



NSSE 2019

Frequencies and Statistical Comparisons

Missouri State University

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NSSE 2019 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.

1. **Class level:** As reported by your institution.
2. **Item numbers:** Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.
3. **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.
4. **Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
5. **Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.

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

6. **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

		Frequency Distributions ^a								Statistical Comparisons ^b						
		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State	Admissions Overlap	Carnegie UG Program	NSSE Cohort			
Item wording or description	Variable name ^c	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^d	Mean	Effect size ^d	Mean	Effect size ^d
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					
		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	3.3						
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	Sometimes	267	42	5,959	37	978	34	79,495	34					
		3	Often	164	26	4,548	29	883	31	67,348	29					
		4	Very often	113	19	2,720	17	52	21	47,208	21					
	Total	626	100	15,118	100	2,858	100	229,541	100	2.5						
c. Evaluated what others have concluded from numerical information																
	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6					
		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	3.1						

7. **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 2019 Frequencies and Statistical Comparisons

Missouri State 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	Missouri State				Plains Public				Carnegie Class				CUMU				Missouri State		Plains Public		Carnegie Class		CUMU	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	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	39	4	488	3	703	3	1,093	4	2.7	2.8 ***	-11	3.0 ***	-34	2.8 ***	-15									
		2	Sometimes	507	44	5,610	39	8,727	31	10,621	37																
		3	Often	406	35	5,116	36	9,930	35	9,992	35																
		4	Very often	194	17	2,956	21	8,545	31	6,669	24																
		Total		1,146	100	14,170	100	27,905	100	28,375	100																
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	253	22	2,840	20	4,358	15	4,614	17	2.3	2.4 *	-0.8	2.6 ***	-27	2.5 ***	-19									
		2	Sometimes	434	39	5,154	37	9,408	33	10,033	35																
		3	Often	297	26	4,024	28	8,196	30	8,337	30																
		4	Very often	156	14	2,127	15	5,840	22	5,258	18																
		Total		1,140	100	14,145	100	27,802	100	28,242	100																
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	77	7	728	5	1,288	5	1,531	5	2.9	3.0 ***	-13	3.1 ***	-29	3.0 ***	-11									
		2	Often	175	15	1,988	14	3,003	11	4,058	14																
		3	Sometimes	657	58	7,931	56	15,022	52	15,798	56																
		4	Never	235	20	3,485	25	8,487	33	6,858	24																
		Total		1,144	100	14,132	100	27,800	100	28,245	100																
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	555	50	5,440	39	11,538	44	11,914	44	1.8	1.9 ***	-14	1.9 **	-0.9	1.8 *	-0.7									
		2	Sometimes	373	32	5,483	38	9,756	34	10,201	35																
		3	Often	117	10	2,097	14	3,992	13	3,965	14																
		4	Very often	96	9	1,107	8	2,450	8	2,081	7																
		Total		1,141	100	14,127	100	27,736	100	28,161	100																
e. Asked another student to help you understand course material	CLaskhelp	1	Never	77	8	1,019	8	3,662	17	2,397	10	2.6	2.7	-0.1	2.5 ***	.18	2.6	.04									
		2	Sometimes	423	38	4,979	36	9,669	35	10,534	38																
		3	Often	429	36	5,410	37	9,349	31	9,910	34																
		4	Very often	208	18	2,710	18	4,996	16	5,287	18																
		Total		1,137	100	14,118	100	27,676	100	28,128	100																
f. Explained course material to one or more students	CLexplain	1	Never	38	4	629	5	2,447	12	1,250	5	2.7	2.7	-0.3	2.6 ***	.15	2.7	-0.2									
		2	Sometimes	432	39	4,932	36	9,758	36	10,282	37																
		3	Often	468	41	5,856	41	10,323	35	11,124	39																
		4	Very often	199	17	2,669	19	5,084	17	5,404	19																
		Total		1,137	100	14,086	100	27,612	100	28,060	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 2019 Frequencies and Statistical Comparisons

Missouri State 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							
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	127	12	1,839	14	4,816	21	4,136	16	2.5	2.6	-0.2	2.4 ***	.11	2.5	.04	
		2	Sometimes	426	38	4,790	35	8,989	32	9,847	35								
		3	Often	392	34	4,599	32	8,254	28	8,642	30								
		4	Very often	189	16	2,784	19	5,406	18	5,283	18								
		Total		1,134	100	14,012	100	27,465	100	27,908	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	65	6	916	7	3,010	15	2,114	8	2.6	2.7	-0.2	2.5 ***	.12	2.6	.01	
		2	Sometimes	446	40	5,217	38	9,546	35	10,533	38								
		3	Often	439	38	5,308	37	9,681	33	10,177	36								
		4	Very often	179	16	2,517	18	5,084	17	4,938	17								
		Total		1,129	100	13,958	100	27,321	100	27,762	100								
i. Given a course presentation	present	1	Never	94	9	3,023	22	5,521	24	5,215	19	2.6	2.2 ***	.39	2.2 ***	.33	2.3 ***	.28	
		2	Sometimes	463	41	6,273	45	11,064	39	12,080	43								
		3	Often	406	36	3,415	25	7,267	25	7,235	26								
		4	Very often	164	14	1,237	9	3,459	12	3,237	12								
		Total		1,127	100	13,948	100	27,311	100	27,767	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	81	7	1,030	8	2,381	10	2,175	8	2.6	2.6	.06	2.6	.05	2.6	.01	
		2	Sometimes	433	39	5,712	41	10,423	38	10,528	39								
		3	Often	432	38	5,235	38	9,983	36	10,400	37								
		4	Very often	172	15	1,832	13	4,202	15	4,253	16								
		Total		1,118	100	13,809	100	26,989	100	27,356	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	65	6	1,344	11	2,348	10	2,296	9	2.6	2.5 ***	.12	2.6	-0.01	2.6	-0.02	
		2	Sometimes	464	42	5,749	42	9,963	37	9,875	37								
		3	Often	427	38	4,781	34	9,807	36	10,193	36								
		4	Very often	161	14	1,842	13	4,659	18	4,806	17								
		Total		1,117	100	13,716	100	26,777	100	27,170	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	78	7	1,549	12	2,510	10	2,552	11	2.6	2.5 ***	.12	2.6	-0.02	2.6	-0.03	
		2	Sometimes	442	40	5,538	41	9,629	36	9,439	35								
		3	Often	425	38	4,614	33	9,537	35	9,668	35								
		4	Very often	163	14	1,938	14	4,916	18	5,334	19								
		Total		1,108	100	13,639	100	26,592	100	26,993	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.

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Missouri State 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							
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class	CUMU				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	44	4	676	5	1,069	4	1,143	5	2.8	2.7 **	.08	2.8 *	-.07	2.8	-.02	
		2	Sometimes	350	31	4,644	34	7,953	29	8,245	31								
		3	Often	528	48	6,090	45	11,992	45	12,206	45								
		4	Very often	186	17	2,150	16	5,362	22	5,155	20								
		Total		1,108	100	13,560	100	26,376	100	26,749	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	20	2	364	3	659	3	683	3	2.9	2.9	.05	3.0 **	-.08	2.9	-.05	
		2	Sometimes	299	27	3,867	29	6,485	25	6,628	25								
		3	Often	546	49	6,285	46	12,128	46	12,372	46								
		4	Very often	236	22	2,903	21	6,803	27	6,740	26								
		Total		1,101	100	13,419	100	26,075	100	26,423	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	21	2	381	3	678	3	699	3	2.8	2.8 *	.07	2.9 **	-.08	2.9	-.04	
		2	Sometimes	342	32	4,305	33	7,230	28	7,420	29								
		3	Often	505	46	6,169	46	11,795	45	12,096	45								
		4	Very often	223	20	2,449	18	6,074	24	5,901	22								
		Total		1,091	100	13,304	100	25,777	100	26,116	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	7	1	173	1	286	1	328	1	3.1	3.0 ***	.10	3.1	-.02	3.0	.02	
		2	Sometimes	216	20	2,928	23	5,047	20	5,224	21								
		3	Often	573	52	6,866	51	12,679	49	12,960	49								
		4	Very often	297	27	3,202	24	7,488	30	7,349	28								
		Total		1,093	100	13,169	100	25,500	100	25,861	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	115	11	2,008	15	4,606	19	5,355	22	2.5	2.4 **	.08	2.3 ***	.13	2.3 ***	.21	
		2	Sometimes	480	45	5,777	44	10,663	42	10,981	42								
		3	Often	338	30	3,670	28	6,563	25	6,235	24								
		4	Very often	154	14	1,740	13	3,707	14	3,300	12								
		Total		1,087	100	13,195	100	25,539	100	25,871	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	496	46	5,717	43	12,393	51	12,865	51	1.8	1.9	-.05	1.8 *	.07	1.8 *	.06	
		2	Sometimes	358	33	4,495	34	7,719	29	7,711	29								
		3	Often	165	15	2,106	16	3,589	14	3,541	14								
		4	Very often	65	6	837	7	1,715	6	1,621	6								
		Total		1,084	100	13,155	100	25,416	100	25,738	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 2019 Frequencies and Statistical Comparisons

Missouri State 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							
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	343	32	3,952	30	8,299	36	8,715	35	2.0	2.0	-.04	2.0	.00	2.0	.00	
		2	Sometimes	484	45	5,880	45	10,161	39	10,407	41								
		3	Often	206	19	2,440	19	4,755	18	4,589	18								
		4	Very often	53	5	802	6	1,981	8	1,786	7								
		Total		1,086	100	13,074	100	25,196	100	25,497	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	208	19	3,232	24	5,647	24	6,714	27	2.2	2.1 *	.07	2.2	.01	2.1 **	.10	
		2	Sometimes	553	51	6,103	47	11,451	45	11,487	45								
		3	Often	249	22	2,809	22	5,745	22	5,245	20								
		4	Very often	78	7	912	7	2,335	9	1,982	8								
		Total		1,088	100	13,056	100	25,178	100	25,428	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	24	3	345	3	953	4	869	4	3.0	2.9 ***	.14	2.9 ***	.14	2.9 ***	.11	
		2	Some	222	21	3,278	26	6,337	26	6,273	25								
		3	Quite a bit	512	47	6,202	47	11,234	45	11,309	45								
		4	Very much	323	29	3,185	23	6,521	25	6,856	26								
		Total		1,081	100	13,010	100	25,045	100	25,307	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	29	3	412	3	821	3	904	4	2.9	2.9	.02	2.9 *	-.06	2.9	-.02	
		2	Some	273	26	3,518	28	6,224	25	6,489	26								
		3	Quite a bit	547	51	6,210	47	11,520	46	11,577	46								
		4	Very much	228	20	2,827	21	6,339	25	6,183	24								
		Total		1,077	100	12,967	100	24,904	100	25,153	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	27	3	491	4	844	4	908	4	2.9	2.8 *	.07	2.9 **	-.08	2.9	-.05	
		2	Some	297	28	3,869	30	6,286	26	6,381	26								
		3	Quite a bit	532	50	5,868	45	10,972	44	11,155	45								
		4	Very much	216	20	2,659	20	6,600	27	6,514	25								
		Total		1,072	100	12,887	100	24,702	100	24,958	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	30	3	558	4	827	3	851	4	2.9	2.8 ***	.15	3.0 **	-.09	2.9	-.02	
		2	Some	275	26	3,924	31	5,919	24	6,262	26								
		3	Quite a bit	532	50	5,969	46	11,237	45	11,374	46								
		4	Very much	233	21	2,387	18	6,582	27	6,328	25								
		Total		1,070	100	12,838	100	24,565	100	24,815	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 2019 Frequencies and Statistical Comparisons

