



NSSE 2020

Frequencies and Statistical Comparisons

James Madison University

NSSE 2020 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 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: go.iu.edu/NSSE-weights

- 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 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		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort	
				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	3	0	244	2	54	2	6,952	3	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
		2	Sometimes	197	20	4,397	27	845	29	75,222	33								
		3	Often	112	33	5,947	37	1,086	38	81,724	35								
		4	Very often	280	46	5,440	34	889	31	66,983	29								
			Total	630	100	16,028	100	2,874	100	230,881	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
		2	Sometimes	267	42	5,959	37	978	34	79,495	34								
		3	Often	164	26	4,548	29	88	3	67,348	29								
		4	Very often	113	19	2,722	17	52	2	47,208	21								
			Total	626	100	15,118	100	2,858	100	229,541	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6	3.1	3.1	.02	3.1	-.04	3.0	.06	
		2	Sometimes	56	9	1,666	11	262	10	28,134	13								
		3	Often	384	63	9,147	57	1,586	57	128,802	56								
		4	Very often	150	24	4,267	27	851	29	58,873	26								
			Total	615	100	15,858	100	2,833	100	228,352	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 2020 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 Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
				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	36	3	214	3	3,487	4	9,182	4	2.7	2.8 *	-0.08	2.8	-0.05	2.8 **	-0.10	
		2	Sometimes	441	42	2,989	38	36,236	39	94,022	37								
		3	Often	351	35	2,844	37	32,712	35	89,906	35								
		4	Very often	204	20	1,704	22	21,143	22	62,251	24								
			Total	1,032	100	7,751	100	93,578	100	255,361	100								
b. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	44	4	376	5	4,859	5	12,174	5	3.0	3.0	-0.06	3.0	-0.06	3.1 ***	-0.12	
		2	Often	127	13	936	12	11,568	13	29,194	12								
		3	Sometimes	641	62	4,472	58	52,326	56	139,997	55								
		4	Never	217	20	1,958	25	24,564	26	73,091	29								
			Total	1,029	100	7,742	100	93,317	100	254,456	100								
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	462	46	3,198	43	39,792	44	104,830	43	1.8	1.8 *	-0.07	1.8 *	-0.07	1.8 **	-0.09	
		2	Sometimes	388	37	3,009	38	34,820	37	94,056	36								
		3	Often	123	12	1,042	13	12,077	13	35,269	13								
		4	Very often	55	5	474	6	6,413	7	19,731	7								
			Total	1,028	100	7,723	100	93,102	100	253,886	100								
d. Asked another student to help you understand course material	CLaskhelp	1	Never	51	5	495	7	6,510	8	23,256	11	2.6	2.6	-0.01	2.7	-0.03	2.6	.05	
		2	Sometimes	418	40	2,854	38	34,315	37	92,811	37								
		3	Often	403	40	2,983	38	34,360	36	90,374	34								
		4	Very often	155	15	1,385	17	17,744	19	47,068	18								
			Total	1,027	100	7,717	100	92,929	100	253,509	100								
e. Explained course material to one or more students	CLexplain	1	Never	23	2	241	3	3,797	4	15,411	7	2.8	2.8	.00	2.8	.01	2.7 **	.09	
		2	Sometimes	369	36	2,714	35	33,145	35	90,640	36								
		3	Often	462	45	3,296	43	37,895	41	99,504	38								
		4	Very often	172	17	1,445	19	17,867	20	47,250	19								
			Total	1,026	100	7,696	100	92,704	100	252,805	100								
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	84	8	920	13	11,773	13	37,043	16	2.7	2.6 **	.10	2.6 *	.07	2.5 ***	.14	
		2	Sometimes	360	35	2,721	36	31,211	34	84,913	34								
		3	Often	391	39	2,562	34	30,365	32	79,958	31								
		4	Very often	188	18	1,455	18	18,859	20	49,526	19								
			Total	1,023	100	7,658	100	92,208	100	251,440	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 2020 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 Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020			
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. Worked with other students on course projects or assignments	CLproject	1	Never	36	3	334	5	5,575	6	21,000	10	2.8	2.7 ***	.11	2.7 ***	.13	2.6 ***	.20			
		2	Sometimes	317	31	2,732	37	33,104	36	88,851	36								△	△	△
		3	Often	464	46	3,097	41	35,285	38	92,656	36										
		4	Very often	198	19	1,441	18	17,727	19	47,411	18										
		Total		1,015	100	7,604	100	91,691	100	249,918	100										
h. Given a course presentation	present	1	Never	77	8	1,184	15	16,838	19	47,527	20	2.5	2.3 ***	.19	2.3 ***	.25	2.3 ***	.25			
		2	Sometimes	464	46	3,502	46	40,751	44	109,041	43								△	△	△
		3	Often	354	34	2,088	28	23,910	26	64,897	25										
		4	Very often	122	12	823	11	10,058	11	28,095	11										
		Total		1,017	100	7,597	100	91,557	100	249,560	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	50	5	479	6	6,806	8	20,410	9	2.6	2.6	.04	2.6 *	.07	2.6 **	.09			
		2	Sometimes	387	39	2,933	40	35,403	40	96,807	40										
		3	Often	425	42	3,000	40	34,565	38	91,683	37								△	△	
		4	Very often	142	14	1,071	14	13,414	15	36,943	15										
		Total		1,004	100	7,483	100	90,188	100	245,843	100										
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	51	6	558	8	7,864	10	22,633	10	2.6	2.6	.02	2.6 *	.07	2.6 *	.07			
		2	Sometimes	417	42	2,798	39	34,235	39	94,018	39										
		3	Often	376	38	2,874	38	32,927	36	87,762	35								△	△	
		4	Very often	155	15	1,210	16	14,435	15	39,503	16										
		Total		999	100	7,440	100	89,461	100	243,916	100										
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	68	7	603	9	8,659	11	25,214	12	2.6	2.6	-.04	2.6	.01	2.6	.02			
		2	Sometimes	402	41	2,749	38	32,943	38	90,405	38										
		3	Often	391	39	2,732	37	31,454	34	84,045	34										
		4	Very often	132	13	1,301	17	15,619	17	42,058	17										
		Total		993	100	7,385	100	88,675	100	241,722	100										
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	27	3	309	4	3,958	5	10,873	5	2.8	2.8	.01	2.8	.01	2.8	.00			
		2	Sometimes	337	34	2,355	32	28,116	32	75,946	32										
		3	Often	464	47	3,445	47	39,772	45	107,733	44										
		4	Very often	157	16	1,204	17	15,859	18	44,548	19										
		Total		985	100	7,313	100	87,705	100	239,100	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 2020 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 Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
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. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	14	1	147	2	2,217	3	6,282	3	2.9	2.9	.01	2.9	.01	2.9	.00	
		2	Sometimes	250	26	1,888	26	22,418	27	61,215	26								
		3	Often	493	50	3,521	49	41,017	47	110,309	46								
		4	Very often	215	22	1,639	23	20,782	24	57,913	25								
		Total		972	100	7,195	100	86,434	100	235,719	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	15	2	167	3	2,210	3	6,258	3	2.8	2.8	-.02	2.8	-.02	2.9	-.03	
		2	Sometimes	300	31	2,051	30	25,049	30	68,564	30								
		3	Often	480	50	3,432	48	39,444	45	106,056	45								
		4	Very often	173	18	1,451	20	18,453	21	51,480	22								
		Total		968	100	7,101	100	85,156	100	232,358	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	7	1	60	1	992	1	2,993	2	3.0	3.0	-.05	3.0	-.02	3.0	-.02	
		2	Sometimes	185	20	1,358	20	17,231	21	47,385	21								
		3	Often	546	57	3,660	52	42,884	50	115,071	49								
		4	Very often	222	23	1,932	27	22,993	27	64,144	28								
		Total		960	100	7,010	100	84,100	100	229,593	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	177	19	1,326	19	15,240	19	41,873	19	2.3	2.3	-.05	2.3 *	-.07	2.3 *	-.07	
		2	Sometimes	456	48	3,134	45	36,405	43	98,266	43								
		3	Often	206	21	1,672	24	21,300	25	57,696	25								
		4	Very often	112	11	864	12	11,140	13	31,668	14								
		Total		951	100	6,996	100	84,085	100	229,503	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	460	47	3,456	49	39,532	47	107,197	48	1.8	1.8	-.01	1.8	-.04	1.8	-.04	
		2	Sometimes	315	34	2,163	31	26,506	32	72,478	31								
		3	Often	129	14	917	14	12,095	14	33,073	14								
		4	Very often	45	5	433	7	5,468	7	15,579	7								
		Total		949	100	6,969	100	83,601	100	228,327	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	244	25	2,036	29	26,253	32	69,993	32	2.1	2.0	.06	2.0 *	.08	2.0 *	.07	
		2	Sometimes	448	48	3,126	45	35,293	43	95,959	42								
		3	Often	200	22	1,288	19	15,263	18	42,942	19								
		4	Very often	52	6	459	7	6,039	7	17,317	8								
		Total		944	100	6,909	100	82,848	100	226,211	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 2020 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 Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
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. Discussed your academic performance with a faculty member	SFperform	1	Never	239	25	1,909	26	20,729	25	54,538	25	2.1	2.1	.01	2.1	-.01	2.1	-.04	
		2	Sometimes	439	47	3,104	46	37,897	46	102,336	45								
		3	Often	196	21	1,393	21	17,417	21	49,308	22								
		4	Very often	67	7	493	8	6,715	8	19,885	9								
		Total		941	100	6,899	100	82,758	100	226,067	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	16	2	178	3	2,495	3	8,016	4	3.0	3.0 *	.09	2.9 ***	.11	2.9 ***	.15	
		2	Some	193	22	1,545	24	20,320	25	57,783	26								
		3	Quite a bit	454	49	3,306	48	37,965	46	102,588	46								
		4	Very much	273	28	1,830	25	21,403	26	56,182	25								
		Total		936	100	6,859	100	82,183	100	224,569	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	13	1	165	2	2,640	3	7,541	4	3.0	2.9	.06	2.9 *	.07	2.9 **	.09	
		2	Some	201	23	1,661	25	20,508	25	56,904	26								
		3	Quite a bit	491	53	3,401	50	38,438	47	104,762	46								
		4	Very much	227	23	1,580	23	20,119	25	54,070	24								
		Total		932	100	6,807	100	81,705	100	223,277	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	16	2	188	3	2,683	4	7,761	4	3.0	2.9 **	.10	2.9 ***	.10	2.9 ***	.11	
		2	Some	214	24	1,805	27	21,307	27	58,421	27								
		3	Quite a bit	447	49	3,137	47	36,801	45	99,698	45								
		4	Very much	251	26	1,622	24	20,102	25	55,135	25								
		Total		928	100	6,752	100	80,893	100	221,015	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	19	2	219	3	3,013	4	8,019	4	3.0	2.9 **	.11	2.9 ***	.10	2.9 **	.09	
		2	Some	216	24	1,796	27	21,078	27	57,574	27								
		3	Quite a bit	453	49	3,159	47	36,959	45	100,782	45								
		4	Very much	234	25	1,545	22	19,424	23	53,417	24								
		Total		922	100	6,719	100	80,474	100	219,792	100								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	25	3	218	3	2,864	4	7,732	4	2.9	2.9	.06	2.9	.04	2.9	.02	
		2	Some	236	26	1,849	29	21,188	27	57,536	27								
		3	Quite a bit	446	49	3,204	48	37,459	46	101,665	46								
		4	Very much	211	22	1,428	21	18,638	23	51,906	23								
		Total		918	100	6,699	100	80,149	100	218,839	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 2020 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	JMU				Faculty Salary Peers				Community Engagement				NSSE 2019 & 2020				JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e						
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	12	1	107	2	1,510	2	4,387	2	3.1	3.0	.03	3.0	.01	3.1	.00									
		2	Some	188	21	1,421	21	16,505	21	44,475	21																
		3	Quite a bit	446	48	3,272	49	37,593	47	100,851	46																
		4	Very much	270	30	1,857	28	23,921	30	67,542	31																
		Total		916	100	6,657	100	79,529	100	217,255	100																
b. Taught course sessions in an organized way	ETorganize	1	Very little	31	3	190	3	2,933	4	8,544	4	3.0	3.0	.04	3.0	.04	3.0	.03									
		2	Some	182	20	1,462	22	17,629	22	46,844	22																
		3	Quite a bit	444	49	3,301	49	36,834	46	99,366	45																
		4	Very much	250	27	1,685	26	21,910	28	61,842	29																
		Total		907	100	6,638	100	79,306	100	216,596	100																
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	24	3	179	3	2,371	3	7,095	4	3.0	3.0	.03	3.0	.04	3.0	.03									
		2	Some	183	20	1,434	22	17,633	23	47,305	22																
		3	Quite a bit	429	47	3,091	47	35,062	44	94,077	43																
		4	Very much	273	30	1,919	29	24,092	30	67,721	31																
		Total		909	100	6,623	100	79,158	100	216,198	100																
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	53	6	523	8	5,982	8	15,581	8	2.7	2.8	-.03	2.8	-.05	2.8 **	-0.09									
		2	Some	316	35	2,044	31	24,102	31	62,857	29																
		3	Quite a bit	363	40	2,607	39	29,906	37	81,321	37																
		4	Very much	177	19	1,434	22	19,043	24	56,034	26																
		Total		909	100	6,608	100	79,033	100	215,793	100																
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	86	9	589	9	7,087	9	18,040	9	2.7	2.6	.03	2.7	-.01	2.7 *	-0.07									
		2	Some	284	31	2,338	35	26,439	34	68,574	32																
		3	Quite a bit	384	43	2,511	38	29,479	37	81,739	38																
		4	Very much	154	17	1,143	18	15,787	20	46,803	22																
		Total		908	100	6,581	100	78,792	100	215,156	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 2020 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Item wording or description		Variable name ^c		Values ^d		Response options		Frequency Distributions ^a								Statistical Comparisons ^b							
								JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
								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	105	11	687	10	7,747	9	23,308	10	2.5	2.6 **	-0.9	2.6 ***	-0.12	2.6 **	-0.09					
		2	Sometimes	374	41	2,422	36	29,079	37	79,539	37												
		3	Often	312	36	2,501	39	29,219	38	77,942	37												
		4	Very often	108	12	889	14	11,744	16	31,703	16												
		Total		899	100	6,499	100	77,789	100	212,492	100												
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	148	16	1,179	17	14,391	19	41,666	19	2.4	2.4	.01	2.3	.01	2.3	.03					
		2	Sometimes	394	43	2,639	40	30,981	40	85,086	40												
		3	Often	263	30	2,006	32	23,112	30	60,711	29												
		4	Very often	93	11	646	10	8,927	12	23,806	12												
		Total		898	100	6,470	100	77,411	100	211,269	100												
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	125	13	1,030	15	12,993	17	38,443	18	2.4	2.4	.02	2.4	.03	2.3 *	.07					
		2	Sometimes	418	46	2,742	43	32,228	42	88,572	42												
		3	Often	262	31	2,046	32	23,879	31	62,346	30												
		4	Very often	88	10	610	10	8,020	11	21,142	10												
		Total		893	100	6,428	100	77,120	100	210,503	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	54	6	279	5	4,511	6	12,519	6	5.5	6.4 ***	-0.18	6.5 ***	-0.18	6.5 ***	-0.18					
		1.5	1-2	262	29	1,251	20	15,099	20	41,038	20												
		4	3-5	280	32	2,129	34	25,086	33	68,039	33												
		8	6-10	180	20	1,544	23	17,728	23	48,176	23												
		13	11-15	60	7	695	11	7,855	10	21,457	10												
		18	16-20	30	4	268	4	3,180	4	8,915	4												
		23	More than 20	24	3	241	4	3,501	4	9,940	5												
		Total		890	100	6,407	100	76,960	100	210,084	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	424	47	2,192	37	26,756	36	74,231	37	1.7	2.2 ***	-0.17	2.3 ***	-0.19	2.3 ***	-0.19					
		1.5	1-2	300	34	2,375	37	28,442	37	77,031	36												
		4	3-5	109	12	1,229	18	13,792	18	37,090	17												
		8	6-10	38	4	410	6	5,316	7	14,446	7												
		13	11-15	14	2	118	2	1,581	2	4,301	2												
		18	16-20	3	0	28	0	392	1	1,064	1												
		23	More than 20	2	0	33	1	444	1	1,281	1												
Total		890	100	6,385	100	76,723	100	209,444	100														

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NSSE 2020 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
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	754	84	4,857	77	58,194	75	159,079	76	.6	.9 *	-08	1.0 ***	-12	1.0 ***	-12	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	84	9	1,081	16	12,347	16	33,175	15								
		4	3-5	24	3	243	4	2,861	4	7,865	4								
		8	6-10	14	2	100	2	1,573	2	4,393	2								
		13	11-15	7	1	83	1	1,178	2	3,213	2								
		18	16-20	4	1	12	0	254	0	721	0								
		23	More than 20	1	0	27	1	397	1	1,149	1								
		Total		888	100	6,403	100	76,804	100	209,595	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.)									39.5	49.0 ***	-14	52.2 ***	-18	52.5 ***	-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	22	2	221	4	2,780	4	9,689	5	3.1	3.1	.03	3.1	.00	3.0	.03	
		2	Sometimes	228	26	1,580	24	18,070	24	51,131	24								
		3	Often	291	33	2,275	36	25,454	33	67,518	32								
		4	Very often	341	38	2,318	36	30,404	39	80,925	38								
			Total	882	100	6,394	100	76,708	100	209,263	100								
b. People from an economic background other than your own	DDeconomic	1	Never	20	2	183	3	2,818	4	9,164	5	3.1	3.1	.01	3.1	.02	3.0	.05	
		2	Sometimes	204	24	1,432	22	17,580	23	48,828	24								
		3	Often	347	40	2,584	40	28,354	37	76,228	36								
		4	Very often	309	35	2,180	34	27,779	36	74,533	36								
			Total	880	100	6,379	100	76,531	100	208,753	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	34	4	259	4	4,007	5	14,151	7	3.0	3.0	.03	3.0	.05	2.9 ***	.11	
		2	Sometimes	221	25	1,539	25	19,402	26	56,168	27								
		3	Often	304	34	2,373	37	25,813	33	67,592	32								
		4	Very often	322	37	2,212	34	27,322	36	70,890	34								
			Total	881	100	6,383	100	76,544	100	208,801	100								
d. People with political views other than your own	DDpolitical	1	Never	22	2	268	4	4,759	6	14,591	7	3.1	3.0 **	.11	2.9 ***	.17	2.9 ***	.20	
		2	Sometimes	207	24	1,686	26	21,920	28	60,614	29								
		3	Often	333	38	2,277	36	25,110	33	67,786	32								
		4	Very often	320	36	2,152	34	24,780	33	65,890	32								
			Total	882	100	6,383	100	76,569	100	208,881	100								

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NSSE 2020 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

				Frequency Distributions ^a						Statistical Comparisons ^b									
				JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
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	7	1	83	2	1,399	2	3,882	2	3.1	3.0 **	.12	3.0 ***	.13	3.0 ***	.12	
		2	Sometimes	158	18	1,384	22	17,243	24	46,658	23								
		3	Often	450	52	3,168	50	36,605	48	99,267	47								
		4	Very often	258	29	1,717	26	20,816	27	57,715	27								
		Total		873	100	6,352	100	76,063	100	207,522	100								
b. Reviewed your notes after class	LSnotes	1	Never	36	4	243	4	3,218	5	9,042	5	2.9	2.9	.01	2.9	.02	2.9	.00	
		2	Sometimes	244	28	1,771	29	22,111	30	59,664	29								
		3	Often	331	39	2,411	38	27,733	36	75,282	36								
		4	Very often	261	28	1,917	29	22,929	29	63,314	30								
		Total		872	100	6,342	100	75,991	100	207,302	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	44	5	298	5	4,351	6	11,523	6	2.8	2.8	.02	2.8	.03	2.8	.01	
		2	Sometimes	268	31	1,932	31	23,082	31	63,028	31								
		3	Often	342	40	2,606	41	29,728	39	80,440	39								
		4	Very often	220	24	1,509	23	18,803	24	52,327	25								
		Total		874	100	6,345	100	75,964	100	207,318	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	1	0	54	1	569	1	1,604	1	5.5	5.3 ***	.13	5.4 **	.08	5.4	.03	
		2		7	1	50	1	786	1	2,114	1								
		3		29	4	237	4	3,493	5	8,854	5								
		4		72	9	762	12	9,381	13	24,147	12								
		5		329	38	2,437	39	26,490	35	69,636	33								
		6		268	30	1,656	26	19,340	25	53,020	25								
		7	Very much	163	18	1,120	17	15,490	20	46,704	23								
		Total		869	100	6,316	100	75,549	100	206,079	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		77	9	630	11	8,888	12	26,558	14	6%	7%	-.04	7%	-.07	7%	-.07	
		Do not plan to do		36	5	271	5	3,499	5	10,769	6								
		Plan to do		708	80	4,971	78	57,536	75	153,452	73								
		Done or in progress		48	6	423	7	5,415	7	14,765	7								
		Total		869	100	6,295	100	75,338	100	205,544	100								

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NSSE 2020 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 Engagement		NSSE 2019 & 2020		JMU	Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
				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	231	25	1,653	26	20,196	27	57,113	28	11%	11%	.01	11%	.02	10%	.03
			Do not plan to do	146	18	1,230	20	16,578	23	47,513	24							
			Plan to do	399	46	2,724	42	30,403	40	79,109	38							
			Done or in progress	93	11	669	11	7,977	11	21,265	10							
			Total	869	100	6,276	100	75,154	100	205,000	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	281	32	1,979	32	23,159	31	68,208	33	10%	13% *	-0.10	15% ***	-0.16	13% *	-0.09
			Do not plan to do	258	30	1,824	29	20,302	28	54,430	27							
			Plan to do	242	28	1,620	26	20,262	26	56,051	27							
			Done or in progress	86	10	838	13	11,233	15	25,612	13							
			Total	867	100	6,261	100	74,956	100	204,301	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	202	23	1,620	26	20,175	27	57,009	28	3%	3%	.02	3%	.00	3%	.02
			Do not plan to do	196	24	1,334	24	18,444	26	55,586	29							
			Plan to do	437	50	3,128	47	34,237	43	86,119	40							
			Done or in progress	28	3	182	3	2,133	3	5,612	3							
			Total	863	100	6,264	100	74,989	100	204,326	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	314	36	2,271	36	27,693	37	77,678	38	3%	5% **	-0.11	5% **	-0.10	5% *	-0.09
			Do not plan to do	203	23	1,438	23	17,135	23	47,863	24							
			Plan to do	325	38	2,224	36	26,614	35	69,434	33							
			Done or in progress	24	3	326	5	3,495	5	9,297	5							
			Total	866	100	6,259	100	74,937	100	204,272	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	267	31	2,024	33	25,194	34	67,308	34	1%	1%	-0.03	2%	-0.07	2%	-0.07
			Do not plan to do	91	11	586	10	8,092	11	21,841	12							
			Plan to do	496	57	3,560	56	40,241	53	111,181	53							
			Done or in progress	9	1	86	1	1,384	2	3,775	2							
			Total	863	100	6,256	100	74,911	100	204,105	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?																		
	servcourse		1 None	462	53	3,273	52	36,029	49	95,693	48	1.6	1.6	.01	1.6	-0.06	1.6 **	-0.09
			2 Some	329	37	2,498	41	32,222	43	88,489	43							
			3 Most	65	8	391	7	5,233	7	15,559	8							
			4 All	8	1	62	1	1,099	2	3,439	2							
			Total	864	100	6,224	100	74,583	100	203,180	100							

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NSSE 2020 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 Engagement		NSSE 2019 & 2020		JMU	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020			
				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	78	1	961	1	2,879	2	5.7	5.4 ***	.27	5.5 ***	.22	5.4 ***	.22
		2		9	1	106	2	1,282	2	3,753	2							
		3		26	3	300	5	3,382	5	9,193	5							
		4		70	8	758	12	8,794	12	23,551	12							
		5		212	25	1,843	29	20,207	27	54,182	27							
		6		270	31	1,769	28	20,951	28	54,886	26							
	7	Excellent	272	31	1,340	22	18,505	25	51,573	25								
	—	Not applicable	2	0	17	0	437	1	2,941	2								
		Total		863	100	6,211	100	74,519	100	202,958	100							
b. Academic advisors	QIadvisor	1	Poor	20	2	190	3	1,906	3	5,140	3	5.3	5.3	.04	5.4	.00	5.4	-.02
		2		34	4	260	4	2,621	3	7,160	4							
		3		59	7	468	7	4,920	6	13,133	6							
		4		106	13	819	13	9,614	13	25,230	12							
		5		171	20	1,296	20	15,498	21	41,111	20							
		6		194	22	1,297	22	16,574	22	44,238	22							
	7	Excellent	258	29	1,636	28	21,889	30	62,512	31								
	—	Not applicable	20	2	237	3	1,403	2	4,175	2								
		Total		862	100	6,203	100	74,425	100	202,699	100							
c. Faculty	QIfaculty	1	Poor	2	0	63	1	1,024	1	2,756	2	5.6	5.3 ***	.19	5.4 ***	.17	5.4 ***	.13
		2		10	1	106	2	1,657	2	4,328	2							
		3		23	3	332	5	3,810	5	9,957	5							
		4		99	11	879	14	9,795	13	25,164	13							
		5		235	27	1,831	29	20,132	27	52,163	26							
		6		296	35	1,828	30	21,438	29	57,588	28							
	7	Excellent	193	22	1,112	19	15,787	21	48,483	24								
	—	Not applicable	3	0	50	1	745	1	2,182	1								
		Total		861	100	6,201	100	74,388	100	202,621	100							