Missouri State 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							
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	34	3	537	4	810	3	916	4	2.9	2.8 ** △	.09	2.9 ** ▽	-.10	2.9	-.05	
		2	Some	303	29	3,895	31	6,166	25	6,388	26								
		3	Quite a bit	506	47	5,914	46	11,221	45	11,302	46								
		4	Very much	227	21	2,454	19	6,289	26	6,132	24								
		Total		1,070	100	12,800	100	24,486	100	24,738	100								
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	18	2	244	2	493	2	513	2	3.0	3.0	-.05	3.1 *** ▽	-.18	3.0 ** ▽	-.09	
		2	Some	244	24	2,752	22	4,690	19	5,193	22								
		3	Quite a bit	528	50	6,202	48	10,944	43	11,214	45								
		4	Very much	274	25	3,538	28	8,223	35	7,638	31								
		Total		1,064	100	12,736	100	24,350	100	24,558	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	37	4	420	4	937	4	842	4	3.0	3.0	-.01	3.0 *** ▽	-.11	3.0	-.04	
		2	Some	234	23	2,948	23	5,025	20	5,620	23								
		3	Quite a bit	514	48	6,126	48	10,794	43	11,096	45								
		4	Very much	278	26	3,219	26	7,546	32	6,926	29								
		Total		1,063	100	12,713	100	24,302	100	24,484	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	37	4	422	4	872	4	843	4	2.9	3.0	-.02	3.0 *** ▽	-.12	3.0 * ▽	-.07	
		2	Some	259	25	2,973	24	5,154	21	5,467	23								
		3	Quite a bit	474	44	5,804	46	10,189	41	10,583	43								
		4	Very much	292	27	3,485	27	8,043	34	7,558	31								
		Total		1,062	100	12,684	100	24,258	100	24,451	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	102	10	1,069	8	1,595	7	1,889	8	2.6	2.7 *** ▽	-.11	2.9 *** ▽	-.33	2.8 *** ▽	-.20	
		2	Some	376	36	4,053	32	6,429	26	6,972	29								
		3	Quite a bit	393	37	4,846	38	9,030	36	9,182	37								
		4	Very much	193	18	2,698	22	7,174	31	6,368	26								
		Total		1,064	100	12,666	100	24,228	100	24,411	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	124	12	1,211	9	1,918	8	2,217	9	2.5	2.6 ** ▽	-.10	2.8 *** ▽	-.30	2.7 *** ▽	-.18	
		2	Some	376	35	4,524	35	7,258	29	7,864	32								
		3	Quite a bit	404	38	4,782	38	8,960	37	9,178	38								
		4	Very much	156	14	2,119	17	6,008	27	5,072	21								
		Total		1,060	100	12,636	100	24,144	100	24,331	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 2019 Frequencies and Statistical Comparisons

Missouri State 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						
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU		
				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	128	12	1,312	10	2,855	12	2,821	11	2.5	2.5	-.05	2.6 *	-.07	2.6 *	-.08
		2	Sometimes	424	40	5,005	40	8,893	37	8,975	37							
		3	Often	370	36	4,591	37	8,571	36	8,667	37							
		4	Very often	131	13	1,627	13	3,567	16	3,599	15							
		Total		1,053	100	12,535	100	23,886	100	24,062	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	172	16	2,544	20	4,952	21	4,901	20	2.3	2.3 *	.08	2.3	.03	2.3	.02
		2	Sometimes	463	44	5,302	43	9,487	39	9,584	40							
		3	Often	313	31	3,462	28	6,686	28	6,766	28							
		4	Very often	100	10	1,151	10	2,655	12	2,702	12							
		Total		1,048	100	12,459	100	23,780	100	23,953	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	185	17	2,309	18	4,870	21	4,536	19	2.3	2.3	.03	2.3	.03	2.3	-.01
		2	Sometimes	468	45	5,567	45	9,897	42	10,017	42							
		3	Often	300	29	3,554	29	6,603	28	6,873	29							
		4	Very often	91	9	1,025	8	2,311	10	2,403	10							
		Total		1,044	100	12,455	100	23,681	100	23,829	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	78	7	850	7	1,446	7	1,270	5	5.7	6.1 **	-.08	6.8 ***	-.20	6.7 ***	-.18
		1.5	1-2	252	24	2,802	23	4,322	19	4,339	18							
		4	3-5	347	33	3,964	32	7,243	31	8,109	34							
		8	6-10	215	21	2,701	22	5,556	23	5,577	23							
		13	11-15	100	9	1,156	9	2,557	11	2,427	10							
		18	16-20	27	3	482	4	1,227	5	1,053	4							
		23	More than 20	26	3	464	4	1,320	5	1,067	5							
Total		1,045	100	12,419	100	23,671	100	23,842	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	361	34	4,891	39	8,422	38	7,786	33	2.0	2.0	.00	2.3 **	-.08	2.5 ***	-.15
		1.5	1-2	459	44	4,692	38	8,361	34	8,762	37							
		4	3-5	150	14	1,828	15	4,403	18	4,612	19							
		8	6-10	52	5	661	5	1,700	7	1,758	7							
		13	11-15	14	1	214	2	457	2	554	2							
		18	16-20	1	0	55	0	132	1	138	1							
		23	More than 20	6	1	43	0	137	1	177	1							
Total		1,043	100	12,384	100	23,612	100	23,787	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 2019 Frequencies and Statistical Comparisons

Missouri State 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							
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class	CUMU				
				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	817	78	9,912	79	18,014	77	17,981	74	.8	.8	.02	.9	-.03	1.0 *	-.06	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	164	16	1,689	14	3,712	15	3,743	17								
		4	3-5	23	2	354	3	866	4	952	4								
		8	6-10	20	2	196	2	481	2	510	2								
		13	11-15	11	1	158	1	329	1	360	2								
		18	16-20	1	0	34	0	78	0	90	0								
		23	More than 20	7	1	46	0	123	1	142	1								
	Total			1,043	100	12,389	100	23,603	100	23,778	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.)									45.7	45.6	.00	52.3 **	-.09	55.5 ***	-.13	
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	37	4	630	5	1,271	6	915	4	3.0	2.9 *	.08	3.1 ***	-.10	3.1 ***	-.14	
		2	Sometimes	303	29	3,711	30	5,185	22	5,054	22								
		3	Often	357	34	4,170	34	7,730	32	7,808	33								
		4	Very often	348	33	3,864	31	9,377	40	9,977	41								
			Total	1,045	100	12,375	100	23,563	100	23,754	100								
b. People from an economic background other than your own	DDeconomic	1	Never	29	3	517	4	1,213	6	1,021	5	3.0	2.9 ***	.13	3.0	.03	3.0	.02	
		2	Sometimes	233	23	3,289	27	5,280	23	5,388	23								
		3	Often	433	41	4,822	39	8,532	35	8,459	36								
		4	Very often	347	34	3,729	30	8,508	36	8,828	36								
			Total	1,042	100	12,357	100	23,533	100	23,696	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	42	4	648	5	1,703	8	1,343	6	3.0	2.9 **	.09	2.9 ***	.10	3.0	.01	
		2	Sometimes	251	24	3,425	28	6,567	27	5,692	25								
		3	Often	405	38	4,409	35	7,335	31	7,853	33								
		4	Very often	347	33	3,872	31	7,912	34	8,800	36								
			Total	1,045	100	12,354	100	23,517	100	23,688	100								
d. People with political views other than your own	DDpolitical	1	Never	32	3	623	5	1,671	8	1,816	8	3.1	2.9 ***	.16	2.9 ***	.18	2.9 ***	.22	
		2	Sometimes	228	22	3,416	28	6,528	27	7,009	29								
		3	Often	409	38	4,488	36	7,685	32	7,357	31								
		4	Very often	374	36	3,827	31	7,627	33	7,509	31								
			Total	1,043	100	12,354	100	23,511	100	23,691	100								

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NSSE 2019 Frequencies and Statistical Comparisons

Missouri State 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						
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU		
				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	17	2	266	2	405	2	388	2	3.0	2.9 ***	.11	3.1 ***	-.13	3.0	-.04
		2	Sometimes	227	23	3,218	27	4,705	20	5,208	23							
		3	Often	543	51	6,030	49	11,139	47	11,324	48							
		4	Very often	254	24	2,782	22	7,149	31	6,653	27							
		Total		1,041	100	12,296	100	23,398	100	23,573	100							
b. Reviewed your notes after class	LSnotes	1	Never	47	5	669	6	923	4	1,067	5	2.8	2.8	.02	3.0 ***	-.19	2.9	-.06
		2	Sometimes	327	33	3,867	32	6,147	26	6,895	30							
		3	Often	385	36	4,523	37	8,401	36	8,537	36							
		4	Very often	280	26	3,232	25	7,920	34	7,058	29							
		Total		1,039	100	12,291	100	23,391	100	23,557	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	46	5	808	7	1,216	5	1,398	6	2.8	2.7	.02	2.9 ***	-.18	2.8	-.06
		2	Sometimes	353	35	4,068	33	6,475	27	7,209	31							
		3	Often	430	41	4,876	40	9,072	39	9,198	40							
		4	Very often	209	20	2,528	20	6,593	29	5,694	23							
		Total		1,038	100	12,280	100	23,356	100	23,499	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	8	1	80	1	221	1	250	1	5.3	5.3	-.05	5.6 ***	-.21	5.4 *	-.06
		2		12	1	109	1	235	1	264	1							
		3		52	5	538	5	941	4	1,096	5							
		4		126	12	1,518	13	2,488	11	2,980	13							
		5		378	37	4,500	37	7,158	30	7,919	34							
		6		281	27	3,149	25	5,694	24	5,747	24							
		7	Very much	177	17	2,342	19	6,500	29	5,138	22							
		Total		1,034	100	12,236	100	23,237	100	23,394	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		136	14	1,481	13	3,250	16	2,874	13	5%	7% **	-.10	8% ***	-.12	8% ***	-.12
		Do not plan to do		49	5	669	6	1,281	6	1,129	6							
		Plan to do		800	76	9,160	73	16,926	70	17,562	73							
		Done or in progress		50	5	899	7	1,770	8	1,830	8							
		Total		1,035	100	12,209	100	23,227	100	23,395	100							

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NSSE 2019 Frequencies and Statistical Comparisons

Missouri State 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	Missouri State				Plains Public				Carnegie Class				CUMU				Missouri State		Plains Public		Carnegie Class		CUMU	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	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	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	294	28	3,180	26	6,657	30	6,456	28	12%	12%	.00	10% *	.06	10% **	.08	△	△							
			Do not plan to do	230	22	2,714	24	5,612	26	5,441	25																
			Plan to do	389	37	4,780	38	8,372	35	9,123	37																
			Done or in progress	120	12	1,512	12	2,514	10	2,292	10																
			Total	1,033	100	12,186	100	23,155	100	23,312	100																
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	352	34	3,694	30	7,752	34	7,239	31	9%	14% ***	-0.14	12% **	-0.10	14% ***	-0.14	▽	▽	▽						
			Do not plan to do	311	30	3,849	32	5,774	26	6,060	28																
			Plan to do	276	26	2,986	24	6,528	28	6,665	28																
			Done or in progress	94	9	1,635	14	3,013	12	3,251	14																
			Total	1,033	100	12,164	100	23,067	100	23,215	100																
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	318	31	3,628	30	6,519	29	6,310	28	2%	3%	-0.04	3%	-0.06	3%	-0.06	△	△							
			Do not plan to do	275	28	3,523	32	6,962	33	5,827	27																
			Plan to do	420	39	4,697	35	8,881	35	10,417	42																
			Done or in progress	21	2	318	3	718	3	702	3																
			Total	1,034	100	12,166	100	23,080	100	23,256	100																
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	425	41	4,646	38	9,171	40	8,677	38	2%	5% ***	-0.13	4% **	-0.09	4% **	-0.10	▽	▽	▽						
			Do not plan to do	305	29	3,300	27	6,119	27	5,358	23																
			Plan to do	282	27	3,668	30	6,867	29	8,300	35																
			Done or in progress	21	2	553	5	903	4	900	4																
			Total	1,033	100	12,167	100	23,060	100	23,235	100																
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	420	40	4,162	35	7,797	36	7,774	34	2%	2%	.01	2%	-0.01	2%	-0.02	△	△							
			Do not plan to do	137	14	1,491	13	2,626	12	2,503	12																
			Plan to do	461	44	6,306	50	12,151	50	12,483	52																
			Done or in progress	17	2	183	2	442	2	434	2																
			Total	1,035	100	12,142	100	23,016	100	23,194	100																
12. About how many of your courses at this institution have included a community-based project (service-learning)?	servcourse	1 None	None	179	18	5,897	48	10,398	48	11,472	50	2.0	1.6 ***	.54	1.7 ***	.45	1.6 ***	.53	▲	▲	▲						
			Some	699	68	5,247	44	10,124	42	9,619	41																
			Most	139	13	818	7	1,911	8	1,639	7																
			All	14	1	159	1	505	3	388	2																
			Total	1,031	100	12,121	100	22,938	100	23,118	100																

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NSSE 2019 Frequencies and Statistical Comparisons

Missouri State University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State		Plains Public		Carnegie Class		CUMU	
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	9	1	145	1	338	2	419	2	5.4	5.4	.01	5.5	-.05	5.3 **	.08	
		2		13	1	224	2	475	2	530	2								
		3		38	4	553	5	1,081	5	1,270	5								
		4		144	14	1,472	12	2,739	12	3,190	14								
		5		300	29	3,464	28	5,793	25	6,401	27								
		6		288	28	3,282	27	5,537	23	5,681	24								
		7	Excellent	235	22	2,891	24	6,563	29	5,463	24								
		—	Not applicable	6	1	77	1	402	2	161	1								
			Total	1,033	100	12,108	100	22,928	100	23,115	100								
b. Academic advisors																			
	QIadvisor	1	Poor	23	2	297	3	660	3	845	4	5.4	5.3 *	.06	5.4	-.01	5.2 ***	.13	
		2		47	4	511	4	832	4	1,018	4								
		3		51	5	871	7	1,520	6	1,840	8								
		4		125	12	1,590	13	2,773	11	3,226	14								
		5		217	21	2,543	21	4,339	18	4,680	20								
		6		237	23	2,678	22	4,694	20	4,660	20								
		7	Excellent	329	32	3,479	30	7,698	35	6,268	28								
		—	Not applicable	4	0	127	1	390	2	543	2								
			Total	1,033	100	12,096	100	22,906	100	23,080	100								
c. Faculty																			
	QIfaculty	1	Poor	11	1	164	2	342	2	477	2	5.3	5.3	-.02	5.5 ***	-.17	5.2	.02	
		2		22	2	294	3	487	2	713	3								
		3		71	7	689	6	1,130	5	1,523	6								
		4		150	14	1,728	14	2,851	12	3,387	14								
		5		293	28	3,408	28	5,514	23	6,085	26								
		6		290	28	3,361	28	5,985	25	5,968	26								
		7	Excellent	191	19	2,335	20	6,314	29	4,626	21								
		—	Not applicable	4	1	99	1	278	1	300	1								
			Total	1,032	100	12,078	100	22,901	100	23,079	100								

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Missouri State 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							
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU			
				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	26	3	316	3	732	3	961	4	5.2	5.1	.02	5.2	-.02	5.0 ***	.12	
		2		38	4	430	3	787	3	959	4								
		3		69	7	782	6	1,406	6	1,685	7								
		4		130	13	1,735	14	2,745	12	3,292	14								
		5		238	23	2,801	23	4,614	19	4,780	20								
		6		238	23	2,772	23	4,554	19	4,445	19								
		7	Excellent	216	21	2,394	20	5,320	23	4,311	19								
		—	Not applicable	76	8	845	8	2,735	15	2,648	13								
	Total	1,031	100	12,075	100	22,893	100	23,081	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	34	3	293	3	757	3	995	4	5.1	5.1	.02	5.2	-.05	4.9 ***	.13	
		2		34	3	478	4	926	4	1,121	5								
		3		73	7	831	7	1,521	6	1,976	8								
		4		148	14	1,801	15	3,080	13	3,615	15								
		5		241	23	2,814	23	4,810	20	4,958	21								
		6		232	23	2,665	22	4,579	20	4,410	19								
		7	Excellent	216	21	2,349	20	5,788	27	4,159	19								
		—	Not applicable	53	5	846	7	1,440	7	1,840	8								
	Total	1,031	100	12,077	100	22,901	100	23,074	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	1	161	1	369	2	382	2	3.0	3.0	.03	3.1 *	-.06	3.1	-.02	
		2	Some	203	21	2,452	21	4,291	19	4,487	20								
		3	Quite a bit	522	50	6,171	51	10,750	47	11,134	48								
		4	Very much	292	28	3,271	26	7,378	32	6,960	30								
			Total	1,030	100	12,055	100	22,788	100	22,963	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	25	3	379	3	749	4	758	4	3.0	3.0	.02	3.1 ***	-.11	3.0	.00	
		2	Some	223	23	2,581	22	4,231	19	5,006	23								
		3	Quite a bit	461	45	5,583	46	9,398	41	9,893	43								
		4	Very much	319	30	3,467	28	8,344	37	7,238	31								
			Total	1,028	100	12,010	100	22,722	100	22,895	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	57	6	650	6	1,061	5	1,141	5	3.1	3.0 *	.07	3.1 **	-.09	3.1	-.03	
		2	Some	163	16	2,384	20	3,823	17	4,028	18								
		3	Quite a bit	434	43	4,998	41	8,299	36	8,821	39								
		4	Very much	373	35	3,979	33	9,534	42	8,900	38								
			Total	1,027	100	12,011	100	22,717	100	22,890	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 2019 Frequencies and Statistical Comparisons

Missouri State 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									
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class	CUMU						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	62	6	1,275	11	2,416	11	2,203	10	2.9	2.7 ***	.21	2.8 **	.09	2.8 **	.09			
		2	Some	265	26	3,633	31	6,068	26	5,986	27								△	△	△
		3	Quite a bit	408	40	4,479	37	7,855	34	8,229	36										
		4	Very much	291	28	2,608	21	6,343	28	6,434	28										
		Total		1,026	100	11,995	100	22,682	100	22,852	100										
e. Providing opportunities to be involved socially	SEsocial	1	Very little	27	3	550	5	1,418	7	1,331	6	3.1	2.9 ***	.19	3.0 ***	.14	2.9 ***	.17			
		2	Some	185	19	2,776	24	4,949	23	5,295	24								△	△	△
		3	Quite a bit	461	45	5,336	44	8,842	38	9,176	40										
		4	Very much	352	34	3,330	27	7,446	32	7,017	30										
		Total		1,025	100	11,992	100	22,655	100	22,819	100										
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	34	4	656	6	1,767	9	1,495	7	3.1	2.9 ***	.22	2.9 ***	.23	2.9 ***	.21			
		2	Some	178	18	2,843	24	5,305	24	5,385	24								△	△	△
		3	Quite a bit	441	43	5,104	43	8,596	37	9,008	39										
		4	Very much	372	35	3,367	27	6,929	30	6,875	29										
		Total		1,025	100	11,970	100	22,597	100	22,763	100										
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	183	19	2,644	22	5,138	23	5,063	23	2.4	2.3 ***	.14	2.4	.06	2.3 **	.10			
		2	Some	370	36	4,584	38	7,818	34	8,195	36								△	△	△
		3	Quite a bit	308	30	3,378	28	6,119	27	6,219	27										
		4	Very much	162	15	1,361	11	3,513	16	3,270	14										
		Total		1,023	100	11,967	100	22,588	100	22,747	100										
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	51	6	821	7	2,894	16	2,349	11	2.9	2.8 **	.10	2.7 ***	.20	2.7 ***	.16			
		2	Some	245	25	3,272	28	5,405	24	6,256	28								△	△	△
		3	Quite a bit	454	44	4,989	41	8,075	34	8,494	37										
		4	Very much	275	26	2,871	23	6,165	26	5,637	24										
		Total		1,025	100	11,953	100	22,539	100	22,736	100										
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	89	9	1,801	16	4,086	21	3,493	16	2.6	2.4 ***	.20	2.4 ***	.19	2.5 ***	.13			
		2	Some	355	35	4,599	39	7,452	33	7,985	36								△	△	△
		3	Quite a bit	413	40	3,897	32	6,903	29	7,337	32										
		4	Very much	168	16	1,658	14	4,088	17	3,923	17										
		Total		1,025	100	11,955	100	22,529	100	22,738	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 2019 Frequencies and Statistical Comparisons