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NSSE 2020 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 Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
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	5	1	153	3	2,101	3	5,928	3	5.6	5.1 ***	.30	5.2 ***	.26	5.2 ***	.25	
		2		20	2	204	3	2,372	3	6,613	3								
		3		30	4	427	7	4,687	6	12,600	6								
		4		86	10	888	15	10,083	14	26,293	13								
		5		184	22	1,511	24	16,737	22	44,157	21								
		6		254	29	1,443	23	16,405	22	43,964	21								
		7	Excellent	225	26	1,152	19	15,509	21	44,436	22								
		—	Not applicable	57	7	421	7	6,491	9	18,604	10								
	Total	861	100	6,199	100	74,385	100	202,595	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	13	2	185	3	2,178	3	6,128	3	5.4	5.0 ***	.24	5.1 ***	.20	5.2 ***	.17	
		2		12	1	226	4	2,754	4	7,512	4								
		3		43	5	460	7	5,147	7	13,613	7								
		4		96	11	835	14	10,621	14	27,984	14								
		5		192	23	1,454	23	16,869	22	44,811	22								
		6		225	26	1,309	21	15,947	21	43,680	21								
		7	Excellent	183	21	1,051	18	14,678	20	44,376	22								
		—	Not applicable	98	11	681	11	6,215	9	14,551	8								
	Total	862	100	6,201	100	74,409	100	202,655	100										
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	8	1	74	1	1,074	2	3,040	2	3.0	3.1	-.04	3.1	-.06	3.1 *	-.07	
		2	Some	165	21	1,128	19	13,947	19	37,192	19								
		3	Quite a bit	447	52	3,160	52	36,385	49	97,082	48								
		4	Very much	238	26	1,813	28	22,671	30	64,492	31								
			Total	858	100	6,175	100	74,077	100	201,806	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	21	3	180	3	2,217	3	6,531	4	3.1	3.0 *	.09	3.0 *	.08	3.0 *	.07	
		2	Some	154	19	1,238	20	15,229	21	41,106	21								
		3	Quite a bit	374	45	2,859	47	32,402	44	86,197	42								
		4	Very much	307	34	1,879	30	24,038	32	67,419	33								
			Total	856	100	6,156	100	73,886	100	201,253	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	33	4	256	5	3,572	5	10,183	5	3.2	3.1	.06	3.1 *	.08	3.1 *	.07	
		2	Some	142	18	1,016	17	12,912	18	35,056	18								
		3	Quite a bit	307	36	2,494	41	28,704	39	76,170	38								
		4	Very much	372	42	2,382	37	28,652	38	79,738	39								
			Total	854	100	6,148	100	73,840	100	201,147	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 2020 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		<i>Your first-year students compared with</i>							
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	JMU	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020				
												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	64	7	628	10	7,027	10	20,667	11	2.8	2.7 *	.09	2.8	.06	2.8 *	.07	
		2	Some	238	28	1,792	29	20,538	28	56,516	28								△
		3	Quite a bit	324	39	2,209	36	26,901	36	71,166	35								
		4	Very much	226	26	1,505	24	19,301	26	52,534	26								△
		Total		852	100	6,134	100	73,767	100	200,883	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	14	2	222	4	3,425	5	10,928	6	3.2	3.0 ***	.25	3.0 ***	.26	3.0 ***	.30	
		2	Some	113	14	1,249	21	16,234	22	45,422	23								△
		3	Quite a bit	380	45	2,721	45	30,353	41	81,056	40								
		4	Very much	346	39	1,937	31	23,626	32	63,102	31								△
		Total		853	100	6,129	100	73,638	100	200,508	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	25	3	354	6	4,199	6	13,252	7	3.2	3.0 ***	.26	3.0 ***	.26	2.9 ***	.31	
		2	Some	123	15	1,332	21	16,535	23	47,200	24								△
		3	Quite a bit	361	43	2,582	43	29,647	40	78,868	39								
		4	Very much	346	39	1,844	30	23,158	31	60,910	30								▲
		Total		855	100	6,112	100	73,539	100	200,230	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	94	11	1,321	22	14,965	21	42,466	22	2.6	2.3 ***	.28	2.4 ***	.23	2.3 ***	.23	
		2	Some	316	38	2,320	38	27,209	37	73,374	36								△
		3	Quite a bit	298	35	1,726	29	20,824	28	55,496	27								
		4	Very much	146	17	738	12	10,501	14	28,784	14								△
		Total		854	100	6,105	100	73,499	100	200,120	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	25	3	367	6	5,540	8	18,570	10	3.0	2.9 ***	.15	2.9 ***	.17	2.8 ***	.23	
		2	Some	194	24	1,572	26	18,772	26	51,389	26								△
		3	Quite a bit	365	43	2,540	41	29,023	39	76,386	37								
		4	Very much	269	30	1,626	27	20,116	27	53,543	26								△
		Total		853	100	6,105	100	73,451	100	199,888	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	98	12	850	14	10,931	15	32,392	17	2.6	2.5 ***	.13	2.5 ***	.16	2.5 ***	.18	
		2	Some	264	31	2,191	36	26,309	36	70,353	35								△
		3	Quite a bit	328	38	2,062	34	23,895	32	63,369	31								
		4	Very much	161	19	992	16	12,307	16	33,761	16								△
		Total		851	100	6,095	100	73,442	100	199,875	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 2020 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 Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
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. To what extent do you agree or disagree with the following statements?																			
a. I feel comfortable being myself at this institution.	SBmyself <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	14	2	34	2	788	2	2,351	2	3.4	3.2 *** ▲	.25	3.3 *** ▲	.13	3.3 *** ▲	.13	
		2	Disagree	48	6	190	10	3,490	8	9,463	8								
		3	Agree	414	48	1,199	57	24,901	53	63,104	52								
		4	Strongly agree	378	44	655	31	17,374	38	45,862	38								
		Total		854	100	2,078	100	46,553	100	120,780	100								
b. I feel valued by this institution.	SBvalued <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	13	1	75	4	1,462	4	3,985	4	3.2	2.9 *** ▲	.39	3.0 *** ▲	.24	3.0 *** ▲	.22	
		2	Disagree	95	12	427	20	7,661	17	19,359	16								
		3	Agree	475	55	1,239	58	26,619	56	67,667	56								
		4	Strongly agree	271	32	338	17	10,767	23	29,633	24								
		Total		854	100	2,079	100	46,509	100	120,644	100								
c. I feel like part of the community at this institution.	SBcommunity <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	13	1	63	3	1,579	4	4,367	4	3.2	2.9 *** ▲	.41	3.0 *** ▲	.29	3.0 *** ▲	.28	
		2	Disagree	88	11	409	20	7,859	17	20,064	17								
		3	Agree	435	51	1,206	56	25,134	53	64,102	53								
		4	Strongly agree	316	37	402	20	11,984	26	32,252	26								
		Total		852	100	2,080	100	46,556	100	120,785	100								
16. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	0	0	13	0	270	0	759	0	15.2	14.4 ** ▲	.11	14.6 * ▲	.07	14.4 ** ▲	.10	
		3	1-5 hrs	62	8	651	11	8,623	12	24,264	13								
		8	6-10 hrs	181	22	1,391	23	16,594	23	44,929	23								
		13	11-15 hrs	209	25	1,467	24	16,969	23	45,360	23								
		18	16-20 hrs	206	24	1,282	21	14,552	20	39,349	19								
		23	21-25 hrs	107	12	706	11	8,430	11	22,981	11								
		28	26-30 hrs	44	5	302	5	3,865	5	10,857	5								
		33	More than 30 hrs	40	4	253	4	3,803	6	10,566	5								
Total		849	100	6,065	100	73,106	100	199,065	100										
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	146	17	1,422	24	22,515	31	63,749	34	7.6	6.2 *** ▲	.20	5.7 *** ▲	.27	5.6 *** ▲	.28	
		3	1-5 hrs	287	33	2,289	37	24,650	33	64,874	31								
		8	6-10 hrs	191	23	1,176	19	12,172	17	31,571	16								
		13	11-15 hrs	112	14	611	10	6,723	9	18,048	9								
		18	16-20 hrs	67	9	279	5	3,684	5	10,552	5								
		23	21-25 hrs	24	3	167	3	1,741	3	5,191	3								
		28	26-30 hrs	11	1	50	1	581	1	1,883	1								
33	More than 30 hrs	8	1	60	1	866	1	2,659	1										
Total		846	100	6,054	100	72,932	100	198,527	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 2020 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 Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
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. Working for pay on campus	tmworkonhrs	0	0 hrs	718	84	4,929	82	57,682	80	154,758	80	1.8	2.2 *	-07	2.4 ***	-12	2.4 ***	-11	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	26	3	192	3	2,759	3	8,885	4								
	8	6-10 hrs	45	5	350	5	4,847	6	14,371	6									
	13	11-15 hrs	34	4	315	5	3,816	5	10,006	5									
	18	16-20 hrs	14	2	166	3	2,430	4	6,560	3									
	23	21-25 hrs	6	1	67	1	888	1	2,283	1									
	28	26-30 hrs	2	0	12	0	226	0	646	0									
	33	More than 30 hrs	2	0	15	0	310	0	1,095	1									
	Total				847	100	6,046	100	72,958	100	198,604								100
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	735	86	4,535	75	50,219	69	133,841	66	1.9	3.6 ***	-24	4.9 ***	-34	5.9 ***	-40	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	27	3	276	5	3,355	4	9,409	5								
	8	6-10 hrs	19	2	310	5	3,923	5	10,744	5									
	13	11-15 hrs	25	3	315	5	4,280	6	11,160	6									
	18	16-20 hrs	19	2	281	5	4,449	6	11,586	6									
	23	21-25 hrs	11	1	192	3	3,187	4	8,208	4									
	28	26-30 hrs	5	1	73	1	1,597	2	4,520	2									
	33	More than 30 hrs	6	1	81	1	2,036	3	9,353	6									
	Total				847	100	6,063	100	73,046	100	198,821								100
e. Doing community service or volunteer work	tmworkhrs	0	0 hrs	476	56	3,636	61	42,527	58	116,541	59	2.7	2.2 *	.10	2.5	.05	2.5	.04	
	(Continuous variable created by NSSE)	3	1-5 hrs	265	31	1,832	29	21,811	29	58,638	29								
	8	6-10 hrs	56	6	271	4	4,404	6	11,767	6									
	13	11-15 hrs	18	2	163	3	2,155	3	5,659	3									
	18	16-20 hrs	18	2	81	1	1,070	2	3,052	2									
	23	21-25 hrs	6	1	52	1	580	1	1,556	1									
	28	26-30 hrs	1	0	8	0	161	0	520	0									
	33	More than 30 hrs	8	1	19	0	307	0	987	1									
	Total				848	100	6,062	100	73,015	100	198,720								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 2020 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 Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
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	
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs <i>(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	6	1	58	1	1,068	2	3,738	2	14.1	14.1	.00	13.0 ***	.12	12.5 ***	.18	
		3	1-5 hrs	109	12	868	14	13,389	18	40,274	20								
		8	6-10 hrs	232	27	1,597	25	19,620	26	53,409	26								
		13	11-15 hrs	195	23	1,376	23	16,161	22	42,219	21								
		18	16-20 hrs	157	19	1,033	17	10,873	15	28,153	14								
		23	21-25 hrs	66	8	484	9	4,988	7	12,925	7								
		28	26-30 hrs	27	3	196	3	2,120	3	5,505	3								
		33	More than 30 hrs	55	7	446	8	4,799	7	12,471	7								
Total				847	100	6,058	100	73,018	100	198,694	100								
g. Providing care for dependents (children, parents, etc.)	tmcarehrs <i>(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	757	88	5,156	85	57,759	79	152,144	75	1.2	1.4	-.04	2.1 ***	-.16	3.1 ***	-.25	
		3	1-5 hrs	35	4	419	7	6,947	9	19,500	10								
		8	6-10 hrs	18	2	144	3	2,985	4	8,406	5								
		13	11-15 hrs	16	2	144	2	2,195	3	5,856	3								
		18	16-20 hrs	13	2	90	2	1,183	2	3,544	2								
		23	21-25 hrs	7	1	50	1	673	1	2,013	1								
		28	26-30 hrs	0	0	9	0	236	0	849	1								
		33	More than 30 hrs	2	0	27	0	922	1	6,056	4								
Total				848	100	6,039	100	72,900	100	198,368	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	468	55	3,116	50	29,885	39	89,443	43	3.1	3.1	-.01	4.3 ***	-.19	4.1 ***	-.16	
		3	1-5 hrs	247	29	1,936	32	26,131	37	66,133	34								
		8	6-10 hrs	63	8	541	9	9,097	13	22,560	12								
		13	11-15 hrs	33	4	231	4	3,863	5	9,628	5								
		18	16-20 hrs	20	2	120	2	1,755	2	4,554	2								
		23	21-25 hrs	3	0	58	1	865	1	2,376	1								
		28	26-30 hrs	1	0	21	0	380	1	989	1								
		33	More than 30 hrs	11	1	41	1	1,055	2	3,064	2								
Total				846	100	6,064	100	73,031	100	198,747	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 2020 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 Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020								
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								
17. 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	68	9	607	11	8,982	13	22,724	12	2.9	2.7 ***	.16	2.6 ***	.23	2.7 ***	.17								
		2	Some	257	31	2,018	35	25,622	36	67,677	35								△		△		△			
		3	About half	243	29	1,883	30	20,767	28	57,602	29															
		4	Most	205	23	1,146	18	12,941	17	37,103	18															
		5	Almost all	75	8	395	6	4,539	6	13,273	6															
			Total	848	100	6,049	100	72,851	100	198,379	100															
	tmreadinghrs	<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprehrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																								
												7.4	6.4 ***	.18	6.3 ***	.20	6.5 ***	.17								
	tmreadinghrscol	1	0 hrs	0	0	13	0	266	0	736	0															
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	369	45	2,987	52	37,536	53	99,660	52															
		3	More than 5, up to 10 hrs	268	31	1,851	30	21,340	29	58,210	29															
		4	More than 10, up to 15 hrs	109	12	674	10	7,045	9	20,267	10															
		5	More than 15, up to 20 hrs	53	6	278	4	3,443	4	10,098	5															
		6	More than 20, up to 25 hrs	34	4	170	3	2,101	3	6,182	3															
		7	More than 25 hrs	14	2	49	1	820	1	2,421	1															
			Total	847	100	6,022	100	72,551	100	197,574	100															
18. 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	60	8	407	7	5,232	8	13,459	7	2.8	2.7	.05	2.8	.02	2.8	-.03								
		2	Some	240	28	1,815	31	20,671	29	55,258	28															
		3	Quite a bit	369	44	2,716	45	31,257	42	84,739	42															
		4	Very much	178	20	1,077	17	15,419	21	44,050	22															
			Total	847	100	6,015	100	72,579	100	197,506	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 2020 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		<i>Your first-year students compared with</i>							
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	JMU	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020				
												Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Speaking clearly and effectively	pgspeak	1	Very little	44	6	692	11	7,733	11	20,430	11	2.9	2.6 ***	.28	2.7 ***	.23	2.7 ***	.19	
		2	Some	210	25	2,072	34	22,666	31	61,393	31								△
		3	Quite a bit	394	46	2,302	39	27,701	38	75,213	38								△
		4	Very much	199	23	944	16	14,464	20	40,436	21								△
		Total		847	100	6,010	100	72,564	100	197,472	100								
c. Thinking critically and analytically	pgthink	1	Very little	17	2	145	2	2,096	3	5,713	3	3.1	3.0 *	.09	3.1	.06	3.1	.05	
		2	Some	138	17	1,240	20	13,742	19	37,204	19								△
		3	Quite a bit	406	48	2,848	47	33,134	45	89,176	44								
		4	Very much	286	33	1,784	30	23,636	33	65,439	33								
		Total		847	100	6,017	100	72,608	100	197,532	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	87	10	681	11	8,013	11	24,683	12	2.7	2.7	.01	2.7	-.04	2.7	.00	
		2	Some	269	31	1,920	32	21,938	30	60,937	30								
		3	Quite a bit	332	40	2,301	39	27,134	37	70,510	36								
		4	Very much	159	19	1,117	19	15,496	22	41,344	22								
		Total		847	100	6,019	100	72,581	100	197,474	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	71	9	797	13	9,687	14	25,052	13	2.7	2.6 **	.10	2.6 **	.09	2.6	.05	
		2	Some	280	33	2,032	33	23,697	33	63,215	32								△
		3	Quite a bit	333	39	2,149	36	25,292	35	68,978	35								△
		4	Very much	161	19	1,038	18	13,927	19	40,279	21								
		Total		845	100	6,016	100	72,603	100	197,524	100								
f. Working effectively with others	pgothers	1	Very little	18	2	304	6	4,283	6	11,924	7	3.0	2.9 ***	.23	2.9 ***	.22	2.9 ***	.22	
		2	Some	179	22	1,611	27	19,294	27	52,093	27								△
		3	Quite a bit	379	45	2,691	44	30,618	42	82,413	41								△
		4	Very much	269	31	1,403	23	18,391	25	51,004	26								△
		Total		845	100	6,009	100	72,586	100	197,434	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	49	6	647	11	7,841	12	20,251	11	2.9	2.7 ***	.22	2.7 ***	.18	2.7 ***	.15	
		2	Some	214	26	1,859	31	20,807	29	55,840	28								△
		3	Quite a bit	374	43	2,385	39	28,002	38	75,396	37								△
		4	Very much	206	24	1,113	19	15,900	22	45,896	23								△
		Total		843	100	6,004	100	72,550	100	197,383	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 2020 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

				Frequency Distributions ^a						Statistical Comparisons ^b									
				JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
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	
<i>Your first-year students compared with</i>																			
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	61	7	521	9	5,924	9	17,024	9	2.8	2.8	.05	2.8	.00	2.8	.00	
		2	Some	249	30	1,723	29	19,326	27	53,243	27								
		3	Quite a bit	319	37	2,375	39	28,031	38	74,624	37								
		4	Very much	217	25	1,388	23	19,296	26	52,546	27								
		Total		846	100	6,007	100	72,577	100	197,437	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	70	9	614	10	7,651	11	20,990	11	2.8	2.6 ***	.15	2.7 ***	.12	2.7 ***	.11	
		2	Some	248	29	2,045	35	23,592	32	64,191	32								
		3	Quite a bit	340	40	2,300	38	26,668	36	71,655	36								
		4	Very much	187	22	1,047	18	14,677	20	40,662	21								
		Total		845	100	6,006	100	72,588	100	197,498	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	58	7	667	12	8,085	12	22,382	12	2.8	2.6 ***	.19	2.7 ***	.16	2.7 ***	.15	
		2	Some	245	29	1,984	33	22,977	32	62,782	32								
		3	Quite a bit	342	40	2,190	37	26,324	36	70,313	35								
		4	Very much	201	24	1,174	19	15,304	21	42,250	21								
		Total		846	100	6,015	100	72,690	100	197,727	100								
19. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	6	1	87	2	1,220	2	3,576	2	3.3	3.2 ***	.24	3.2 ***	.24	3.2 ***	.23	
		2	Fair	70	9	710	12	9,258	13	25,544	13								
		3	Good	389	45	3,192	53	37,253	50	98,239	49								
		4	Excellent	384	45	2,045	34	25,235	35	71,179	35								
		Total		849	100	6,034	100	72,966	100	198,538	100								
20. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	11	1	184	3	2,308	3	6,915	4	3.4	3.2 ***	.29	3.2 ***	.27	3.2 ***	.28	
		2	Probably no	74	9	756	12	9,096	12	25,013	13								
		3	Probably yes	292	35	2,637	45	31,857	43	84,363	42								
		4	Definitely yes	477	55	2,475	40	30,027	41	83,062	41								
		Total		854	100	6,052	100	73,288	100	199,353	100								
21. Do you intend to return to this institution next year?^f																			
	returnexp		No	24	3	225	4	2,628	4	8,015	4	92%	89% *	.08	89% *	.08	88% ***	.12	
			Yes	789	92	5,435	89	65,875	89	176,566	88								
			Not sure	43	5	405	7	4,902	7	15,133	8								
			Total	856	100	6,065	100	73,405	100	199,714	100								
				<i>(Means indicate the percentage who responded "Yes.")</i>															