Missouri State 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						
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
15. About how many hours do you spend in a typical 7-day week doing the following?																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs (Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	6	1	37	0	113	1	101	1	12.6	14.1 *** ▽	-0.19	14.5 *** ▽	-0.23	14.4 *** ▽	-0.21
		3	1-5 hrs	140	14	1,422	13	2,754	13	2,889	13							
		8	6-10 hrs	283	28	2,882	25	5,017	23	5,270	23							
		13	11-15 hrs	292	29	2,795	23	5,091	22	5,117	22							
		18	16-20 hrs	173	17	2,390	20	4,305	19	4,271	19							
		23	21-25 hrs	74	7	1,270	10	2,551	11	2,542	11							
		28	26-30 hrs	31	3	582	5	1,372	6	1,263	6							
		33	More than 30 hrs	26	3	532	4	1,270	6	1,204	5							
	Total	1,025	100	11,910	100	22,473	100	22,657	100									
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs (Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	267	27	3,107	28	8,015	40	8,529	40	6.8	5.9 *** △	.12	5.3 *** △	.21	4.8 *** △	.29
		3	1-5 hrs	315	29	4,357	35	6,866	28	7,164	30							
		8	6-10 hrs	206	20	2,161	18	3,377	14	3,387	14							
		13	11-15 hrs	115	11	1,143	10	1,846	8	1,734	8							
		18	16-20 hrs	58	6	559	5	1,218	5	999	4							
		23	21-25 hrs	37	4	289	2	549	2	432	2							
		28	26-30 hrs	11	1	105	1	217	1	160	1							
		33	More than 30 hrs	13	1	174	2	314	2	194	1							
	Total	1,022	100	11,895	100	22,402	100	22,599	100									
c. Working for pay on campus	tmworkonhrs (Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	845	83	9,109	77	17,782	81	18,379	82	2.3	2.7 * ▽	-0.07	2.2	.02	2.4	-0.01
		3	1-5 hrs	17	2	467	4	943	4	653	3							
		8	6-10 hrs	55	5	877	7	1,500	6	1,232	5							
		13	11-15 hrs	45	4	755	6	1,007	4	1,070	5							
		18	16-20 hrs	40	4	443	4	763	3	800	4							
		23	21-25 hrs	14	2	161	1	244	1	298	1							
		28	26-30 hrs	3	0	35	0	94	0	91	0							
		33	More than 30 hrs	4	0	43	0	117	1	102	1							
	Total	1,023	100	11,890	100	22,450	100	22,625	100									

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NSSE 2019 Frequencies and Statistical Comparisons

Missouri State 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						
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	700	68	7,617	62	13,892	60	13,234	57	5.6	6.2	-.06	7.8 ***	-.19	7.6 ***	-.18
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	29	3	630	5	1,084	5	1,132	5							
	8	6-10 hrs	48	5	733	6	1,251	5	1,479	6								
	13	11-15 hrs	63	6	838	7	1,302	5	1,628	7								
	18	16-20 hrs	76	7	813	7	1,391	6	1,922	8								
	23	21-25 hrs	47	5	587	5	1,004	4	1,386	6								
	28	26-30 hrs	31	3	313	3	609	3	810	4								
	33	More than 30 hrs	29	3	386	4	1,912	11	1,021	6								
	Total			1,023	100	11,917	100	22,445	100	22,612	100							
Estimated number of hours working for pay	tmworkhrs											7.9	8.9 **	-.08	10.1 ***	-.17	9.9 ***	-.16
	(Continuous variable created by NSSE)																	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	424	43	6,774	58	12,229	55	13,144	59	3.3	2.4 ***	.19	2.8 *	.08	2.6 ***	.13
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	458	43	3,847	31	7,105	30	6,429	28							
	8	6-10 hrs	72	7	639	5	1,584	7	1,532	7								
	13	11-15 hrs	29	3	312	3	666	3	722	3								
	18	16-20 hrs	21	2	157	1	417	2	386	2								
	23	21-25 hrs	12	1	101	1	195	1	205	1								
	28	26-30 hrs	2	0	31	0	75	0	63	0								
	33	More than 30 hrs	7	1	39	0	157	1	118	1								
	Total			1,025	100	11,900	100	22,428	100	22,599	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	9	1	149	2	580	3	403	2	13.4	13.3	.01	11.7 ***	.20	12.5 **	.10
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	168	16	2,048	17	5,303	25	4,692	21							
	8	6-10 hrs	262	24	3,165	26	5,956	26	6,155	27								
	13	11-15 hrs	257	25	2,646	22	4,404	19	4,676	20								
	18	16-20 hrs	167	17	1,829	15	2,917	13	3,047	13								
	23	21-25 hrs	68	7	861	7	1,324	6	1,447	7								
	28	26-30 hrs	26	2	396	4	613	3	660	3								
	33	More than 30 hrs	65	7	818	7	1,327	6	1,533	7								
	Total			1,022	100	11,912	100	22,424	100	22,613	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 2019 Frequencies and Statistical Comparisons

Missouri State 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						
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	836	81	9,720	80	15,789	67	16,137	71	1.9	2.2	-.05	5.3 ***	-.33	3.1 ***	-.17
	(<i>Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.</i>)	3	1-5 hrs	99	10	993	9	2,338	10	2,892	13							
	8	6-10 hrs	25	3	361	3	1,092	5	1,364	6								
	13	11-15 hrs	20	2	289	3	714	3	825	4								
	18	16-20 hrs	12	1	180	2	495	3	501	2								
	23	21-25 hrs	14	2	90	1	282	1	281	1								
	28	26-30 hrs	0	0	28	0	160	1	103	1								
	33	More than 30 hrs	15	2	231	2	1,525	9	450	3								
	Total		1,021	100	11,892	100	22,395	100	22,553	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	491	48	4,242	35	11,625	54	7,033	29	3.1	3.9 ***	-.14	3.4	-.05	5.3 ***	-.32
	(<i>Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.</i>)	3	1-5 hrs	363	35	5,381	45	6,180	26	8,534	39							
	8	6-10 hrs	98	10	1,234	10	2,437	10	3,836	17								
	13	11-15 hrs	38	3	512	4	1,009	5	1,603	7								
	18	16-20 hrs	13	1	224	2	487	2	735	3								
	23	21-25 hrs	13	2	132	1	250	1	305	1								
	28	26-30 hrs	3	0	53	0	111	0	153	1								
	33	More than 30 hrs	4	0	138	1	324	1	419	2								
	Total		1,023	100	11,916	100	22,423	100	22,618	100								
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?												2.7	2.6 **	.09	2.8 ***	-.12	2.7	-.05
reading	1	Very little	129	13	1,617	14	2,446	11	2,616	12								
	2	Some	336	34	4,418	38	7,324	32	7,624	34								
	3	About half	317	31	3,353	28	6,859	31	6,598	29								
	4	Most	181	17	1,938	16	4,236	19	4,192	18								
	5	Almost all	54	5	565	5	1,532	7	1,534	6								
	Total		1,017	100	11,891	100	22,397	100	22,564	100								
tmreadinghrs												5.6	5.9	-.06	6.9 ***	-.22	6.5 ***	-.16
<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																		

*p<.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 2019 Frequencies and Statistical Comparisons

Missouri State 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							
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
	tmreadinghrscol	1	0 hrs	5	1	35	0	111	1	99	1								
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	581	58	6,545	57	10,949	49	11,352	51								
		3	More than 5, up to 10 hrs	295	28	3,336	27	6,487	29	6,750	30								
		4	More than 10, up to 15 hrs	77	7	1,036	8	2,408	10	2,204	9								
		5	More than 15, up to 20 hrs	35	3	514	4	1,176	5	1,069	5								
		6	More than 20, up to 25 hrs	16	1	265	2	802	4	688	3								
		7	More than 25 hrs	7	1	100	1	359	2	292	1								
		Total		1,016	100	11,831	100	22,292	100	22,454	100								
17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																			
a. Writing clearly and effectively	pgwrite	1	Very little	71	7	1,018	9	1,273	6	1,422	7	2.7	2.7	.06	2.9 ***	-.24	2.8 ***	-.13	
		2	Some	318	32	3,915	33	5,585	24	6,029	27								
		3	Quite a bit	432	42	4,932	42	9,412	42	9,842	44								
		4	Very much	200	19	1,974	17	5,972	28	5,158	23								
		Total		1,021	100	11,839	100	22,242	100	22,451	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	63	7	1,336	11	2,130	10	2,427	11	2.8	2.6 ***	.27	2.8 **	.08	2.7 ***	.18	
		2	Some	264	26	4,050	34	6,636	29	6,949	31								
		3	Quite a bit	455	44	4,583	39	8,212	36	8,476	37								
		4	Very much	239	23	1,875	16	5,306	25	4,611	21								
		Total		1,021	100	11,844	100	22,284	100	22,463	100								
c. Thinking critically and analytically	pgthink	1	Very little	26	3	354	3	651	3	711	3	3.1	3.0	.06	3.1 **	-.10	3.1	-.02	
		2	Some	193	20	2,535	22	3,951	17	4,312	19								
		3	Quite a bit	477	46	5,603	47	9,784	43	9,964	44								
		4	Very much	322	31	3,360	28	7,914	37	7,493	33								
		Total		1,018	100	11,852	100	22,300	100	22,480	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	132	13	1,478	12	3,067	13	2,831	12	2.6	2.6	-.02	2.6	-.04	2.7	-.05	
		2	Some	328	32	3,863	32	7,098	31	7,040	31								
		3	Quite a bit	377	37	4,318	37	7,486	34	7,886	35								
		4	Very much	181	18	2,181	19	4,629	22	4,702	22								
		Total		1,018	100	11,840	100	22,280	100	22,459	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 2019 Frequencies and Statistical Comparisons

Missouri State 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						
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	119	13	1,455	13	2,676	13	3,333	15	2.6	2.6	-.04	2.7 ***	-.13	2.5	.02
		2	Some	361	35	3,948	33	6,813	30	7,542	34							
		3	Quite a bit	360	35	4,309	36	7,655	33	7,475	33							
		4	Very much	181	17	2,136	18	5,133	24	4,102	18							
		Total		1,021	100	11,848	100	22,277	100	22,452	100							
f. Working effectively with others	pgothers	1	Very little	46	5	679	6	1,378	7	1,546	7	2.9	2.8 *	.07	2.9	-.04	2.8	.06
		2	Some	273	27	3,412	29	5,633	25	6,211	28							
		3	Quite a bit	447	44	5,083	42	8,919	39	9,136	40							
		4	Very much	255	24	2,652	22	6,340	29	5,538	24							
		Total		1,021	100	11,826	100	22,270	100	22,431	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	79	9	1,385	12	2,040	10	2,532	12	2.8	2.6 ***	.14	2.8	-.06	2.7 **	.09
		2	Some	283	28	3,739	32	5,884	26	6,513	29							
		3	Quite a bit	426	41	4,527	38	8,446	37	8,469	37							
		4	Very much	228	22	2,194	19	5,892	27	4,929	22							
		Total		1,016	100	11,845	100	22,262	100	22,443	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	53	6	1,111	10	1,939	9	1,789	9	2.9	2.7 ***	.22	2.9 *	.07	2.8 **	.08
		2	Some	241	24	3,593	30	5,772	26	5,688	26							
		3	Quite a bit	440	43	4,538	38	8,166	36	8,583	38							
		4	Very much	286	27	2,586	22	6,398	29	6,379	28							
		Total		1,020	100	11,828	100	22,275	100	22,439	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	93	10	1,253	11	2,430	11	2,610	12	2.7	2.6 **	.09	2.7	.00	2.6	.06
		2	Some	325	32	4,128	35	7,143	31	7,315	33							
		3	Quite a bit	391	37	4,441	37	7,824	34	8,022	35							
		4	Very much	212	20	2,015	17	4,904	23	4,491	20							
		Total		1,021	100	11,837	100	22,301	100	22,438	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	73	8	1,433	13	2,566	12	2,593	12	2.8	2.6 ***	.25	2.7 ***	.10	2.7 ***	.15
		2	Some	275	28	4,098	35	6,826	30	6,957	31							
		3	Quite a bit	422	41	4,227	35	7,646	34	7,946	35							
		4	Very much	248	24	2,093	18	5,256	25	4,980	22							
		Total		1,018	100	11,851	100	22,294	100	22,476	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 2019 Frequencies and Statistical Comparisons

Missouri State University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State		Plains Public		Carnegie Class		CUMU	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	13	2	206	2	494	2	439	2	3.2	3.2	.04	3.2 *	-.08	3.1	.06	
		2	Fair	127	13	1,495	13	2,610	12	3,148	14								
		3	Good	518	50	6,301	53	10,338	45	11,506	51								
		4	Excellent	365	35	3,876	32	8,960	41	7,477	33								
		Total		1,023	100	11,878	100	22,402	100	22,570	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	28	3	347	3	858	4	795	4	3.3	3.2	.03	3.3	.00	3.2 **	.10	
		2	Probably no	101	10	1,354	11	2,727	12	3,036	13								
		3	Probably yes	447	45	5,281	45	8,981	40	10,196	45								
		4	Definitely yes	448	42	4,916	41	9,941	45	8,624	38								
		Total		1,024	100	11,898	100	22,507	100	22,651	100								
20. Do you intend to return to this institution next year?^f																			
	returnexp	No		47	5	498	4	1,069	5	954	5	90%	89%	.06	88% **	.09	88% *	.08	
		Yes		927	90	10,583	89	19,755	88	20,129	88								
		Not sure		47	5	821	7	1,709	8	1,621	7								
		Total		1,021	100	11,902	100	22,533	100	22,704	100								
		(Means indicate the percentage who responded "Yes.")																	

*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 2019 Frequencies and Statistical Comparisons

Missouri State 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						
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	290	16	2,743	18	12,080	31	6,304	17	2.5	2.5	.01	2.2 ***	.24	2.5	-.01
		2	Sometimes	664	36	5,510	34	11,942	31	13,928	35							
		3	Often	568	29	5,021	29	9,100	23	11,342	28							
		4	Very often	355	18	3,286	19	6,406	16	7,783	20							
		Total		1,877	100	16,560	100	39,528	100	39,357	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	106	6	1,008	7	5,697	14	2,140	6	2.8	2.9	-.03	2.7 ***	.13	2.9 **	-.07
		2	Sometimes	531	30	4,509	28	11,803	29	10,994	28							
		3	Often	750	40	6,284	37	12,522	32	14,364	36							
		4	Very often	485	25	4,715	27	9,427	26	11,741	29							
		Total		1,872	100	16,516	100	39,449	100	39,239	100							
i. Given a course presentation	present	1	Never	184	11	1,759	12	7,772	20	3,852	10	2.7	2.6 **	.06	2.5 ***	.19	2.7	-.02
		2	Sometimes	573	31	5,523	34	12,039	30	12,145	32							
		3	Often	640	34	5,450	32	11,166	28	12,796	32							
		4	Very often	475	24	3,792	22	8,433	21	10,432	26							
		Total		1,872	100	16,524	100	39,410	100	39,225	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	55	3	481	3	1,889	5	1,404	4	3.0	2.9 ***	.08	2.9 ***	.13	2.9 **	.06
		2	Sometimes	418	24	4,367	27	11,450	29	10,363	27							
		3	Often	848	45	7,264	44	15,537	40	16,032	41							
		4	Very often	542	28	4,306	25	10,242	26	11,088	28							
		Total		1,863	100	16,418	100	39,118	100	38,887	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	100	6	1,136	8	2,424	7	2,893	8	2.8	2.7 ***	.10	2.8	-.03	2.8	.03
		2	Sometimes	585	32	5,539	35	11,413	29	11,685	31							
		3	Often	715	38	6,126	37	14,807	37	14,045	36							
		4	Very often	455	24	3,570	21	10,369	26	10,132	25							
		Total		1,855	100	16,371	100	39,013	100	38,755	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	179	10	2,073	14	3,513	10	4,996	14	2.7	2.5 ***	.15	2.7	-.03	2.6 ***	.07
		2	Sometimes	614	33	5,893	37	12,646	33	12,524	33							
		3	Often	648	35	5,136	31	13,267	34	12,066	31							
		4	Very often	419	22	3,193	19	9,424	24	8,939	22							
		Total		1,860	100	16,295	100	38,850	100	38,525	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 2019 Frequencies and Statistical Comparisons

Missouri State 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							
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	66	4	753	5	1,329	4	1,926	5	2.8	2.8 **	.07	2.9 ***	-.09	2.8	.01	
		2	Sometimes	553	30	5,103	32	10,281	27	11,114	29								
		3	Often	832	45	7,138	44	17,274	44	16,337	42								
		4	Very often	400	21	3,218	20	9,782	25	8,906	23								
		Total		1,851	100	16,212	100	38,666	100	38,283	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	39	2	437	3	870	3	1,068	3	3.0	2.9 **	.07	3.0 **	-.06	3.0	-.03	
		2	Sometimes	453	25	4,236	27	8,554	22	8,746	23								
		3	Often	861	46	7,358	45	17,684	46	16,954	44								
		4	Very often	488	26	4,042	25	11,333	30	11,196	29								
		Total		1,841	100	16,073	100	38,441	100	37,964	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	32	2	333	2	653	2	827	3	3.0	2.9 ***	.09	3.0	-.03	3.0	.00	
		2	Sometimes	463	26	4,460	29	9,573	25	9,579	26								
		3	Often	854	46	7,433	46	17,112	44	16,727	44								
		4	Very often	490	26	3,732	23	10,830	28	10,501	28								
		Total		1,839	100	15,958	100	38,168	100	37,634	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	16	1	122	1	293	1	370	1	3.2	3.2	.01	3.2 ***	-.10	3.2	-.03	
		2	Sometimes	288	16	2,451	16	5,195	14	5,702	16								
		3	Often	872	48	7,889	50	17,561	46	17,410	46								
		4	Very often	654	35	5,395	34	14,917	39	13,885	37								
		Total		1,830	100	15,857	100	37,966	100	37,367	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	221	13	2,345	16	7,837	21	6,742	19	2.6	2.5 **	.07	2.4 ***	.18	2.4 ***	.17	
		2	Sometimes	715	40	6,001	38	14,343	38	14,905	40								
		3	Often	505	27	4,305	26	8,808	23	8,942	23								
		4	Very often	394	21	3,219	19	6,961	18	6,788	17								
		Total		1,835	100	15,870	100	37,949	100	37,377	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	658	37	5,726	38	18,960	51	16,705	45	2.0	2.0	.00	1.8 ***	.22	1.9 ***	.13	
		2	Sometimes	622	33	5,131	32	9,881	26	10,834	29								
		3	Often	324	18	3,037	18	5,208	13	5,671	15								
		4	Very often	229	12	1,947	12	3,812	10	4,010	10								
		Total		1,833	100	15,841	100	37,861	100	37,220	100								

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NSSE 2019 Frequencies and Statistical Comparisons