*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 2020 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 Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
				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	9	1	166	2	3,237	3	8,259	3	3.1	3.1	.06	3.0 ***	.15	3.1 **	.08	
		2	Sometimes	234	24	2,281	26	31,626	29	77,804	27								
		3	Often	355	36	2,811	34	35,605	32	93,497	31								
		4	Very often	381	39	3,158	38	40,228	36	116,278	39								
		Total		979	100	8,416	100	110,696	100	295,838	100								
b. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	60	6	557	7	7,872	7	18,657	6	2.9	2.9	-.04	2.9	-.05	3.0 ***	-.15	
		2	Often	155	17	1,389	16	16,688	16	39,572	14								
		3	Sometimes	577	58	4,668	54	59,120	53	154,611	52								
		4	Never	192	19	1,790	23	26,635	24	81,926	28								
		Total		984	100	8,404	100	110,315	100	294,766	100								
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	433	46	3,754	47	52,261	48	139,170	49	1.8	1.8	.00	1.8	.02	1.7	.03	
		2	Sometimes	382	39	3,151	37	39,176	36	102,407	34								
		3	Often	97	9	926	10	11,491	10	32,164	10								
		4	Very often	68	7	557	6	7,199	6	20,538	7								
		Total		980	100	8,388	100	110,127	100	294,279	100								
d. Asked another student to help you understand course material	CLaskhelp	1	Never	52	6	803	11	12,454	12	44,104	16	2.7	2.5 ***	.19	2.5 ***	.19	2.4 ***	.29	
		2	Sometimes	361	38	3,393	41	44,480	41	118,686	41								
		3	Often	371	37	2,822	33	34,200	30	84,881	28								
		4	Very often	195	20	1,357	16	18,866	17	46,360	15								
		Total		979	100	8,375	100	110,000	100	294,031	100								
e. Explained course material to one or more students	CLexplain	1	Never	18	2	262	4	5,599	5	23,748	8	3.0	2.8 ***	.17	2.8 ***	.20	2.7 ***	.29	
		2	Sometimes	261	27	2,699	32	36,480	33	99,598	34								
		3	Often	427	42	3,538	42	42,840	39	107,205	36								
		4	Very often	271	28	1,875	22	24,968	23	63,100	21								
		Total		977	100	8,374	100	109,887	100	293,651	100								
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	73	8	1,103	15	16,823	16	56,109	20	2.8	2.6 ***	.21	2.6 ***	.21	2.5 ***	.30	
		2	Sometimes	305	32	2,904	35	37,069	34	96,519	33								
		3	Often	358	36	2,635	31	32,500	29	82,024	27								
		4	Very often	234	24	1,710	20	23,022	21	57,726	19								
		Total		970	100	8,352	100	109,414	100	292,378	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 2020 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b									
				JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020			
				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																	
g. Worked with other students on course projects or assignments	CLproject	1	Never	14	2	283	4	6,123	6	25,959	9	3.2	3.0 ***	.21	2.9 ***	.28	2.8 ***	.37			
		2	Sometimes	184	19	2,131	26	29,197	27	80,778	28								△	△	▲
		3	Often	388	40	3,301	39	40,799	37	103,038	35										
		4	Very often	381	39	2,609	31	32,889	30	81,541	28										
		Total		967	100	8,324	100	109,008	100	291,316	100										
h. Given a course presentation	present	1	Never	44	5	486	7	10,643	10	34,495	13	3.0	2.9 ***	.13	2.7 ***	.28	2.7 ***	.32			
		2	Sometimes	254	27	2,374	30	33,943	32	89,332	32								△	△	▲
		3	Often	333	34	3,001	35	36,094	32	93,675	31										
		4	Very often	336	34	2,465	29	28,233	25	73,540	24										
		Total		967	100	8,326	100	108,913	100	291,042	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	15	2	207	3	3,870	4	11,418	4	3.1	3.0 **	.10	2.9 ***	.17	2.9 ***	.20			
		2	Sometimes	210	24	2,015	25	28,362	27	78,277	28								△	△	△
		3	Often	399	40	3,585	43	44,778	41	118,359	41										
		4	Very often	335	34	2,443	29	30,959	28	80,477	27										
		Total		959	100	8,250	100	107,969	100	288,531	100										
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	35	4	442	6	7,420	8	19,235	8	2.9	2.8 ***	.13	2.8 ***	.20	2.8 ***	.18			
		2	Sometimes	236	27	2,480	31	33,262	32	88,603	32								△	△	△
		3	Often	392	40	3,104	38	39,448	36	105,788	36										
		4	Very often	294	29	2,183	26	27,359	24	73,673	25										
		Total		957	100	8,209	100	107,489	100	287,299	100										
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	51	6	800	11	12,974	14	32,429	13	2.8	2.7 ***	.15	2.6 ***	.22	2.6 ***	.20			
		2	Sometimes	305	34	2,757	34	36,125	35	96,819	34								△	△	△
		3	Often	328	33	2,710	33	33,772	31	91,702	31										
		4	Very often	264	27	1,884	22	23,933	21	64,645	22										
		Total		948	100	8,151	100	106,804	100	285,595	100										
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	24	3	342	5	4,865	5	12,073	5	2.9	2.8 ***	.13	2.8 ***	.14	2.8 ***	.12			
		2	Sometimes	246	27	2,357	29	31,169	30	81,724	29								△	△	△
		3	Often	433	45	3,664	45	46,059	43	124,113	43										
		4	Very often	244	26	1,725	21	23,958	22	65,766	23										
		Total		947	100	8,088	100	106,051	100	283,676	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 2020 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b						
				JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		Your seniors compared with						
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	JMU	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020			
												Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	14	2	192	3	2,840	3	7,275	3	3.0	3.0	.06	3.0 *	.08	3.0 *	.07
		2	Sometimes	204	23	1,816	23	25,021	24	65,868	24							
		3	Often	433	45	3,771	47	47,167	44	127,338	45							
		4	Very often	286	30	2,216	27	29,891	28	80,374	28							
		Total		937	100	7,995	100	104,919	100	280,855	100							
f. Learned something that changed the way you understand an issue or concept	RNewview	1	Never	15	2	120	2	2,068	2	5,358	2	3.1	3.0 ***	.12	3.0 ***	.12	3.0 **	.11
		2	Sometimes	193	21	2,045	26	26,326	26	70,392	26							
		3	Often	426	45	3,661	46	46,872	45	125,316	45							
		4	Very often	288	31	2,084	26	28,550	27	77,102	27							
		Total		922	100	7,910	100	103,816	100	278,168	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	4	1	48	1	961	1	2,467	1	3.3	3.2 *	.09	3.2 ***	.13	3.2 **	.11
		2	Sometimes	92	11	1,120	15	15,800	16	41,018	15							
		3	Often	452	49	3,809	48	48,525	47	129,599	47							
		4	Very often	364	39	2,881	37	37,713	36	102,869	37							
		Total		912	100	7,858	100	102,999	100	275,953	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	88	10	1,062	14	16,530	17	44,835	18	2.7	2.5 ***	.13	2.4 ***	.21	2.5 ***	.21
		2	Sometimes	361	40	3,098	39	40,453	40	105,706	39							
		3	Often	221	24	2,052	26	25,582	24	69,877	24							
		4	Very often	242	26	1,634	21	20,351	19	55,475	19							
		Total		912	100	7,846	100	102,916	100	275,893	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	271	31	2,918	38	41,016	41	112,859	43	2.2	2.0 ***	.17	2.0 ***	.21	2.0 ***	.24
		2	Sometimes	309	33	2,559	32	31,842	31	83,244	30							
		3	Often	174	19	1,400	18	17,210	17	45,775	16							
		4	Very often	157	16	947	12	12,515	12	33,088	12							
		Total		911	100	7,824	100	102,583	100	274,966	100							
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	114	12	1,690	22	26,203	26	72,595	28	2.5	2.2 ***	.23	2.2 ***	.30	2.2 ***	.32
		2	Sometimes	399	45	3,415	43	41,966	41	109,389	40							
		3	Often	251	28	1,786	23	21,805	21	58,889	21							
		4	Very often	136	15	894	12	11,855	11	32,204	11							
		Total		900	100	7,785	100	101,829	100	273,077	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 2020 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b									
				JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020			
				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. Discussed your academic performance with a faculty member	SFperform	1	Never	186	21	1,747	23	23,042	24	60,329	23	2.3	2.2 **	.10	2.2 ***	.13	2.2 **	.10			
		2	Sometimes	371	41	3,425	43	44,794	44	118,618	43								△	△	△
		3	Often	227	25	1,793	23	22,701	22	62,195	22										
		4	Very often	120	13	817	11	11,335	11	31,979	11										
		Total		904	100	7,782	100	101,872	100	273,121	100										
4. During the current school year, how much has your coursework emphasized the following?																					
a. Memorizing course material	memorize	1	Very little	59	6	525	7	6,633	7	20,785	8	2.8	2.8	.05	2.8	.01	2.8	.06			
		2	Some	258	29	2,320	31	29,862	30	83,369	31										
		3	Quite a bit	376	42	3,138	41	40,858	40	107,328	39										
		4	Very much	204	23	1,765	22	23,962	23	60,179	22										
		Total		897	100	7,748	100	101,315	100	271,661	100										
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	19	2	175	2	2,731	3	7,237	3	3.1	3.1 *	.07	3.1 *	.08	3.1 *	.08			
		2	Some	149	17	1,500	19	19,944	20	53,059	20								△	△	△
		3	Quite a bit	421	47	3,620	47	45,669	45	122,675	45										
		4	Very much	304	34	2,421	31	32,577	32	87,650	32										
		Total		893	100	7,716	100	100,921	100	270,621	100										
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	18	2	251	3	3,169	3	8,318	3	3.1	3.0	.05	3.0	.05	3.0	.04			
		2	Some	178	21	1,663	22	21,722	22	57,433	22										
		3	Quite a bit	409	45	3,387	44	43,776	44	117,628	44										
		4	Very much	284	32	2,353	31	31,487	31	85,126	31										
		Total		889	100	7,654	100	100,154	100	268,505	100										
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	32	4	386	5	5,018	6	12,229	5	3.0	2.9	.05	2.9 *	.07	2.9	.03			
		2	Some	187	22	1,842	24	23,986	25	62,327	24								△		
		3	Quite a bit	411	45	3,325	43	42,598	42	115,561	43										
		4	Very much	255	28	2,078	27	28,116	27	77,272	28										
		Total		885	100	7,631	100	99,718	100	267,389	100										
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	21	3	283	4	3,891	4	9,615	4	3.0	2.9	.02	2.9	.03	3.0	.00			
		2	Some	202	23	1,812	24	23,493	24	61,400	24										
		3	Quite a bit	425	49	3,514	46	44,407	44	120,180	45										
		4	Very much	231	25	1,994	26	27,576	27	75,317	28										
		Total		879	100	7,603	100	99,367	100	266,512	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 2020 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 Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
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	9	1	100	1	2,000	2	5,537	2	3.3	3.2 ***	.14	3.1 ***	.17	3.1 ***	.15	
		2	Some	108	13	1,248	16	17,251	18	45,352	17								
		3	Quite a bit	397	45	3,574	47	44,037	44	115,708	43								
		4	Very much	360	42	2,644	36	35,495	36	98,433	37								
		Total		874	100	7,566	100	98,783	100	265,030	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	15	2	199	3	3,718	4	10,288	4	3.2	3.1 ***	.18	3.0 ***	.21	3.1 ***	.19	
		2	Some	110	13	1,392	18	19,041	19	49,078	19								
		3	Quite a bit	411	48	3,659	48	44,226	45	116,131	43								
		4	Very much	336	38	2,299	31	31,548	32	88,928	34								
		Total		872	100	7,549	100	98,533	100	264,425	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	11	1	172	2	2,895	3	8,655	4	3.3	3.1 ***	.20	3.1 ***	.22	3.1 ***	.22	
		2	Some	113	13	1,361	18	18,625	19	49,740	19								
		3	Quite a bit	363	41	3,329	44	41,273	42	109,027	41								
		4	Very much	386	44	2,684	36	35,647	36	96,660	36								
		Total		873	100	7,546	100	98,440	100	264,082	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	45	5	672	9	9,352	10	24,820	10	2.9	2.8 ***	.17	2.8 ***	.21	2.8 ***	.17	
		2	Some	219	25	2,220	29	28,414	30	73,060	28								
		3	Quite a bit	329	38	2,765	37	34,424	34	91,609	34								
		4	Very much	277	31	1,874	25	26,093	26	74,183	27								
		Total		870	100	7,531	100	98,283	100	263,672	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	39	5	505	6	7,642	8	19,274	8	2.9	2.8 ***	.12	2.8 ***	.15	2.8 **	.09	
		2	Some	207	24	2,314	30	28,813	30	72,811	28								
		3	Quite a bit	408	47	3,048	41	37,526	38	100,934	38								
		4	Very much	218	24	1,638	23	24,101	24	70,089	26								
		Total		872	100	7,505	100	98,082	100	263,108	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 2020 Frequencies and Statistical Comparisons

James Madison University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

		Your seniors compared with																
		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		
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	95	11	877	11	10,121	10	28,128	10	2.6	2.6	.03	2.7	-.03	2.7	-.01
		2	Sometimes	299	33	2,700	35	33,247	33	89,989	34							
		3	Often	312	37	2,538	35	34,936	36	92,902	36							
		4	Very often	157	19	1,311	18	18,757	20	49,471	20							
		Total		863	100	7,426	100	97,061	100	260,490	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	126	14	1,381	18	16,893	17	45,872	18	2.5	2.4 **	.10	2.5 *	.07	2.4 *	.08
		2	Sometimes	324	37	2,786	38	35,568	36	96,243	37							
		3	Often	269	32	2,143	30	28,679	30	76,677	30							
		4	Very often	143	17	1,073	15	15,507	16	40,678	16							
		Total		862	100	7,383	100	96,647	100	259,470	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	89	10	1,168	15	14,827	15	41,834	16	2.6	2.4 ***	.14	2.5 ***	.11	2.4 ***	.14
		2	Sometimes	335	38	2,862	39	36,745	38	100,001	38							
		3	Often	306	36	2,335	32	30,629	32	80,458	31							
		4	Very often	129	15	1,024	14	14,185	15	36,449	14							
		Total		859	100	7,389	100	96,386	100	258,742	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	52	7	372	5	6,046	7	14,845	6	6.6	7.7 ***	-.17	7.4 ***	-.12	7.7 ***	-.16
		1.5	1-2	195	23	1,218	17	17,068	18	43,655	17							
		4	3-5	243	27	2,182	30	27,737	29	73,894	29							
		8	6-10	200	23	1,678	22	21,162	22	57,820	22							
		13	11-15	95	11	850	11	10,645	11	28,760	11							
		18	16-20	28	3	451	7	5,365	5	15,287	6							
		23	More than 20	47	6	610	8	8,034	8	23,690	9							
		Total		860	100	7,361	100	96,057	100	257,951	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	217	26	1,548	22	22,999	25	58,619	24	3.3	3.5	-.06	3.5	-.05	3.7 **	-.09
		1.5	1-2	297	34	2,549	35	31,689	33	84,176	32							
		4	3-5	202	23	1,926	26	22,946	23	63,611	24							
		8	6-10	85	10	839	11	11,238	11	31,150	12							
		13	11-15	38	4	286	4	3,905	4	10,980	4							
		18	16-20	7	1	92	1	1,426	1	4,078	2							
		23	More than 20	10	1	99	1	1,546	2	4,518	2							
Total		856	100	7,339	100	95,749	100	257,132	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 2020 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		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	
c. 11 pages or more	wrlongnum	0	None	388	45	3,257	45	45,779	49	121,349	48	1.8	1.9	-.02	2.0	-.04	2.0	-.06	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	331	38	2,754	37	31,891	32	86,628	32								
		4	3-5	86	10	821	11	10,220	10	27,989	11								
		8	6-10	26	3	284	4	3,900	4	10,566	4								
		13	11-15	19	3	115	2	2,179	2	5,713	2								
		18	16-20	5	1	46	1	732	1	2,133	1								
		23	More than 20	5	1	74	1	1,211	1	3,291	1								
		Total		860	100	7,351	100	95,912	100	257,669	100								
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									72.8	79.1 *	-.07	78.9 *	-.06	82.4 **	-.10	
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	22	3	232	3	3,850	4	12,579	5	3.1	3.1	.05	3.1	-.02	3.1	.02	
		2	Sometimes	213	25	1,847	26	20,931	22	59,868	23								
		3	Often	275	32	2,441	33	29,821	31	79,798	31								
		4	Very often	350	40	2,808	38	41,283	43	105,209	41								
			Total	860	100	7,328	100	95,885	100	257,454	100								
b. People from an economic background other than your own	DDeconomic	1	Never	16	2	197	3	3,517	4	10,854	5	3.1	3.1	.05	3.1	.02	3.1	.05	
		2	Sometimes	204	24	1,686	24	20,535	22	57,825	22								
		3	Often	304	35	2,799	38	34,303	36	91,639	35								
		4	Very often	333	39	2,634	36	37,308	39	96,541	38								
			Total	857	100	7,316	100	95,663	100	256,859	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	28	3	315	5	5,002	5	16,572	6	3.1	3.0 *	.09	3.0	.06	3.0 ***	.11	
		2	Sometimes	202	24	1,832	26	23,268	24	67,667	26								
		3	Often	298	35	2,561	34	31,491	33	82,062	32								
		4	Very often	329	38	2,605	35	35,938	38	90,611	36								
			Total	857	100	7,313	100	95,699	100	256,912	100								
d. People with political views other than your own	DDpolitical	1	Never	21	2	355	5	5,901	6	16,891	7	3.1	3.0 ***	.12	2.9 ***	.13	2.9 ***	.15	
		2	Sometimes	238	27	2,066	28	26,973	28	73,171	28								
		3	Often	273	32	2,476	34	30,375	32	82,013	32								
		4	Very often	326	38	2,425	34	32,512	34	84,951	34								
			Total	858	100	7,322	100	95,761	100	257,026	100								

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NSSE 2020 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 Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
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	18	2	181	3	2,364	3	5,939	3	3.1	3.1	.05	3.1 *	.07	3.1	.03	
		2	Sometimes	143	18	1,419	20	19,134	21	49,511	20								
		3	Often	386	45	3,254	45	41,700	43	111,714	43								
		4	Very often	309	34	2,430	33	32,084	33	88,710	34								
		Total		856	100	7,284	100	95,282	100	255,874	100								
b. Reviewed your notes after class	LSnotes	1	Never	68	8	577	8	6,694	7	18,538	7	2.8	2.8	-.01	2.8	-.06	2.8 *	-.08	
		2	Sometimes	284	34	2,349	32	29,146	31	76,473	30								
		3	Often	258	30	2,433	34	31,503	33	85,037	33								
		4	Very often	243	27	1,924	26	27,859	29	75,611	30								
		Total		853	100	7,283	100	95,202	100	255,659	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	56	7	487	7	6,431	7	16,664	7	2.8	2.8	.02	2.8	.00	2.8	-.03	
		2	Sometimes	248	30	2,285	31	28,339	30	74,073	29								
		3	Often	320	38	2,739	38	35,306	37	95,443	37								
		4	Very often	227	26	1,762	24	25,126	26	69,452	27								
		Total		851	100	7,273	100	95,202	100	255,632	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	0	56	1	960	1	2,456	1	5.5	5.5	.02	5.5	.00	5.6 *	-.06	
		2		6	1	93	1	1,353	2	3,342	1								
		3		34	5	307	4	4,382	5	10,555	4								
		4		94	12	812	11	10,295	11	25,559	10								
		5		260	31	2,386	33	28,290	30	72,508	28								
		6		263	30	1,939	27	24,143	25	65,542	25								
		7	Very much	187	22	1,641	23	25,258	26	74,235	29								
		Total		847	100	7,234	100	94,681	100	254,197	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		35	4	441	6	8,737	9	25,306	10	61%	57% *	.09	51% ***	.22	48% ***	.27	
		Do not plan to do		114	14	976	15	14,144	16	40,939	17								
		Plan to do		162	21	1,546	22	23,278	25	60,524	24								
		Done or in progress		534	61	4,272	57	48,397	51	127,194	48								
		Total		845	100	7,235	100	94,556	100	253,963	100								

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NSSE 2020 Frequencies and Statistical Comparisons

James Madison University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

			Your seniors compared with														
			JMU	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	JMU	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020							
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	42	5	577	8	10,723	11	30,485	12	55%	42% ***	.26	37% ***	.38	34% ***	.43
		Do not plan to do	261	32	2,940	42	40,690	43	110,285	45							
		Plan to do	59	8	489	7	8,248	9	21,588	9							
		Done or in progress	484	55	3,206	42	34,720	37	91,127	34							
		Total	846	100	7,212	100	94,381	100	253,485	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	76	10	778	11	12,896	13	37,175	15	26%	26%	.00	24%	.05	22% *	.08
		Do not plan to do	454	54	3,906	55	48,853	53	130,396	52							
		Plan to do	79	11	599	8	9,608	10	25,932	10							
		Done or in progress	234	26	1,909	26	22,723	24	59,158	22							
		Total	843	100	7,192	100	94,080	100	252,661	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	37	5	608	8	10,640	11	29,764	12	27%	19% ***	.19	16% ***	.28	14% ***	.33
		Do not plan to do	522	62	4,653	67	61,010	65	166,545	67							
		Plan to do	44	6	426	6	6,809	7	17,441	7							
		Done or in progress	241	27	1,507	19	15,653	16	39,033	14							
		Total	844	100	7,194	100	94,112	100	252,783	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	80	10	890	13	14,303	15	38,961	16	34%	25% ***	.20	24% ***	.22	23% ***	.25
		Do not plan to do	417	49	3,669	52	45,707	48	124,114	49							
		Plan to do	57	7	772	11	11,599	13	29,657	12							
		Done or in progress	290	34	1,879	25	22,503	24	60,009	23							
		Total	844	100	7,210	100	94,112	100	252,741	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	38	5	519	7	9,203	10	24,349	10	58%	50% ***	.17	44% ***	.29	44% ***	.28
		Do not plan to do	190	23	1,553	21	20,172	22	49,639	21							
		Plan to do	121	14	1,494	22	22,078	24	60,726	25							
		Done or in progress	495	58	3,625	50	42,601	44	117,912	44							
		Total	844	100	7,191	100	94,054	100	252,626	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?																	
servcourse	1 None	231	29	2,757	38	34,378	39	93,717	39	1.8	1.8 **	.10	1.7 ***	.11	1.8 ***	.10	
		2 Some	521	60	3,627	51	47,919	50	126,153								49
		3 Most	79	9	668	9	9,435	9	25,904								10
		4 All	9	1	130	2	2,045	2	6,091								2
		Total	840	100	7,182	100	93,777	100	251,865								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 2020 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
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	5	1	63	1	1,065	1	2,970	1	5.9	5.5 ***	.30	5.6 ***	.25	5.6 ***	.24	
		2		7	1	105	1	1,457	2	3,851	2								
		3		18	2	274	4	3,560	4	9,612	4								
		4		50	6	752	11	9,239	10	24,531	10								
		5		165	19	2,014	27	23,514	25	61,135	24								
		6		275	33	2,147	30	26,502	28	68,845	27								
		7	Excellent	320	38	1,782	25	27,267	29	74,723	30								
		—	Not applicable	1	0	32	1	1,164	1	6,181	3								
			Total	841	100	7,169	100	93,768	100	251,848	100								
b. Academic advisors																			
	QIadvisor	1	Poor	31	3	414	5	4,284	5	10,505	4	5.2	5.0 ***	.14	5.2	.02	5.3	-.04	
		2		39	5	473	6	4,566	5	11,188	5								
		3		72	8	695	9	7,042	8	17,542	7								
		4		122	14	1,076	14	11,863	13	29,769	12								
		5		149	17	1,388	19	17,815	19	45,853	18								
		6		187	22	1,359	19	18,380	19	49,439	19								
		7	Excellent	233	29	1,676	26	28,568	30	83,579	33								
		—	Not applicable	9	1	90	1	1,176	1	3,782	2								
			Total	842	100	7,171	100	93,694	100	251,657	100								
c. Faculty																			
	QIfaculty	1	Poor	7	1	71	1	1,428	2	3,594	2	5.7	5.5 ***	.18	5.5 ***	.19	5.5 ***	.14	
		2		11	2	114	2	1,881	2	4,848	2								
		3		18	2	302	4	4,342	5	10,998	5								
		4		61	7	848	12	10,770	12	27,058	11								
		5		207	25	2,000	27	22,811	24	58,156	23								
		6		289	34	2,160	30	26,952	28	71,041	28								
		7	Excellent	242	29	1,650	24	24,757	26	73,505	29								
		—	Not applicable	3	0	21	0	710	1	2,389	1								
			Total	838	100	7,166	100	93,651	100	251,589	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 2020 Frequencies and Statistical Comparisons

James Madison University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

				Your seniors compared with															
				JMU	Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		JMU	Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020			
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	12	1	245	4	3,651	4	10,256	4	5.5	4.9 ***	.34	5.0 ***	.28	5.0 ***	.26	
		2		21	2	316	4	3,845	4	10,239	4								
		3		43	5	568	7	6,350	7	16,974	7								
		4		103	13	1,053	14	12,489	13	31,874	12								
		5		174	20	1,591	21	18,187	19	46,613	18								
		6		216	25	1,284	18	16,946	18	43,648	17								
		7	Excellent	220	27	1,085	15	16,936	18	48,338	19								
		—	Not applicable	51	6	1,020	16	15,203	17	43,516	19								
	Total	840	100	7,162	100	93,607	100	251,458	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	20	2	278	4	4,240	5	11,251	5	5.3	4.9 ***	.20	4.9 ***	.20	5.0 ***	.15	
		2		26	3	339	5	4,548	5	11,814	5								
		3		42	5	584	8	7,242	8	19,187	8								
		4		114	14	1,134	15	14,171	15	36,062	14								
		5		210	24	1,677	23	20,140	21	52,280	20								
		6		188	23	1,476	21	18,812	20	50,163	20								
		7	Excellent	180	22	1,175	17	17,990	19	54,933	22								
		—	Not applicable	63	7	503	7	6,531	8	15,863	7								
	Total	843	100	7,166	100	93,674	100	251,553	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	121	2	1,660	2	4,756	2	3.1	3.1	-.02	3.1 *	-.07	3.1 *	-.08	
		2	Some	164	20	1,377	20	17,254	19	45,687	19								
		3	Quite a bit	413	50	3,458	49	43,172	46	114,303	45								
		4	Very much	247	29	2,179	30	31,280	33	86,012	34								
			Total	837	100	7,135	100	93,366	100	250,758	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	31	5	331	5	4,626	5	12,860	6	3.0	2.9 ***	.14	2.9 ***	.14	2.9 ***	.11	
		2	Some	146	19	1,755	25	22,661	25	59,613	24								
		3	Quite a bit	396	46	3,220	45	40,369	43	105,592	42								
		4	Very much	260	30	1,814	26	25,503	27	72,211	28								
			Total	833	100	7,120	100	93,159	100	250,276	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	51	7	590	9	8,314	9	22,147	9	2.9	2.8 **	.11	2.8 **	.09	2.9 *	.07	
		2	Some	202	25	1,786	25	22,851	25	60,528	25								
		3	Quite a bit	305	37	2,830	39	35,696	38	94,050	37								
		4	Very much	273	31	1,898	26	26,232	27	73,342	29								
			Total	831	100	7,104	100	93,093	100	250,067	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 2020 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		Your seniors compared with							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
Item wording or description	Variable name ^c	Values ^d	Response options																
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	118	14	1,103	15	12,696	14	36,626	15	2.6	2.6	.02	2.6	-.06	2.6	-.05	
		2	Some	284	34	2,346	33	28,163	30	75,884	30								
		3	Quite a bit	260	31	2,258	32	30,596	32	80,228	32								
		4	Very much	172	21	1,396	20	21,538	23	56,943	23								
		Total		834	100	7,103	100	92,993	100	249,681	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	28	4	415	6	6,941	8	22,013	9	3.1	2.9 ***	.27	2.9 ***	.31	2.8 ***	.37	
		2	Some	133	17	1,708	24	23,676	26	65,420	27								
		3	Quite a bit	331	40	2,988	41	36,648	39	95,736	38								
		4	Very much	341	39	1,990	28	25,644	27	66,285	26								
		Total		833	100	7,101	100	92,909	100	249,454	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	57	7	769	11	9,350	10	29,597	12	2.9	2.8 ***	.18	2.8 ***	.17	2.7 ***	.23	
		2	Some	170	21	1,886	26	24,811	27	69,508	28								
		3	Quite a bit	352	43	2,719	38	34,394	37	88,840	35								
		4	Very much	250	29	1,712	25	24,247	26	61,219	24								
		Total		829	100	7,086	100	92,802	100	249,164	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	228	28	2,438	34	29,757	33	81,534	33	2.2	2.1 ***	.16	2.1 **	.11	2.1 **	.11	
		2	Some	294	35	2,546	36	32,929	35	87,144	35								
		3	Quite a bit	201	24	1,468	21	19,783	21	52,203	21								
		4	Very much	108	13	624	9	10,244	11	28,054	11								
		Total		831	100	7,076	100	92,713	100	248,935	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	59	7	835	13	12,642	13	42,881	18	2.9	2.6 ***	.27	2.6 ***	.24	2.5 ***	.34	
		2	Some	203	25	2,236	31	28,090	30	74,289	30								
		3	Quite a bit	330	40	2,642	37	32,317	35	82,143	32								
		4	Very much	240	27	1,352	19	19,573	22	49,332	20								
		Total		832	100	7,065	100	92,622	100	248,645	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	139	17	1,309	19	18,306	20	55,215	23	2.4	2.4	.06	2.3	.06	2.3 **	.11	
		2	Some	326	39	2,738	39	34,949	38	91,030	37								
		3	Quite a bit	242	29	2,172	30	26,597	28	68,761	27								
		4	Very much	121	14	849	12	12,790	14	33,706	13								
		Total		828	100	7,068	100	92,642	100	248,712	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 2020 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
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. To what extent do you agree or disagree with the following statements?																			
a. I feel comfortable being myself at this institution.	SBmyself <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	10	1	55	2	1,416	3	3,700	3	3.4	3.3 ***	.18	3.3 ***	.16	3.3 ***	.15	
		2	Disagree	51	7	196	7	4,088	7	10,149	7								
		3	Agree	336	40	1,341	49	29,037	47	70,067	47								
		4	Strongly agree	436	52	1,023	42	25,692	43	64,297	44								
		Total		833	100	2,615	100	60,233	100	148,213	100								
b. I feel valued by this institution.	SBvalued <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	29	4	174	7	3,891	7	9,596	7	3.1	2.9 ***	.26	2.9 ***	.21	2.9 ***	.17	
		2	Disagree	122	15	584	21	11,589	19	27,312	18								
		3	Agree	415	50	1,380	52	30,274	49	73,401	49								
		4	Strongly agree	265	31	471	21	14,429	24	37,767	26								
		Total		831	100	2,609	100	60,183	100	148,076	100								
c. I feel like part of the community at this institution.	SBcommunity <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	18	2	154	6	3,365	6	8,356	6	3.3	2.9 ***	.41	3.0 ***	.37	3.0 ***	.36	
		2	Disagree	85	10	499	18	11,135	19	26,926	18								
		3	Agree	375	46	1,402	52	30,146	49	73,286	49								
		4	Strongly agree	353	41	556	23	15,595	26	39,608	27								
		Total		831	100	2,611	100	60,241	100	148,176	100								
16. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	2	0	19	0	385	0	969	0	14.7	14.0 *	.08	14.9	-.01	14.9	-.02	
		3	1-5 hrs	101	13	958	14	12,248	13	32,034	13								
		8	6-10 hrs	185	22	1,743	25	21,556	23	57,077	23								
		13	11-15 hrs	177	22	1,588	23	19,369	21	51,277	21								
		18	16-20 hrs	169	20	1,252	17	16,615	18	44,987	18								
		23	21-25 hrs	95	11	698	10	9,737	10	26,817	11								
		28	26-30 hrs	47	5	382	5	5,427	6	15,300	6								
		33	More than 30 hrs	55	6	415	6	7,044	8	19,686	8								
Total		831	100	7,055	100	92,381	100	248,147	100										
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	119	16	2,257	34	36,830	40	105,021	44	8.0	5.7 ***	.32	5.2 ***	.38	5.0 ***	.42	
		3	1-5 hrs	267	30	2,160	30	26,448	29	67,568	26								
		8	6-10 hrs	208	25	1,204	17	12,599	14	31,812	12								
		13	11-15 hrs	119	14	655	9	7,405	8	18,711	7								
		18	16-20 hrs	57	7	393	5	4,370	5	11,705	5								
		23	21-25 hrs	33	4	191	3	2,330	3	6,248	2								
		28	26-30 hrs	10	1	66	1	860	1	2,598	1								
33	More than 30 hrs	17	2	107	1	1,403	2	4,063	2										
Total		830	100	7,033	100	92,245	100	247,726	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 2020 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b									
				JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		Your seniors compared with									
				JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020			
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. Working for pay on campus	tmworkonhrs	0	0 hrs	506	62	4,989	71	64,710	71	174,102	72	4.9	3.5 ***	.20	4.0 ***	.12	3.6 ***	.17			
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	37	4	338	5	4,175	4	12,330	4								▲	▲	▲
	8	6-10 hrs	114	13	646	9	7,338	8	20,815	7											
	13	11-15 hrs	79	9	493	7	6,405	7	16,189	6											
	18	16-20 hrs	52	6	354	5	5,964	7	15,151	6											
	23	21-25 hrs	18	2	131	2	1,868	2	4,593	2											
	28	26-30 hrs	7	1	39	1	699	1	1,694	1											
	33	More than 30 hrs	13	2	54	1	1,069	1	2,851	1											
	Total			826	100	7,044	100	92,228	100	247,725	100										
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	521	63	3,060	43	38,410	43	101,423	41	5.3	11.1 ***	-.48	11.8 ***	-.51	13.1 ***	-.58			
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	60	7	381	5	4,558	5	12,196	5								▼	▼	▼
	8	6-10 hrs	65	8	578	8	6,141	6	15,897	6											
	13	11-15 hrs	61	8	606	8	6,896	7	17,306	7											
	18	16-20 hrs	54	6	759	10	9,307	10	22,866	9											
	23	21-25 hrs	24	3	563	8	7,323	8	17,795	7											
	28	26-30 hrs	19	2	387	6	5,353	5	13,066	5											
	33	More than 30 hrs	24	3	720	12	14,349	16	47,394	21											
	Total			828	100	7,054	100	92,337	100	247,943	100										
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)									10.1	14.6 ***	-.36	15.7 ***	-.43	16.7 ***	-.48			
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	341	44	3,573	52	46,407	51	123,615	51	3.5	2.9 **	.11	3.3	.04	3.3	.04			
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	336	38	2,376	33	29,860	32	82,240	32								▲	▲	▲
	8	6-10 hrs	82	10	577	8	7,818	8	20,597	8											
	13	11-15 hrs	34	4	234	3	3,639	4	9,360	4											
	18	16-20 hrs	14	2	146	2	2,075	2	5,549	2											
	23	21-25 hrs	9	1	68	1	1,013	1	2,561	1											
	28	26-30 hrs	5	1	20	0	455	0	1,152	0											
	33	More than 30 hrs	6	1	49	1	1,006	1	2,703	1											
	Total			827	100	7,043	100	92,273	100	247,777	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 2020 Frequencies and Statistical Comparisons