Missouri State 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						
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	444	25	3,663	24	13,540	37	10,406	29	2.2	2.2	.00	2.0 ***	.20	2.1 **	.07
		2	Sometimes	769	42	6,834	43	13,415	35	15,026	41							
		3	Often	391	21	3,521	22	6,912	18	7,496	20							
		4	Very often	218	11	1,735	11	3,769	10	4,064	11							
		Total		1,822	100	15,753	100	37,636	100	36,992	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	363	20	3,307	22	9,510	26	8,748	25	2.2	2.2	.03	2.2 ***	.10	2.2 **	.08
		2	Sometimes	826	45	7,084	45	16,368	44	16,225	44							
		3	Often	446	24	3,722	23	7,827	20	7,928	21							
		4	Very often	191	10	1,631	10	3,918	10	4,043	11							
		Total		1,826	100	15,744	100	37,623	100	36,944	100							
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	114	6	1,140	7	4,007	11	2,613	7	2.9	2.7 ***	.14	2.6 ***	.24	2.8 **	.07
		2	Some	482	26	4,929	32	12,368	33	10,762	30							
		3	Quite a bit	787	43	6,391	41	14,043	38	14,714	40							
		4	Very much	441	24	3,222	20	7,058	18	8,688	23							
		Total		1,824	100	15,682	100	37,476	100	36,777	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	50	3	392	3	871	3	1,123	3	3.0	3.0	-.04	3.1 ***	-.13	3.1 ***	-.08
		2	Some	392	22	3,231	21	6,913	19	7,197	20							
		3	Quite a bit	861	48	7,383	47	17,054	46	16,422	45							
		4	Very much	519	27	4,648	29	12,544	33	11,923	32							
		Total		1,822	100	15,654	100	37,382	100	36,665	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	58	3	509	3	996	3	1,317	4	3.0	3.0	.00	3.1 ***	-.15	3.0 ***	-.09
		2	Some	454	25	3,765	25	7,467	20	7,664	21							
		3	Quite a bit	805	45	7,014	45	16,367	44	15,630	43							
		4	Very much	501	27	4,286	27	12,316	33	11,803	32							
		Total		1,818	100	15,574	100	37,146	100	36,414	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	78	4	847	6	1,197	3	1,934	6	2.9	2.8 ***	.10	3.0 ***	-.15	2.9	-.02
		2	Some	449	25	4,272	28	7,827	21	8,433	24							
		3	Quite a bit	831	46	6,785	44	16,420	44	15,468	42							
		4	Very much	457	25	3,616	23	11,602	31	10,452	28							
		Total		1,815	100	15,520	100	37,046	100	36,287	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 2019 Frequencies and Statistical Comparisons

Missouri State 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									
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	66	4	630	4	1,067	3	1,624	5	2.9	2.9 **	.07	3.0 ***	-.12	2.9	-.02			
		2	Some	431	24	4,203	28	8,051	22	8,576	24								△	▽	
		3	Quite a bit	866	48	7,011	45	16,818	46	15,695	43										
		4	Very much	451	24	3,632	23	11,037	30	10,236	28										
		Total		1,814	100	15,476	100	36,973	100	36,131	100										
5. During the current school year, to what extent have your instructors done the following?																					
a. Clearly explained course goals and requirements	ETgoals	1	Very little	27	2	324	2	759	2	882	3	3.2	3.1 ***	.08	3.2 *	-.05	3.1	.03			
		2	Some	289	16	2,891	19	5,809	16	6,328	18								△	▽	
		3	Quite a bit	860	48	7,188	46	15,413	41	15,575	43										
		4	Very much	630	34	5,002	32	14,857	40	13,171	36										
		Total		1,806	100	15,405	100	36,838	100	35,956	100										
b. Taught course sessions in an organized way	ETorganize	1	Very little	49	3	509	4	1,408	4	1,378	4	3.1	3.0 ***	.09	3.1	-.04	3.0 *	.06			
		2	Some	305	17	3,010	19	5,959	17	7,098	20								△	△	
		3	Quite a bit	855	48	7,410	48	15,487	42	15,574	43										
		4	Very much	593	32	4,470	29	13,924	38	11,834	33										
		Total		1,802	100	15,399	100	36,778	100	35,884	100										
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	43	3	447	3	1,587	5	1,219	4	3.1	3.0 **	.07	3.1	.03	3.1	.01			
		2	Some	328	18	3,143	21	7,089	20	6,984	20								△		
		3	Quite a bit	819	45	6,867	44	14,464	40	14,677	41										
		4	Very much	610	34	4,918	32	13,587	36	12,908	36										
		Total		1,800	100	15,375	100	36,727	100	35,788	100										
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	168	10	1,606	11	3,722	11	3,900	12	2.8	2.7 *	.06	2.8 ***	-.08	2.7	.02			
		2	Some	522	29	4,697	31	9,222	25	10,247	29								△	▽	
		3	Quite a bit	680	38	5,598	36	12,331	33	12,154	33										
		4	Very much	430	24	3,462	22	11,372	31	9,494	26										
		Total		1,800	100	15,363	100	36,647	100	35,795	100										
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	112	6	1,173	8	2,315	7	3,003	9	2.8	2.7 ***	.09	2.9 ***	-.12	2.8 **	.06			
		2	Some	514	28	4,799	31	8,925	24	10,628	30								△	▽	△
		3	Quite a bit	752	42	6,126	40	13,981	38	13,246	37										
		4	Very much	421	23	3,226	21	11,354	31	8,815	24										
		Total		1,799	100	15,324	100	36,575	100	35,692	100										

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NSSE 2019 Frequencies and Statistical Comparisons

Missouri State 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								
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU				
				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	996	56	7,755	51	17,764	50	16,799	49	1.5	1.7 *	-0.6	2.1 ***	-0.15	2.0 ***	-0.13		
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	558	31	5,002	33	11,249	30	11,516	32									
		4	3-5	135	7	1,377	9	3,935	11	3,762	11									
		8	6-10	49	3	488	3	1,477	4	1,367	4									
		13	11-15	26	2	268	2	715	2	785	2									
		18	16-20	8	0	72	1	342	1	277	1									
		23	More than 20	15	1	127	1	486	1	426	1									
	Total			1,787	100	15,089	100	35,968	100	34,932	100									
Estimated number of assigned pages of student writing.	wrpages											64.5	71.3 **	-0.08	90.2 ***	-0.25	79.0 ***	-0.15		
	(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																			
8. During the current school year, about how often have you had discussions with people from the following groups?																				
a. People of a race or ethnicity other than your own	DDrace	1	Never	76	4	772	6	2,270	6	1,443	4	2.9	2.9	-0.03	3.1 ***	-0.19	3.2 ***	-0.32		
		2	Sometimes	565	32	4,317	29	7,953	21	6,537	20									
		3	Often	600	33	5,013	33	11,227	31	10,558	30									
		4	Very often	546	30	5,001	32	14,478	41	16,377	46									
		Total		1,787	100	15,103	100	35,928	100	34,915	100									
b. People from an economic background other than your own	DDeconomic	1	Never	43	3	585	4	2,048	6	1,414	4	3.0	3.0	.03	3.0 **	-0.06	3.1 ***	-0.13		
		2	Sometimes	476	27	3,775	26	8,066	22	7,229	21									
		3	Often	695	39	5,970	39	12,453	34	11,886	34									
		4	Very often	567	31	4,752	31	13,285	38	14,349	41									
		Total		1,781	100	15,082	100	35,852	100	34,878	100									
c. People with religious beliefs other than your own	DDreligion	1	Never	60	3	758	5	2,994	8	1,908	6	3.0	2.9	.04	2.9 ***	.09	3.1 ***	-0.10		
		2	Sometimes	509	29	4,005	27	10,744	29	7,748	22									
		3	Often	614	35	5,381	35	10,621	29	11,295	32									
		4	Very often	598	33	4,947	32	11,517	34	13,929	40									
		Total		1,781	100	15,091	100	35,876	100	34,880	100									
d. People with political views other than your own	DDpolitical	1	Never	64	4	705	5	2,576	7	2,353	7	3.0	2.9 ***	.08	2.9 ***	.10	2.9 ***	.12		
		2	Sometimes	427	24	4,076	28	9,889	27	10,130	29									
		3	Often	684	38	5,332	35	11,631	32	10,530	30									
		4	Very often	606	34	4,968	32	11,784	34	11,859	34									
		Total		1,781	100	15,081	100	35,880	100	34,872	100									

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NSSE 2019 Frequencies and Statistical Comparisons

Missouri State University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State		Plains Public		Carnegie Class		CUMU	
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	43	3	377	3	637	2	885	3	3.0	3.0	.02	3.2 *** ▽	-.20	3.1 ** ▽	-.07	
		2	Sometimes	384	21	3,302	22	5,986	17	6,839	20								
		3	Often	825	47	6,945	46	15,327	42	15,169	44								
		4	Very often	528	29	4,421	29	13,822	39	11,817	34								
		Total		1,780	100	15,045	100	35,772	100	34,710	100								
b. Reviewed your notes after class	LSnotes	1	Never	137	8	1,341	9	2,676	8	2,468	7	2.8	2.7 ** △	.06	2.9 *** ▽	-.13	2.8 * ▽	-.06	
		2	Sometimes	567	32	5,021	33	9,734	27	10,471	30								
		3	Often	618	35	5,029	33	11,955	33	11,596	33								
		4	Very often	461	25	3,627	24	11,357	32	10,175	29								
		Total		1,783	100	15,018	100	35,722	100	34,710	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	126	7	1,105	7	2,076	6	2,517	7	2.8	2.7	.03	2.9 *** ▽	-.19	2.8	-.04	
		2	Sometimes	546	31	4,854	33	9,310	26	10,330	30								
		3	Often	693	39	5,746	38	13,527	38	12,838	37								
		4	Very often	411	23	3,309	22	10,796	31	8,972	26								
		Total		1,776	100	15,014	100	35,709	100	34,657	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	22	1	143	1	387	1	455	1	5.3	5.4 * ▽	-.06	5.7 *** ▽	-.30	5.5 *** ▽	-.10	
		2		32	2	198	1	429	1	572	2								
		3		83	5	753	5	1,246	4	1,657	5								
		4		219	13	1,724	12	2,950	8	3,750	11								
		5		567	32	4,706	31	8,590	24	9,762	28								
		6		459	26	3,936	26	8,980	25	8,515	24								
		7	Very much	385	21	3,499	23	12,912	37	9,724	28								
		Total		1,767	100	14,959	100	35,494	100	34,435	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		144	9	1,036	7	4,837	15	3,426	10	46%	52% *** ▽	-.11	40% *** △	.13	47%	-.02	
		Do not plan to do		311	19	2,250	16	6,955	21	5,314	16								
		Plan to do		463	26	3,613	25	8,671	24	9,212	26								
		Done or in progress		854	46	8,069	52	15,058	40	16,528	47								
		Total		1,772	100	14,968	100	35,521	100	34,480	100								

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NSSE 2019 Frequencies and Statistical Comparisons