James Madison University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

				Your seniors compared with															
				JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
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	
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	4	0	103	2	2,427	3	7,468	3	13.1	12.4 *	.09	11.5 ***	.19	10.9 ***	.26	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	128	15	1,417	20	22,898	24	66,731	27								
	8	6-10 hrs	232	27	2,030	28	25,886	28	70,115	28									
	13	11-15 hrs	213	25	1,460	20	18,065	20	46,123	18									
	18	16-20 hrs	138	18	1,000	14	11,210	13	28,603	12									
	23	21-25 hrs	54	7	436	6	4,850	5	11,923	5									
	28	26-30 hrs	15	2	199	3	2,189	3	5,383	2									
	33	More than 30 hrs	45	6	398	6	4,714	5	11,395	5									
	Total			829	100	7,043	100	92,239	100	247,741	100								
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	733	88	5,467	76	62,816	69	159,839	63	1.3	3.6 ***	-.28	4.8 ***	-.36	6.3 ***	-.45	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	48	6	586	8	9,828	10	25,887	10								
	8	6-10 hrs	13	2	241	4	4,650	5	12,640	5									
	13	11-15 hrs	12	2	177	3	3,102	3	8,387	4									
	18	16-20 hrs	6	1	127	2	2,231	2	6,676	3									
	23	21-25 hrs	6	1	66	1	1,315	1	3,792	2									
	28	26-30 hrs	2	0	29	0	808	1	2,627	1									
	33	More than 30 hrs	7	1	336	6	7,399	8	27,582	12									
	Total			827	100	7,029	100	92,149	100	247,430	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	45	6	1,025	16	15,754	16	63,793	25	4.8	5.1	-.05	5.5 ***	-.11	5.0	-.03	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	608	72	3,983	56	47,921	53	116,055	46								
	8	6-10 hrs	109	14	1,229	17	16,504	18	38,396	16									
	13	11-15 hrs	33	4	423	6	5,891	6	14,091	6									
	18	16-20 hrs	14	2	151	2	2,426	3	5,930	3									
	23	21-25 hrs	10	1	77	1	1,231	1	2,938	1									
	28	26-30 hrs	6	1	33	0	550	1	1,422	1									
	33	More than 30 hrs	5	1	127	2	2,035	2	5,210	2									
	Total			830	100	7,048	100	92,312	100	247,835	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 2020 Frequencies and Statistical Comparisons

James Madison University

Seniors

		Frequency Distributions ^a										Statistical Comparisons ^b															
												<i>Your seniors compared with</i>															
Item wording or description	Variable name ^c	Values ^d	Response options	JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		JMU	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020												
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e									
17. 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	74	9	1,026	15	13,892	16	33,627	14	2.9	2.7 ***	.17	2.7 ***	.18	2.8 **	.11									
		2	Some	254	31	2,213	32	27,408	31	71,072	29								△			△		△			
		3	About half	230	28	1,802	26	24,125	26	67,643	27																
		4	Most	173	21	1,411	20	18,617	19	52,555	21																
		5	Almost all	93	10	586	8	8,083	8	22,564	9																
			Total	824	100	7,038	100	92,125	100	247,461	100																
	tmreadinghrs											7.2	6.4 ***	.15	6.7 *	.09	7.1	.03									
	<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>										△											△					
	tmreadinghrscol	1	0 hrs	2	0	19	0	377	0	950	0																
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	384	48	3,582	52	45,766	51	117,790	49																
		3	More than 5, up to 10 hrs	252	31	2,102	29	26,274	28	71,749	29																
		4	More than 10, up to 15 hrs	83	9	640	9	9,193	10	25,907	10																
		5	More than 15, up to 20 hrs	53	6	369	5	5,092	5	14,811	6																
		6	More than 20, up to 25 hrs	29	3	214	3	3,441	4	10,395	4																
		7	More than 25 hrs	21	2	94	1	1,655	2	4,936	2																
			Total	824	100	7,020	100	91,798	100	246,538	100																
18. 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	27	4	345	5	4,804	6	12,594	6	3.1	3.0	.06	3.0 *	.07	3.0	.04									
		2	Some	172	22	1,506	22	19,796	22	51,767	21																
		3	Quite a bit	328	40	2,922	41	36,519	39	96,975	39																
		4	Very much	298	35	2,243	32	30,868	33	85,569	34																
			Total	825	100	7,016	100	91,987	100	246,905	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 2020 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b											
				JMU		Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020		Your seniors compared with											
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	JMU Mean	Faculty Salary Peers Mean	Effect size ^e		Community Engagement Mean	Effect size ^e		NSSE 2019 & 2020 Mean	Effect size ^e			
														Effect size ^e	Effect size ^e		Effect size ^e	Effect size ^e					
b. Speaking clearly and effectively	pgspeak	1	Very little	27	4	426	7	6,127	7	17,284	8	3.1	2.9 ***	.22	2.9 ***	.23	2.9 ***	.23	2.9 ***	.23			
		2	Some	143	18	1,617	23	21,278	24	56,750	23										△	△	△
		3	Quite a bit	319	38	2,808	39	34,953	37	92,725	37												
		4	Very much	334	40	2,162	31	29,599	32	80,134	32												
		Total		823	100	7,013	100	91,957	100	246,893	100												
c. Thinking critically and analytically	pgthink	1	Very little	9	1	124	2	2,009	3	5,144	2	3.4	3.3 ***	.17	3.3 ***	.17	3.3 ***	.16					
		2	Some	66	9	877	12	11,143	13	29,858	13								△	△	△		
		3	Quite a bit	279	34	2,733	38	35,032	37	92,674	37												
		4	Very much	469	55	3,274	47	43,806	48	119,327	48												
		Total		823	100	7,008	100	91,990	100	247,003	100												
d. Analyzing numerical and statistical information	pganalyze	1	Very little	70	8	730	10	8,191	9	23,786	9	3.0	2.8 ***	.14	2.9	.03	2.9	.06					
		2	Some	195	23	1,912	27	22,498	24	62,292	24								△				
		3	Quite a bit	273	33	2,336	33	31,029	34	82,173	33												
		4	Very much	284	36	2,037	30	30,262	34	78,687	33												
		Total		822	100	7,015	100	91,980	100	246,938	100												
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	42	5	576	8	7,680	9	19,623	9	3.1	2.9 ***	.15	2.9 ***	.17	3.0 ***	.14					
		2	Some	163	20	1,666	23	21,644	23	56,044	23								△	△	△		
		3	Quite a bit	285	35	2,482	35	31,725	34	84,926	34												
		4	Very much	332	40	2,290	34	30,915	34	86,369	35												
		Total		822	100	7,014	100	91,964	100	246,962	100												
f. Working effectively with others	pgothers	1	Very little	14	2	263	4	3,962	5	11,824	5	3.4	3.1 ***	.30	3.1 ***	.32	3.1 ***	.34					
		2	Some	86	12	1,343	19	17,751	20	48,606	20								▲	▲	▲		
		3	Quite a bit	287	35	2,805	39	35,798	38	94,627	38												
		4	Very much	436	51	2,595	38	34,443	37	91,845	37												
		Total		823	100	7,006	100	91,954	100	246,902	100												
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	51	7	711	11	9,144	11	23,508	11	3.0	2.8 ***	.22	2.8 ***	.22	2.9 ***	.18					
		2	Some	153	19	1,801	26	22,264	25	57,668	24								△	△	△		
		3	Quite a bit	300	36	2,459	34	32,006	34	85,797	34												
		4	Very much	319	38	2,032	29	28,491	30	79,769	31												
		Total		823	100	7,003	100	91,905	100	246,742	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 2020 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 Engagement		NSSE 2019 & 2020		JMU	Faculty Salary Peers		Community Engagement		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	57	8	597	9	7,701	9	21,613	10	2.9	2.8 **	.10	2.9	.05	2.9	.05
		2	Some	195	25	1,931	28	22,301	25	60,721	25							
		3	Quite a bit	285	34	2,437	34	32,032	34	84,879	34							
		4	Very much	288	34	2,049	29	29,902	32	79,649	32							
		Total		825	100	7,014	100	91,936	100	246,862	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	41	6	573	8	7,586	9	20,500	9	3.0	2.9 ***	.19	2.9 ***	.18	2.9 ***	.18
		2	Some	176	22	1,865	26	23,941	26	64,513	26							
		3	Quite a bit	305	37	2,629	37	33,278	36	88,454	35							
		4	Very much	300	36	1,940	28	27,149	30	73,404	30							
		Total		822	100	7,007	100	91,954	100	246,871	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	64	8	789	11	10,791	13	29,382	13	2.9	2.7 ***	.16	2.7 ***	.17	2.7 ***	.16
		2	Some	211	27	2,143	30	26,695	29	70,705	29							
		3	Quite a bit	281	34	2,314	32	30,138	32	80,427	32							
		4	Very much	269	31	1,769	26	24,405	26	66,585	27							
		Total		825	100	7,015	100	92,029	100	247,099	100							
19. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	14	2	128	2	2,232	3	5,944	3	3.5	3.3 ***	.27	3.2 ***	.31	3.2 ***	.29
		2	Fair	40	6	797	11	11,108	12	29,246	12							
		3	Good	296	36	3,203	45	41,243	44	107,747	43							
		4	Excellent	477	56	2,914	42	37,750	41	105,040	42							
		Total		827	100	7,042	100	92,333	100	247,977	100							
20. If you could start over again, would you go to the same institution you are now attending?																		
	sameinst	1	Definitely no	20	3	275	4	4,066	5	11,504	5	3.4	3.2 ***	.25	3.2 ***	.26	3.2 ***	.25
		2	Probably no	57	7	897	13	11,404	12	30,802	12							
		3	Probably yes	268	34	2,799	39	36,368	39	95,309	38							
		4	Definitely yes	485	56	3,088	44	40,798	44	111,070	45							
		Total		830	100	7,059	100	92,636	100	248,685	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 2020 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 Engagement	NSSE 2019 & 2020	JMU	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	JMU	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:						
														Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020				
1 a. askquest	1,031	2.71	2.78	2.76	2.80	.025	.010	.003	.002	.82	.82	.84	.85	8,121	94,210	240,311	.013	.088	.001	-.08	-.05	-.10				
b. unpreparedr	1,028	2.98	3.02	3.02	3.07	.022	.009	.003	.002	.71	.76	.78	.77	1,386	1,054	1,038	.073	.055	.000	-.06	-.06	-.12				
c. attendart	1,025	1.77	1.83	1.83	1.85	.027	.010	.003	.002	.85	.88	.90	.92	8,094	93,546	1,035	.045	.038	.003	-.07	-.07	-.09				
d. CLaskhelp	1,024	2.64	2.64	2.66	2.60	.025	.010	.003	.002	.80	.84	.87	.90	1,373	1,050	1,034	.862	.293	.097	-.01	-.03	.05				
e. CLexplain	1,023	2.76	2.77	2.76	2.69	.023	.009	.003	.002	.75	.79	.81	.85	1,370	1,049	1,034	.897	.736	.001	.00	.01	.09				
f. CLstudy	1,020	2.67	2.57	2.60	2.53	.027	.011	.003	.002	.87	.93	.96	.98	1,381	1,047	1,030	.001	.011	.000	.10	.07	.14				
g. CLproject	1,014	2.81	2.72	2.70	2.63	.024	.010	.003	.002	.78	.81	.85	.89	1,349	1,040	1,024	.001	.000	.000	.11	.13	.20				
h. present	1,016	2.50	2.34	2.28	2.27	.025	.010	.003	.002	.80	.86	.89	.91	7,970	1,043	1,026	.000	.000	.000	.19	.25	.25				
2 a. RIintegrate	1,004	2.65	2.62	2.59	2.57	.025	.010	.003	.002	.78	.80	.83	.85	7,859	1,029	1,013	.263	.022	.003	.04	.07	.09				
b. RISocietal	998	2.63	2.61	2.57	2.56	.026	.010	.003	.002	.81	.84	.87	.88	1,337	1,023	1,007	.582	.020	.013	.02	.07	.07				
c. RIDiverse	990	2.58	2.61	2.57	2.56	.026	.011	.003	.002	.80	.87	.89	.90	1,348	1,017	1,000	.203	.724	.526	-.04	.01	.02				
d. Rlownview	983	2.77	2.76	2.76	2.77	.024	.009	.003	.002	.74	.77	.80	.81	7,680	1,008	992	.777	.695	.913	.01	.01	.00				
e. Rlperspect	970	2.92	2.92	2.91	2.92	.024	.009	.003	.002	.73	.76	.78	.79	7,567	995	979	.800	.679	.921	.01	.01	.00				
f. RInewview	967	2.83	2.85	2.85	2.86	.023	.009	.003	.002	.73	.76	.78	.79	7,480	992	976	.521	.441	.312	-.02	-.02	-.03				
g. RIconnect	958	3.02	3.05	3.03	3.03	.022	.009	.003	.002	.68	.71	.73	.74	1,297	984	967	.158	.474	.404	-.05	-.02	-.02				
3 a. SFcareer	949	2.26	2.30	2.32	2.33	.029	.011	.003	.002	.89	.91	.92	.93	1,259	971	957	.169	.025	.019	-.05	-.07	-.07				
b. SFotherwork	947	1.77	1.78	1.80	1.80	.028	.011	.003	.002	.87	.91	.92	.92	1,278	971	956	.707	.255	.232	-.01	-.04	-.04				
c. SFdiscuss	942	2.08	2.03	2.01	2.02	.027	.011	.003	.002	.83	.87	.89	.90	7,281	81,717	951	.105	.013	.015	.06	.08	.07				
d. SFperform	938	2.11	2.09	2.12	2.14	.028	.011	.003	.002	.86	.87	.88	.89	7,264	81,549	946	.726	.688	.180	.01	-.01	-.04				
4 a. memorize	933	3.03	2.96	2.94	2.91	.025	.010	.003	.002	.75	.78	.80	.80	7,222	957	942	.011	.000	.000	.09	.11	.15				
b. HOapply	930	2.98	2.93	2.93	2.91	.023	.010	.003	.002	.72	.75	.79	.80	1,256	955	939	.056	.022	.003	.06	.07	.09				
c. HOanalyze	926	2.99	2.91	2.91	2.90	.025	.010	.003	.002	.75	.78	.80	.81	1,245	950	935	.004	.001	.000	.10	.10	.11				
d. HOevaluate	920	2.96	2.88	2.88	2.89	.025	.010	.003	.002	.75	.78	.81	.81	1,238	945	929	.002	.001	.005	.11	.10	.09				
e. HOform	914	2.91	2.86	2.88	2.89	.025	.010	.003	.002	.77	.78	.80	.80	7,031	937	923	.069	.214	.450	.06	.04	.02				
5 a. ETgoals	914	3.06	3.04	3.05	3.06	.025	.010	.003	.002	.75	.75	.77	.78	6,999	77,925	200,050	.472	.671	.904	.03	.01	.00				
b. ETorganize	905	3.01	2.98	2.98	2.99	.026	.010	.003	.002	.78	.77	.81	.82	6,969	927	913	.279	.242	.412	.04	.04	.03				
c. ETexample	907	3.04	3.02	3.01	3.02	.026	.010	.003	.002	.78	.78	.81	.82	6,961	77,527	915	.403	.289	.351	.03	.04	.03				
d. ETdraftfb	906	2.73	2.75	2.77	2.81	.028	.011	.003	.002	.84	.89	.90	.91	6,945	930	915	.454	.148	.002	-.03	-.05	-.09				
e. ETfeedback	906	2.67	2.65	2.68	2.73	.029	.011	.003	.002	.86	.87	.90	.90	6,924	929	914	.430	.810	.038	.03	-.01	-.07				
6 a. QRconclude	896	2.50	2.58	2.60	2.58	.028	.011	.003	.002	.84	.85	.86	.87	6,842	76,079	195,305	.009	.000	.007	-.09	-.12	-.09				
b. QRproblem	895	2.36	2.35	2.35	2.33	.029	.012	.003	.002	.87	.89	.91	.92	6,811	918	903	.857	.697	.275	.01	.01	.03				
c. QRevaluate	891	2.39	2.37	2.36	2.33	.028	.011	.003	.002	.84	.86	.88	.89	6,762	914	900	.546	.330	.028	.02	.03	.07				

NSSE 2020 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 Engagement	NSSE 2019 & 2020	JMU	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	JMU	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:		
														Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020
7 a. wrshortnum	889	5.47	6.42	6.48	6.49	.171	.071	.021	.013	5.11	5.40	5.64	5.69	1,210	914	898	.000	.000	.000	-.18	-.18	-.18
b. wrmednum	889	1.68	2.21	2.32	2.32	.094	.042	.012	.008	2.81	3.24	3.35	3.40	1,275	918	900	.000	.000	.000	-.17	-.19	-.19
c. wrlongnum	887	.64	.85	.97	1.00	.077	.035	.011	.007	2.29	2.64	2.87	2.95	1,271	919	899	.013	.000	.000	-.08	-.12	-.12
— wrpages	884	39.45	48.96	52.17	52.52	1.978	.875	.266	.169	58.80	66.65	72.15	73.79	1,255	915	896	.000	.000	.000	-.14	-.18	-.18
8 a. DDrace	881	3.07	3.05	3.08	3.04	.029	.011	.003	.002	.86	.86	.88	.91	6,705	74,914	192,037	.472	.895	.311	.03	.00	.03
b. DDeconomic	878	3.07	3.06	3.05	3.02	.027	.011	.003	.002	.81	.83	.86	.88	6,689	901	887	.685	.509	.097	.01	.02	.05
c. DDreligion	880	3.04	3.01	2.99	2.94	.030	.011	.003	.002	.88	.87	.91	.94	6,691	74,730	889	.416	.123	.001	.03	.05	.11
d. DDpolitical	881	3.08	2.99	2.93	2.89	.028	.011	.003	.002	.83	.88	.92	.94	6,690	906	891	.004	.000	.000	.11	.17	.20
9 a. LSreading	873	3.09	3.00	2.99	3.00	.024	.010	.003	.002	.70	.74	.77	.77	6,661	74,183	190,218	.002	.000	.001	.12	.13	.12
b. LSnotes	870	2.92	2.91	2.90	2.91	.029	.011	.003	.002	.85	.86	.88	.88	6,642	891	189,967	.867	.538	.911	.01	.02	.00
c. LSsummary	874	2.84	2.82	2.81	2.83	.029	.011	.003	.002	.85	.84	.87	.87	6,654	74,071	189,987	.569	.356	.779	.02	.03	.01
10. challenge	867	5.46	5.32	5.37	5.42	.036	.015	.005	.003	1.07	1.17	1.22	1.24	6,616	893	877	.001	.009	.240	.13	.08	.03
11 a. intern ^l	868	.057	.066	.074	.073	.0079	.0033	.0010	.0006	--	--	--	--	--	--	--	.332	.054	.069	-.04	-.07	-.07
b. leader ^l	868	.112	.110	.107	.103	.0107	.0041	.0012	.0007	--	--	--	--	--	--	--	.843	.633	.336	.01	.02	.03
c. learncom ^l	866	.099	.130	.150	.127	.0101	.0045	.0013	.0008	--	--	--	--	--	--	--	.010	.000	.012	-.10	-.16	-.09
d. abroad ^l	860	.031	.028	.030	.028	.0059	.0022	.0006	.0004	--	--	--	--	--	--	--	.659	.913	.595	.02	.00	.02
e. research ^l	864	.029	.051	.048	.047	.0057	.0029	.0008	.0005	--	--	--	--	--	--	--	.005	.009	.014	-.11	-.10	-.09
f. capstone ^l	861	.011	.015	.020	.020	.0036	.0016	.0005	.0003	--	--	--	--	--	--	--	.458	.069	.068	-.03	-.07	-.07
12. servcourse	862	1.57	1.57	1.61	1.64	.023	.009	.003	.002	.69	.66	.69	.71	6,532	72,646	185,959	.828	.065	.006	.01	-.06	-.09
13 a. QIstudent	859	5.74	5.39	5.45	5.45	.040	.018	.005	.003	1.17	1.32	1.33	1.36	1,218	886	870	.000	.000	.000	.27	.22	.22
b. QIadvisor	839	5.35	5.29	5.36	5.38	.054	.022	.006	.004	1.57	1.60	1.57	1.58	6,312	71,051	181,470	.282	.919	.537	.04	.00	-.02
c. QIfaculty	857	5.59	5.35	5.36	5.41	.038	.017	.005	.003	1.12	1.27	1.34	1.37	1,214	886	868	.000	.000	.000	.19	.17	.13
d. QIstaff	800	5.58	5.14	5.18	5.19	.046	.021	.006	.004	1.29	1.50	1.54	1.58	1,153	828	811	.000	.000	.000	.30	.26	.25
e. QIadmin	764	5.42	5.05	5.11	5.15	.049	.022	.006	.004	1.36	1.55	1.56	1.59	1,084	786	772	.000	.000	.000	.24	.20	.17
14 a. empstudy	857	3.03	3.06	3.08	3.08	.024	.010	.003	.002	.71	.72	.74	.75	6,486	878	864	.329	.079	.043	-.04	-.06	-.07
b. SEacademic	855	3.10	3.03	3.04	3.04	.027	.011	.003	.002	.79	.79	.81	.83	1,131	71,861	183,989	.013	.024	.034	.09	.08	.07
c. SElearnsup	852	3.16	3.11	3.09	3.10	.029	.011	.003	.002	.86	.84	.87	.88	1,117	71,804	183,883	.106	.022	.038	.06	.08	.07
d. SEdiverse	850	2.83	2.75	2.78	2.76	.031	.013	.004	.002	.90	.94	.94	.95	1,150	872	858	.012	.074	.031	.09	.06	.07
e. SESocial	851	3.22	3.02	2.99	2.96	.026	.011	.003	.002	.75	.82	.86	.88	6,433	71,572	861	.000	.000	.000	.25	.26	.30
f. SEwellness	854	3.19	2.97	2.96	2.91	.027	.012	.003	.002	.79	.86	.88	.90	6,414	879	864	.000	.000	.000	.26	.26	.31

NSSE 2020 Frequencies and Statistical Comparisons

Detailed Statistics^g

James Madison University

First-Year Students

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	JMU	JMU	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	JMU	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	JMU	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:						
														Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020				
g. SEnonacad	853	2.57	2.31	2.35	2.35	.030	.013	.004	.002	.89	.94	.96	.97	6,412	876	861	.000	.000	.000	.28	.23	.23				
h. SEactivities	852	3.01	2.88	2.86	2.79	.028	.012	.003	.002	.81	.87	.91	.95	1,176	877	862	.000	.000	.000	.15	.17	.23				
i. SEevents	850	2.64	2.52	2.49	2.46	.032	.012	.004	.002	.92	.92	.94	.96	6,401	71,337	857	.001	.000	.000	.13	.16	.18				
15 a. SBmyself	853	3.35	3.18	3.26	3.26	.023	.015	.003	.002	.67	.66	.68	.69	1,614	41,825	103,089	.000	.000	.000	.25	.13	.13				
b. SBvalued	853	3.17	2.89	2.99	3.01	.023	.016	.004	.002	.68	.73	.74	.75	2,816	894	869	.000	.000	.000	.39	.24	.22				
c. SBcommunity	852	3.23	2.94	3.01	3.01	.024	.017	.004	.002	.69	.73	.76	.77	1,703	894	868	.000	.000	.000	.41	.29	.28				
16 a. tmprephrs	848	15.21	14.35	14.61	14.41	.255	.103	.031	.019	7.44	7.64	8.13	8.15	6,372	872	857	.002	.019	.002	.11	.07	.10				
b. tmcocurrhrs	845	7.55	6.17	5.68	5.60	.243	.091	.026	.017	7.06	6.72	6.85	7.04	6,360	70,827	181,303	.000	.000	.000	.20	.27	.28				
c. tmworkonhrs	845	1.78	2.16	2.44	2.43	.166	.072	.022	.014	4.81	5.34	5.75	5.77	1,186	873	855	.033	.000	.000	-.07	-.12	-.11				
d. tmworkoffhrs	846	1.86	3.56	4.92	5.94	.192	.100	.034	.024	5.59	7.45	8.96	10.13	1,353	898	871	.000	.000	.000	-.24	-.34	-.40				
— tmworkhrs	843	3.57	5.68	7.33	8.33	.297	.132	.041	.028	8.63	9.78	10.87	11.69	1,200	875	857	.000	.000	.000	-.22	-.35	-.41				
e. tmservicehrs	847	2.70	2.22	2.48	2.52	.177	.060	.018	.012	5.15	4.47	4.74	4.90	1,050	70,881	181,472	.011	.176	.276	.10	.05	.04				
f. tmrelaxhrs	846	14.08	14.10	13.02	12.55	.283	.116	.032	.020	8.23	8.64	8.55	8.62	1,150	70,897	181,451	.952	.000	.000	.00	.12	.18				
g. tmcarehrs	847	1.21	1.41	2.11	3.08	.144	.060	.022	.018	4.18	4.47	5.75	7.56	6,348	885	872	.224	.000	.000	-.04	-.16	-.25				
h. tmcommutehrs	845	3.07	3.12	4.25	4.10	.194	.070	.023	.015	5.65	5.20	6.21	6.35	6,371	868	854	.789	.000	.000	-.01	-.19	-.16				
17. reading	847	2.90	2.73	2.65	2.71	.038	.014	.004	.003	1.10	1.07	1.08	1.09	6,358	70,736	181,156	.000	.000	.000	.16	.23	.17				
— tmreadinghrs	846	7.42	6.44	6.29	6.46	.201	.072	.021	.013	5.86	5.34	5.56	5.70	1,073	864	853	.000	.000	.000	.18	.20	.17				
18 a. pgwrite	846	2.77	2.73	2.76	2.80	.030	.011	.003	.002	.86	.83	.87	.87	6,328	70,471	180,312	.169	.651	.369	.05	.02	-.03				
b. pgspeak	846	2.86	2.61	2.65	2.68	.029	.012	.003	.002	.83	.88	.92	.92	1,157	870	854	.000	.000	.000	.28	.23	.19				
c. pgthink	847	3.11	3.04	3.07	3.08	.026	.010	.003	.002	.76	.77	.80	.80	6,330	70,479	180,321	.013	.097	.168	.09	.06	.05				
d. pganalyze	846	2.67	2.66	2.71	2.68	.031	.012	.004	.002	.89	.90	.93	.94	6,330	70,456	854	.700	.283	.966	.01	-.04	.00				
e. pgwork	844	2.68	2.59	2.60	2.63	.030	.013	.004	.002	.88	.93	.95	.95	1,151	867	852	.006	.007	.095	.10	.09	.05				
f. pgothers	844	3.04	2.85	2.85	2.86	.027	.011	.003	.002	.79	.84	.87	.88	1,155	868	853	.000	.000	.000	.23	.22	.22				
g. pgvalues	842	2.86	2.66	2.69	2.72	.030	.012	.004	.002	.86	.90	.94	.94	1,145	865	850	.000	.000	.000	.22	.18	.15				
h. pgdiverse	845	2.81	2.77	2.81	2.81	.031	.012	.003	.002	.89	.90	.92	.93	6,319	70,463	180,227	.192	.993	.946	.05	.00	.00				
i. pgprobsolve	844	2.76	2.63	2.66	2.66	.031	.012	.004	.002	.90	.89	.92	.93	6,319	865	852	.000	.001	.001	.15	.12	.11				
j. pgcitizen	845	2.80	2.63	2.65	2.66	.030	.012	.004	.002	.88	.92	.94	.94	1,148	867	853	.000	.000	.000	.19	.16	.15				
19. evalexp	850	3.35	3.18	3.18	3.18	.023	.009	.003	.002	.67	.70	.73	.74	1,154	70,902	181,414	.000	.000	.000	.24	.24	.23				
20. sameinst	854	3.43	3.21	3.22	3.21	.024	.011	.003	.002	.71	.78	.79	.80	6,369	71,244	182,236	.000	.000	.000	.29	.27	.28				
21. returnexp ¹	857	.916	.891	.893	.879	.0095	.0042	.0012	.0008	--	--	--	--	--	--	--	.028	.029	.001	.08	.08	.12				