Missouri State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Missouri State				Plains Public				Carnegie Class				CUMU				Missouri State		Plains Public		Carnegie Class		CUMU	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	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	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	169	10	1,301	9	5,429	16	4,495	13	37%	40% *	-06	28% ***	.20	31% ***	.13	▽	△							
			Do not plan to do	763	44	6,148	43	16,429	47	16,068	47																
			Plan to do	149	8	1,131	8	3,217	9	3,266	10																
			Done or in progress	683	37	6,365	40	10,385	28	10,591	31																
			Total	1,764	100	14,945	100	35,460	100	34,420	100																
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	241	14	1,657	12	6,169	18	5,127	15	21%	24% *	-06	20%	.04	22%	-01	▽	△							
			Do not plan to do	918	53	8,091	55	18,127	52	17,709	52																
			Plan to do	200	12	1,327	9	3,665	10	3,868	11																
			Done or in progress	402	21	3,839	24	7,414	20	7,606	22																
			Total	1,761	100	14,914	100	35,375	100	34,310	100																
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	189	11	1,277	9	4,843	14	4,512	13	14%	14%	-02	11% ***	.08	13%	.02	△	△							
			Do not plan to do	1,162	67	10,245	70	23,908	68	22,428	66																
			Plan to do	151	9	994	7	2,279	6	2,855	8																
			Done or in progress	259	14	2,388	14	4,358	11	4,541	13																
			Total	1,761	100	14,904	100	35,388	100	34,336	100																
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	246	14	1,796	13	6,357	19	5,959	17	19%	22% ***	-09	16% **	.07	20%	-04	▽	△							
			Do not plan to do	944	54	7,958	54	19,435	55	16,607	48																
			Plan to do	223	13	1,664	11	3,545	10	4,882	15																
			Done or in progress	349	19	3,499	22	6,044	16	6,888	20																
			Total	1,762	100	14,917	100	35,381	100	34,336	100																
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	177	10	1,135	8	4,400	13	3,653	10	39%	46% ***	-12	38%	.04	41%	-04	▽	△							
			Do not plan to do	423	25	2,953	21	7,356	22	7,131	21																
			Plan to do	441	26	3,636	25	9,586	27	8,944	27																
			Done or in progress	718	39	7,177	46	13,990	38	14,563	41																
			Total	1,759	100	14,901	100	35,332	100	34,291	100																
12. About how many of your courses at this institution have included a community-based project (service-learning)?																											
servcourse	1	None	1	368	22	5,437	37	12,759	39	13,332	41	1.9	1.8 ***	.25	1.8 ***	.21	1.7 ***	.27	△	△							
			2	1,128	63	7,589	50	17,361	47	16,511	47																
			3	226	12	1,535	10	4,090	11	3,487	10																
			4	34	2	310	2	1,066	3	903	3																
			Total	1,756	100	14,871	100	35,276	100	34,233	100																

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NSSE 2019 Frequencies and Statistical Comparisons

Missouri State 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						
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU		
				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	16	1	143	1	416	1	428	1	5.6	5.6	-0.02	5.6	-0.05	5.5	.03
		2		31	2	188	1	547	2	638	2							
		3		53	3	522	4	1,326	4	1,449	4							
		4		176	10	1,503	10	3,390	10	3,884	11							
		5		463	26	3,774	25	7,670	22	8,504	25							
		6		516	29	4,302	28	8,721	25	9,035	26							
		7	Excellent	491	27	4,208	28	11,558	32	9,975	29							
		—	Not applicable	15	1	238	2	1,664	4	316	1							
		Total		1,761	100	14,878	100	35,292	100	34,229	100							
b. Academic advisors	QIadvisor	1	Poor	53	3	577	4	1,282	4	1,940	6	5.4	5.3	.03	5.5 *	-0.05	5.0 ***	.18
		2		74	4	680	5	1,466	4	1,911	6							
		3		122	7	1,080	7	2,138	6	2,812	8							
		4		208	12	1,824	12	3,838	11	4,724	14							
		5		341	19	2,809	19	5,835	16	6,343	18							
		6		372	21	3,044	20	6,734	19	6,256	18							
		7	Excellent	583	33	4,749	33	13,241	38	9,715	29							
		—	Not applicable	7	0	116	1	731	2	503	2							
		Total		1,760	100	14,879	100	35,265	100	34,204	100							
c. Faculty	QIfaculty	1	Poor	15	1	165	1	445	1	646	2	5.5	5.4	.02	5.7 ***	-0.16	5.4 *	.05
		2		25	2	260	2	613	2	883	3							
		3		93	5	654	5	1,333	4	1,861	6							
		4		202	11	1,952	13	3,323	10	4,347	13							
		5		456	26	3,928	26	7,050	20	8,151	24							
		6		559	31	4,203	28	9,572	27	9,038	26							
		7	Excellent	400	23	3,619	25	12,318	35	8,999	26							
		—	Not applicable	8	1	84	1	577	2	258	1							
		Total		1,758	100	14,865	100	35,231	100	34,183	100							

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NSSE 2019 Frequencies and Statistical Comparisons

Missouri State 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							
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU			
				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	51	3	425	3	1,298	4	1,699	5	5.1	5.1	.00	5.1	-.04	4.9 ***	.12	
		2		70	4	514	4	1,272	4	1,580	5								
		3		101	6	983	7	1,958	5	2,533	7								
		4		242	14	2,049	13	3,641	10	4,469	13								
		5		376	21	3,053	20	5,377	15	5,998	17								
		6		353	19	2,874	19	5,359	15	5,540	16								
		7	Excellent	297	17	2,663	18	7,656	21	5,867	17								
		—	Not applicable	270	16	2,310	17	8,657	26	6,483	20								
	Total			1,760	100	14,871	100	35,218	100	34,169	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	51	3	483	3	1,378	4	1,979	6	5.2	5.1	.03	5.2	-.04	4.8 ***	.20	
		2		63	4	577	4	1,429	4	1,964	6								
		3		125	7	995	7	2,248	6	3,102	9								
		4		235	13	2,260	15	4,311	12	5,331	15								
		5		425	23	3,397	22	6,565	18	6,853	20								
		6		424	24	3,204	22	6,868	19	6,149	18								
		7	Excellent	353	21	2,978	21	10,025	29	6,331	19								
		—	Not applicable	84	5	963	7	2,421	7	2,470	8								
	Total			1,760	100	14,857	100	35,245	100	34,179	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	30	2	275	2	735	2	754	2	3.0	3.0	-.02	3.1 ***	-.08	3.1 ***	-.08	
		2	Some	375	22	3,200	22	6,712	20	6,754	20								
		3	Quite a bit	876	50	7,136	48	16,240	46	15,607	46								
		4	Very much	475	27	4,218	28	11,432	32	10,936	32								
			Total			1,756	100	14,829	100	35,119	100								34,051
b. Providing support to help students succeed academically	SEacademic	1	Very little	69	4	634	5	1,683	5	1,874	6	2.9	2.9 *	.06	3.0 ***	-.08	2.9 **	.06	
		2	Some	418	24	3,799	26	7,392	22	8,697	26								
		3	Quite a bit	790	45	6,761	46	14,220	40	14,256	42								
		4	Very much	475	26	3,605	24	11,743	33	9,158	26								
			Total			1,752	100	14,799	100	35,038	100								33,985
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	159	9	1,286	9	2,845	8	3,132	9	2.8	2.8	.05	2.9 ***	-.13	2.8	.00	
		2	Some	427	25	4,073	28	7,661	22	8,702	26								
		3	Quite a bit	705	40	5,903	39	13,047	37	12,692	38								
		4	Very much	463	25	3,542	24	11,475	33	9,445	27								
			Total			1,754	100	14,804	100	35,028	100								33,971

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Missouri State 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						
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class	CUMU			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	161	10	2,061	14	5,082	15	4,538	14	2.8	2.6 ***	.21	2.7 ***	.09	2.7 **	.07
		2	Some	495	29	4,969	34	9,914	28	9,660	29							
		3	Quite a bit	664	38	5,062	34	11,390	32	11,154	33							
		4	Very much	434	24	2,687	18	8,544	25	8,557	25							
		Total		1,754	100	14,779	100	34,930	100	33,909	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	77	5	993	7	4,139	13	2,897	9	3.0	2.8 ***	.18	2.7 ***	.24	2.8 ***	.16
		2	Some	396	23	3,992	28	9,078	27	9,178	27							
		3	Quite a bit	745	43	6,276	42	12,634	35	12,762	37							
		4	Very much	535	29	3,500	23	9,080	25	9,030	26							
		Total		1,753	100	14,761	100	34,931	100	33,867	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	115	7	1,353	10	5,294	16	3,929	12	2.9	2.7 ***	.18	2.6 ***	.28	2.7 ***	.20
		2	Some	397	23	4,149	28	9,458	28	9,389	28							
		3	Quite a bit	721	41	5,844	39	11,649	33	12,019	35							
		4	Very much	512	29	3,405	23	8,443	23	8,498	25							
		Total		1,745	100	14,751	100	34,844	100	33,835	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	496	28	4,822	33	11,377	33	11,830	35	2.2	2.1 ***	.12	2.1	.04	2.1 ***	.10
		2	Some	657	37	5,560	37	11,626	33	11,495	34							
		3	Quite a bit	409	24	3,099	21	7,379	21	6,824	20							
		4	Very much	192	11	1,261	9	4,472	13	3,671	11							
		Total		1,754	100	14,742	100	34,854	100	33,820	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	193	11	1,871	14	9,147	29	5,704	17	2.6	2.6 **	.07	2.3 ***	.30	2.5 ***	.11
		2	Some	557	32	4,723	32	9,259	27	11,014	32							
		3	Quite a bit	654	37	5,412	36	10,009	28	10,790	32							
		4	Very much	347	19	2,732	18	6,327	17	6,272	19							
		Total		1,751	100	14,738	100	34,742	100	33,780	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	257	15	2,822	20	9,500	29	6,665	20	2.5	2.3 ***	.21	2.2 ***	.28	2.4 ***	.12
		2	Some	632	37	6,052	41	11,514	33	12,318	37							
		3	Quite a bit	580	32	4,260	29	9,000	25	9,784	29							
		4	Very much	285	16	1,602	11	4,738	13	5,002	15							
		Total		1,754	100	14,736	100	34,752	100	33,769	100							

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NSSE 2019 Frequencies and Statistical Comparisons