NSSE 2020 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 Engagement	NSSE 2019 & 2020	JMU	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	JMU	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:		
														Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020
1 a. askquest	979	3.13	3.08	3.00	3.05	.026	.009	.002	.002	.81	.85	.88	.88	10,551	995	985	.084	.000	.004	.06	.15	.08
b. unpreparedr	984	2.89	2.93	2.94	3.02	.025	.008	.002	.001	.77	.81	.83	.82	10,545	1,000	324,662	.209	.087	.000	-.04	-.05	-.15
c. attendart	979	1.77	1.77	1.75	1.75	.028	.009	.002	.002	.87	.88	.88	.89	10,522	132,475	324,957	.958	.552	.365	.00	.02	.03
d. CLaskhelp	977	2.70	2.53	2.52	2.42	.027	.009	.003	.002	.85	.88	.91	.93	1,204	993	984	.000	.000	.000	.19	.19	.29
e. CLexplain	976	2.96	2.83	2.79	2.70	.026	.008	.002	.002	.80	.82	.85	.90	1,190	991	982	.000	.000	.000	.17	.20	.29
f. CLstudy	967	2.76	2.56	2.55	2.46	.029	.010	.003	.002	.91	.97	.99	1.02	1,202	983	973	.000	.000	.000	.21	.21	.30
g. CLproject	964	3.16	2.98	2.91	2.81	.026	.009	.002	.002	.79	.85	.89	.95	10,431	981	971	.000	.000	.000	.21	.28	.37
h. present	964	2.98	2.86	2.72	2.67	.029	.009	.003	.002	.89	.91	.95	.98	1,175	979	970	.000	.000	.000	.13	.28	.32
2 a. RIintegrate	957	3.08	3.00	2.93	2.91	.026	.008	.002	.002	.80	.80	.84	.85	1,161	129,509	317,776	.003	.000	.000	.10	.17	.20
b. RISocietal	955	2.94	2.83	2.76	2.78	.028	.009	.003	.002	.85	.88	.91	.91	1,171	970	961	.000	.000	.000	.13	.20	.18
c. RIDiverse	946	2.81	2.66	2.59	2.62	.029	.010	.003	.002	.90	.94	.97	.96	1,164	961	951	.000	.000	.000	.15	.22	.20
d. Rlownview	945	2.94	2.84	2.83	2.85	.026	.008	.002	.001	.79	.81	.83	.83	1,155	960	950	.000	.000	.000	.13	.14	.12
e. Rlperspect	934	3.04	2.99	2.98	2.98	.025	.008	.002	.001	.77	.78	.80	.80	10,032	125,225	308,104	.102	.019	.044	.06	.08	.07
f. RInewview	924	3.05	2.96	2.96	2.97	.026	.008	.002	.001	.78	.77	.79	.79	9,922	123,695	304,741	.001	.000	.001	.12	.12	.11
g. RIconnect	912	3.27	3.21	3.18	3.19	.022	.007	.002	.001	.67	.70	.73	.73	9,858	122,514	301,979	.011	.000	.001	.09	.13	.11
3 a. SFcareer	912	2.66	2.53	2.45	2.45	.032	.010	.003	.002	.98	.98	.99	.99	9,850	122,382	301,884	.000	.000	.000	.13	.21	.21
b. SFotherwork	912	2.21	2.04	1.99	1.96	.035	.011	.003	.002	1.05	1.02	1.02	1.02	1,092	924	916	.000	.000	.000	.17	.21	.24
c. SFdiscuss	901	2.46	2.24	2.17	2.16	.030	.010	.003	.002	.89	.93	.95	.96	9,774	120,894	298,456	.000	.000	.000	.23	.30	.32
d. SFperform	904	2.31	2.22	2.19	2.22	.031	.010	.003	.002	.95	.91	.92	.93	1,082	916	909	.004	.000	.003	.10	.13	.10
4 a. memorize	897	2.81	2.77	2.80	2.76	.029	.009	.003	.002	.86	.87	.87	.88	9,729	120,160	902	.123	.780	.056	.05	.01	.06
b. HOapply	893	3.13	3.07	3.07	3.07	.025	.008	.002	.001	.76	.77	.79	.79	9,691	119,642	295,385	.038	.019	.021	.07	.08	.08
c. HOanalyze	890	3.07	3.02	3.02	3.03	.026	.009	.002	.002	.78	.81	.82	.81	9,618	118,658	292,879	.129	.118	.203	.05	.05	.04
d. HOevaluate	886	2.97	2.93	2.91	2.94	.028	.009	.003	.002	.82	.85	.86	.85	1,087	900	891	.116	.026	.319	.05	.07	.03
e. HOform	882	2.97	2.95	2.94	2.96	.026	.009	.002	.002	.77	.80	.83	.82	1,086	897	887	.527	.341	.942	.02	.03	.00
5 a. ETgoals	875	3.27	3.17	3.13	3.15	.024	.008	.002	.001	.72	.74	.78	.78	9,512	116,769	288,592	.000	.000	.000	.14	.17	.15
b. ETorganize	874	3.22	3.08	3.04	3.06	.025	.008	.002	.002	.73	.77	.82	.83	9,494	116,451	287,851	.000	.000	.000	.18	.21	.19
c. ETexample	875	3.28	3.13	3.11	3.10	.025	.008	.002	.002	.74	.78	.82	.83	9,494	116,324	287,458	.000	.000	.000	.20	.22	.22
d. ETdraftfb	872	2.95	2.79	2.75	2.79	.030	.010	.003	.002	.88	.92	.95	.96	1,073	887	878	.000	.000	.000	.17	.21	.17
e. ETfeedback	874	2.91	2.80	2.77	2.83	.027	.009	.003	.002	.81	.86	.91	.91	1,083	889	880	.000	.000	.005	.12	.15	.09
6 a. QRconclude	863	2.64	2.61	2.67	2.65	.031	.010	.003	.002	.91	.91	.91	.91	9,352	114,441	283,097	.340	.325	.690	.03	-.03	-.01
b. QRproblem	863	2.52	2.42	2.45	2.44	.032	.010	.003	.002	.94	.95	.96	.96	9,306	113,909	281,836	.004	.047	.021	.10	.07	.08
c. QRevaluate	860	2.57	2.45	2.47	2.44	.030	.010	.003	.002	.87	.92	.92	.92	1,063	873	865	.000	.001	.000	.14	.11	.14

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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 Engagement	NSSE 2019 & 2020	JMU	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	JMU	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:		
														Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020
7 a. wrshortnum	862	6.61	7.74	7.37	7.70	.201	.071	.020	.013	5.91	6.52	6.54	6.69	1,088	878	868	.000	.000	.000	-.17	-.12	-.16
b. wrmednum	858	3.26	3.52	3.47	3.67	.141	.046	.013	.009	4.14	4.24	4.43	4.59	9,247	112,704	863	.088	.166	.004	-.06	-.05	-.09
c. wrlongnum	862	1.81	1.87	1.96	2.02	.113	.037	.011	.007	3.31	3.43	3.81	3.88	9,278	879	869	.607	.166	.054	-.02	-.04	-.06
— wrpages	857	72.77	79.06	78.93	82.37	3.055	.975	.291	.188	89.42	89.13	96.99	98.95	9,218	872	863	.049	.045	.002	-.07	-.06	-.10
8 a. DDrace	862	3.10	3.06	3.12	3.08	.030	.010	.003	.002	.87	.88	.90	.92	9,251	112,834	279,370	.175	.503	.549	.05	-.02	.02
b. DDeconomic	859	3.11	3.06	3.09	3.06	.028	.009	.003	.002	.83	.84	.87	.88	9,225	112,561	278,657	.136	.578	.114	.05	.02	.05
c. DDreligion	859	3.08	3.00	3.02	2.97	.029	.010	.003	.002	.86	.89	.91	.94	9,227	112,595	865	.015	.090	.000	.09	.06	.11
d. DDpolitical	860	3.06	2.96	2.94	2.92	.030	.010	.003	.002	.87	.90	.93	.94	9,237	874	865	.001	.000	.000	.12	.13	.15
9 a. LSreading	858	3.12	3.08	3.06	3.09	.027	.009	.002	.002	.78	.79	.80	.80	9,205	112,041	277,484	.177	.049	.346	.05	.07	.03
b. LSnotes	855	2.77	2.78	2.83	2.85	.032	.010	.003	.002	.94	.92	.93	.93	9,198	111,925	277,207	.816	.082	.015	-.01	-.06	-.08
c. LSsummary	853	2.82	2.80	2.82	2.85	.031	.010	.003	.002	.89	.89	.90	.90	9,173	111,927	277,177	.560	.940	.312	.02	.00	-.03
10. challenge	849	5.47	5.45	5.47	5.56	.041	.014	.004	.002	1.19	1.23	1.31	1.30	9,138	864	854	.592	.922	.046	.02	.00	-.06
11 a. intern ^l	848	.613	.570	.506	.481	.0167	.0054	.0015	.0010	--	--	--	--	--	--	--	.015	.000	.000	.09	.22	.27
b. leader ^l	848	.553	.425	.366	.342	.0171	.0054	.0015	.0009	--	--	--	--	--	--	--	.000	.000	.000	.26	.38	.43
c. learncom ^l	845	.257	.259	.237	.224	.0150	.0048	.0013	.0008	--	--	--	--	--	--	--	.894	.177	.023	.00	.05	.08
d. abroad ^l	845	.272	.192	.159	.139	.0153	.0043	.0011	.0007	--	--	--	--	--	--	--	.000	.000	.000	.19	.28	.33
e. research ^l	846	.341	.251	.240	.227	.0163	.0048	.0013	.0008	--	--	--	--	--	--	--	.000	.000	.000	.20	.22	.25
f. capstone ^l	846	.582	.499	.439	.444	.0170	.0055	.0015	.0010	--	--	--	--	--	--	--	.000	.000	.000	.17	.29	.28
12. servcourse	842	1.82	1.76	1.74	1.75	.022	.008	.002	.001	.63	.70	.71	.72	1,063	857	848	.004	.000	.001	.10	.11	.10
13 a. QIstudent	842	5.92	5.55	5.59	5.60	.040	.014	.004	.003	1.17	1.24	1.31	1.33	1,045	858	848	.000	.000	.000	.30	.25	.24
b. QIadvisor	834	5.22	4.97	5.18	5.29	.058	.020	.005	.003	1.68	1.79	1.76	1.74	8,954	108,697	268,400	.000	.494	.258	.14	.02	-.04
c. QIfaculty	836	5.73	5.50	5.47	5.54	.041	.014	.004	.003	1.19	1.27	1.38	1.38	1,039	852	842	.000	.000	.000	.18	.19	.14
d. QIstaff	792	5.46	4.91	4.99	5.01	.051	.019	.006	.004	1.42	1.61	1.67	1.71	1,039	810	799	.000	.000	.000	.34	.28	.26
e. QIadmin	786	5.27	4.95	4.94	5.02	.052	.018	.005	.003	1.47	1.62	1.68	1.70	992	801	792	.000	.000	.000	.20	.20	.15
14 a. empstudy	840	3.05	3.06	3.11	3.11	.026	.008	.002	.001	.74	.75	.76	.77	9,010	852	844	.652	.028	.018	-.02	-.07	-.08
b. SEacademic	835	3.03	2.92	2.91	2.93	.028	.009	.003	.002	.82	.83	.85	.86	1,016	848	840	.000	.000	.001	.14	.14	.11
c. SElearnsup	833	2.92	2.82	2.84	2.86	.032	.010	.003	.002	.91	.92	.93	.94	8,971	109,253	838	.002	.010	.047	.11	.09	.07
d. SEdiverse	837	2.58	2.56	2.64	2.63	.033	.011	.003	.002	.97	.97	.99	1.00	8,967	109,106	270,169	.591	.091	.176	.02	-.06	-.05
e. SESocial	836	3.15	2.91	2.86	2.81	.029	.010	.003	.002	.83	.87	.91	.93	8,968	850	841	.000	.000	.000	.27	.31	.37
f. SEwellness	831	2.94	2.77	2.78	2.72	.031	.010	.003	.002	.89	.94	.95	.97	1,031	844	836	.000	.000	.000	.18	.17	.23

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														Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020	Faculty Salary Peers	Community Engagement	NSSE 2019 & 2020
g. SEnonacad	834	2.22	2.06	2.10	2.11	.034	.011	.003	.002	.99	.96	.98	.99	999	846	269,286	.000	.001	.001	.16	.11	.11
h. SEactivities	835	2.88	2.63	2.65	2.54	.031	.010	.003	.002	.90	.93	.96	1.00	1,030	849	840	.000	.000	.000	.27	.24	.34
i. SEevents	830	2.41	2.35	2.35	2.30	.032	.010	.003	.002	.93	.92	.95	.97	8,920	108,652	268,983	.129	.091	.002	.06	.06	.11
15 a. SBmyself	836	3.42	3.30	3.31	3.32	.023	.012	.003	.002	.67	.69	.71	.71	3,934	66,289	157,958	.000	.000	.000	.18	.16	.15
b. SBvalued	835	3.08	2.87	2.90	2.93	.027	.015	.003	.002	.78	.81	.84	.85	3,927	859	844	.000	.000	.000	.26	.21	.17
c. SBcommunity	835	3.26	2.93	2.95	2.96	.025	.014	.003	.002	.73	.80	.83	.83	3,927	66,282	157,872	.000	.000	.000	.41	.37	.36
16 a. tmprephrs	834	14.74	14.05	14.87	14.95	.287	.092	.027	.017	8.29	8.27	8.75	8.76	8,913	847	839	.021	.660	.471	.08	-.01	-.02
b. tmcocurrhrs	833	7.96	5.71	5.23	4.95	.258	.079	.022	.014	7.45	7.10	7.13	7.18	8,881	108,163	267,888	.000	.000	.000	.32	.38	.42
c. tmworkonhrs	828	4.88	3.52	3.97	3.63	.269	.075	.023	.014	7.75	6.73	7.40	7.13	960	839	832	.000	.001	.000	.20	.12	.17
d. tmworkoffhrs	831	5.33	11.06	11.79	13.05	.308	.136	.039	.026	8.88	12.19	12.77	13.40	1,178	857	842	.000	.000	.000	-.48	-.51	-.58
— tmworkhrs	827	10.14	14.57	15.75	16.67	.387	.138	.040	.026	11.14	12.35	13.08	13.47	1,046	843	833	.000	.000	.000	-.36	-.43	-.48
e. tmervicehrs	829	3.48	2.93	3.25	3.27	.188	.057	.017	.011	5.42	5.10	5.68	5.72	984	108,199	267,935	.005	.241	.289	.11	.04	.04
f. tmrelaxhrs	832	13.10	12.37	11.51	10.92	.273	.094	.025	.016	7.86	8.46	8.35	8.22	1,040	846	837	.012	.000	.000	.09	.19	.26
g. tmcarehrs	830	1.27	3.63	4.78	6.28	.164	.098	.030	.022	4.73	8.78	9.81	11.20	1,500	885	858	.000	.000	.000	-.28	-.36	-.45
h. tmcommutehrs	833	4.80	5.11	5.49	5.01	.169	.066	.019	.012	4.87	5.97	6.33	6.43	1,107	854	841	.089	.000	.204	-.05	-.11	-.03
17. reading	827	2.93	2.73	2.72	2.81	.040	.013	.004	.002	1.14	1.17	1.18	1.18	1,012	840	831	.000	.000	.001	.17	.18	.11
— tmreadinghrs	827	7.23	6.36	6.69	7.06	.214	.064	.019	.012	6.17	5.72	6.09	6.31	978	107,628	266,522	.000	.011	.437	.15	.09	.03
18 a. pgwrite	828	3.05	3.00	2.99	3.01	.029	.010	.003	.002	.84	.86	.89	.88	8,866	107,843	266,945	.104	.037	.229	.06	.07	.04
b. pgspeak	826	3.14	2.94	2.93	2.93	.029	.010	.003	.002	.84	.90	.92	.93	8,862	840	831	.000	.000	.000	.22	.23	.23
c. pgthink	826	3.43	3.30	3.30	3.31	.025	.009	.002	.002	.72	.77	.78	.78	1,032	840	831	.000	.000	.000	.17	.17	.16
d. pganalyze	825	2.96	2.83	2.94	2.90	.033	.011	.003	.002	.96	.97	.96	.97	1,007	107,827	266,947	.000	.459	.081	.14	.03	.06
e. pgwork	826	3.09	2.94	2.93	2.95	.031	.011	.003	.002	.90	.95	.96	.96	8,865	839	266,973	.000	.000	.000	.15	.17	.14
f. pgothers	826	3.35	3.10	3.07	3.05	.027	.010	.003	.002	.77	.85	.87	.89	8,848	107,782	266,897	.000	.000	.000	.30	.32	.34
g. pgvalues	826	3.04	2.83	2.83	2.86	.032	.011	.003	.002	.92	.97	.98	.98	1,023	839	830	.000	.000	.000	.22	.22	.18
h. pgdiverse	828	2.93	2.84	2.88	2.88	.033	.011	.003	.002	.95	.95	.96	.97	8,859	107,769	266,862	.007	.135	.120	.10	.05	.05
i. pgprobsolve	825	3.03	2.85	2.86	2.86	.031	.010	.003	.002	.89	.93	.94	.95	1,016	838	830	.000	.000	.000	.19	.18	.18
j. pgcitizen	829	2.88	2.73	2.71	2.73	.033	.011	.003	.002	.94	.97	.99	.99	1,019	842	834	.000	.000	.000	.16	.17	.16
19. evalexp	831	3.46	3.27	3.23	3.24	.024	.008	.002	.001	.69	.74	.77	.77	8,902	846	837	.000	.000	.000	.27	.31	.29
20. sameinst	834	3.44	3.23	3.22	3.23	.026	.009	.003	.002	.74	.82	.84	.85	1,053	849	839	.000	.000	.000	.25	.26	.25

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" or "Yes."
- 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" or "Yes."