Missouri State 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						
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
15. About how many hours do you spend in a typical 7-day week doing the following?																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	8	1	69	1	141	0	144	0	13.0	14.6 ***	-0.19	15.3 ***	-0.26	14.6 ***	-0.18
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	322	19	2,040	14	4,356	13	4,994	15							
	8	6-10 hrs	452	26	3,499	24	7,752	23	8,104	24								
	13	11-15 hrs	371	21	3,030	21	6,888	20	6,877	20								
	18	16-20 hrs	282	16	2,595	18	6,516	19	5,824	17								
	23	21-25 hrs	149	8	1,563	11	3,910	11	3,386	10								
	28	26-30 hrs	76	4	859	6	2,382	7	1,888	6								
	33	More than 30 hrs	85	5	1,057	7	2,839	8	2,472	8								
	Total			1,745	100	14,712	100	34,784	100	33,689	100							
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	664	40	5,017	37	18,181	54	15,733	47	4.9	5.3 *	-0.06	4.2 ***	.10	4.5 *	.06
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	546	30	4,804	31	7,843	22	9,080	27							
	8	6-10 hrs	242	13	2,167	14	3,510	10	3,821	11								
	13	11-15 hrs	146	8	1,183	8	2,062	6	2,256	7								
	18	16-20 hrs	71	4	724	5	1,401	4	1,364	4								
	23	21-25 hrs	40	2	402	3	825	2	673	2								
	28	26-30 hrs	14	1	146	1	359	1	266	1								
	33	More than 30 hrs	26	1	245	2	533	2	441	1								
	Total			1,749	100	14,688	100	34,714	100	33,634	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	1,346	78	10,005	69	27,015	79	25,640	76	3.3	4.1 ***	-0.11	2.8 **	.09	3.5	-0.03
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	44	2	681	4	1,323	4	968	3							
	8	6-10 hrs	80	4	1,176	8	2,101	5	1,874	6								
	13	11-15 hrs	88	5	1,105	7	1,610	4	1,833	6								
	18	16-20 hrs	117	7	1,076	7	1,557	4	2,043	6								
	23	21-25 hrs	42	2	331	2	524	1	683	2								
	28	26-30 hrs	10	1	142	1	222	1	219	1								
	33	More than 30 hrs	20	1	172	1	376	1	380	1								
	Total			1,747	100	14,688	100	34,728	100	33,640	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 2019 Frequencies and Statistical Comparisons

Missouri State 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						
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class	CUMU			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	475	26	5,605	37	12,811	36	11,194	35	16.3	13.2 *** △	.24	15.8	.03	14.5 *** △	.14
	(Recorded version of tmworkoff created by NSSE.)	3	1-5 hrs	91	5	787	5	1,487	4	1,515	4							
	8	6-10 hrs	103	5	1,086	7	1,828	5	2,088	6								
	13	11-15 hrs	138	8	1,267	8	1,917	5	2,504	7								
	18	16-20 hrs	219	12	1,685	11	2,497	7	3,811	11								
	23	21-25 hrs	236	13	1,285	9	1,975	5	3,209	9								
	28	26-30 hrs	152	9	853	6	1,605	4	2,461	7								
	33	More than 30 hrs	332	22	2,133	17	10,636	33	6,889	21								
	Total		1,746	100	14,701	100	34,756	100	33,671	100								
	Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)														
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	761	45	6,980	49	15,933	47	17,213	52	3.5	3.0 ** △	.08	3.6	-.03	3.4	.02
	(Recorded version of tmservice created by NSSE.)	3	1-5 hrs	694	38	5,483	36	12,209	34	10,162	30							
	8	6-10 hrs	150	8	1,118	7	3,236	9	2,965	8								
	13	11-15 hrs	57	3	484	3	1,341	4	1,429	4								
	18	16-20 hrs	35	2	328	2	900	3	891	3								
	23	21-25 hrs	20	1	137	1	407	1	414	1								
	28	26-30 hrs	9	0	55	0	213	1	185	1								
33	More than 30 hrs	23	1	105	1	489	1	368	1									
Total		1,749	100	14,690	100	34,728	100	33,627	100									
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	34	2	275	2	1,378	4	1,093	4	11.7	11.5	.02	9.7 *** △	.25	10.7 *** △	.11
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	416	24	3,485	24	11,194	33	9,760	28							
	8	6-10 hrs	518	29	4,164	28	9,784	28	9,244	27								
	13	11-15 hrs	314	18	2,977	20	5,704	16	5,971	18								
	18	16-20 hrs	229	13	1,930	13	3,409	10	3,709	11								
	23	21-25 hrs	96	6	791	6	1,335	4	1,560	5								
	28	26-30 hrs	49	3	340	2	608	2	732	2								
33	More than 30 hrs	91	5	724	5	1,314	4	1,562	5									
Total		1,747	100	14,686	100	34,726	100	33,631	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 2019 Frequencies and Statistical Comparisons

Missouri State 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								
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	1,231	69	10,743	71	18,262	51	20,353	61	5.3	4.9	.03	10.0 ***	-0.35	6.1 ***	-0.08		
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	165	10	1,238	9	3,525	10	4,419	13									
	8	6-10 hrs	70	4	550	4	1,921	6	2,063	6										
	13	11-15 hrs	48	3	380	3	1,313	4	1,326	4										
	18	16-20 hrs	33	2	316	2	1,255	4	1,045	3										
	23	21-25 hrs	25	2	176	1	694	2	558	2										
	28	26-30 hrs	16	1	104	1	596	2	357	1										
	33	More than 30 hrs	157	10	1,176	9	7,102	21	3,462	11										
	Total			1,745	100	14,683	100	34,668	100	33,583	100									
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	223	13	2,400	18	15,644	46	3,700	12	5.1	4.6 **	.08	3.7 ***	.23	6.4 ***	-0.20		
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	1,075	62	8,925	59	12,055	33	16,562	49									
	8	6-10 hrs	260	15	1,989	13	3,872	11	7,723	23										
	13	11-15 hrs	83	5	678	5	1,424	4	2,829	8										
	18	16-20 hrs	37	2	293	2	658	2	1,169	4										
	23	21-25 hrs	14	1	133	1	335	1	552	2										
	28	26-30 hrs	13	1	53	0	154	0	248	1										
	33	More than 30 hrs	39	2	224	2	563	2	868	2										
	Total			1,744	100	14,695	100	34,705	100	33,651	100									
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																				
reading	1	Very little	296	17	2,447	17	3,946	11	4,790	15	2.7	2.7	-0.03	2.9 ***	-0.24	2.8 ***	-0.12			
	2	Some	565	32	4,472	31	9,184	26	9,507	29										
	3	About half	467	27	3,847	26	10,684	31	9,154	27										
	4	Most	295	17	2,750	18	7,715	23	7,047	21										
	5	Almost all	122	7	1,151	8	3,172	9	3,082	9										
		Total			1,745	100	14,667	100	34,701	100								33,580	100	
tmreadinghrs	(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)													5.8	6.5 ***	-0.13	7.8 ***	-0.30	6.8 ***	-0.17

*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 2019 Frequencies and Statistical Comparisons

Missouri State 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							
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State		Plains Public		Carnegie Class		CUMU	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
	tmreadinghrscol	1	0 hrs	8	1	68	1	138	0	142	0								
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	991	57	7,565	52	15,351	44	16,613	50								
		3	More than 5, up to 10 hrs	466	27	4,105	28	10,081	29	9,517	29								
		4	More than 10, up to 15 hrs	140	8	1,451	10	4,040	12	3,376	10								
		5	More than 15, up to 20 hrs	71	4	740	5	2,329	7	1,913	6								
		6	More than 20, up to 25 hrs	35	2	461	3	1,735	5	1,257	4								
		7	More than 25 hrs	25	1	233	2	855	3	611	2								
		Total		1,736	100	14,623	100	34,529	100	33,429	100								

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

a. Writing clearly and effectively	pgwrite	1	Very little	85	5	824	6	1,399	4	1,829	6	3.0	2.9 **	.08	3.1 ***	-0.19	3.0	-0.01
		2	Some	389	23	3,622	25	6,241	18	7,255	22							
		3	Quite a bit	713	41	6,023	41	12,994	37	12,969	38							
		4	Very much	554	31	4,177	28	13,917	40	11,426	33							
		Total		1,741	100	14,646	100	34,551	100	33,479	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	113	7	1,128	8	2,691	8	2,412	8	2.9	2.8 ***	.13	3.0	-0.02	2.9	.04
		2	Some	375	22	3,874	27	7,520	22	8,007	24							
		3	Quite a bit	695	40	5,682	39	12,361	35	12,396	36							
		4	Very much	557	31	3,973	26	12,060	35	10,715	31							
		Total		1,740	100	14,657	100	34,632	100	33,530	100							
c. Thinking critically and analytically	pgthink	1	Very little	36	2	294	2	706	2	849	3	3.3	3.2	.01	3.3 ***	-0.10	3.3	-0.01
		2	Some	231	14	1,936	14	4,029	12	4,485	14							
		3	Quite a bit	689	39	5,990	41	12,471	36	12,525	37							
		4	Very much	787	44	6,447	43	17,455	50	15,679	46							
		Total		1,743	100	14,667	100	34,661	100	33,538	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	163	9	1,387	9	3,799	11	3,094	9	2.9	2.8	.02	2.8	.01	2.9 *	-0.06
		2	Some	457	26	4,028	27	9,109	26	8,453	24							
		3	Quite a bit	634	37	5,007	35	11,126	32	11,222	34							
		4	Very much	489	28	4,245	29	10,602	31	10,771	33							
		Total		1,743	100	14,667	100	34,636	100	33,540	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 2019 Frequencies and Statistical Comparisons

Missouri State 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						
				Missouri State		Plains Public		Carnegie Class		CUMU		Missouri State	Plains Public	Carnegie Class		CUMU		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	106	6	1,013	7	2,462	8	3,156	10	3.0	3.0	-.01	3.0 **	-.08	2.9 ***	.08
		2	Some	416	25	3,272	22	7,027	20	8,192	24							
		3	Quite a bit	618	36	5,408	37	11,645	33	11,323	33							
		4	Very much	601	33	4,961	33	13,497	39	10,858	32							
		Total		1,741	100	14,654	100	34,631	100	33,529	100							
f. Working effectively with others	pgothers	1	Very little	78	5	637	5	1,935	6	1,636	5	3.1	3.0 *	.05	3.1	.01	3.0 *	.05
		2	Some	301	19	2,946	21	6,834	20	7,142	22							
		3	Quite a bit	712	40	5,950	40	12,431	35	12,629	37							
		4	Very much	655	36	5,122	34	13,422	39	12,152	35							
		Total		1,746	100	14,655	100	34,622	100	33,559	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	145	10	1,528	11	2,670	9	3,580	12	2.9	2.8 ***	.11	3.0 ***	-.11	2.8 **	.06
		2	Some	392	23	3,832	27	7,039	21	8,123	24							
		3	Quite a bit	658	37	5,261	35	11,814	34	11,504	34							
		4	Very much	550	30	4,029	27	13,079	37	10,312	30							
		Total		1,745	100	14,650	100	34,602	100	33,519	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	110	7	1,294	10	2,916	9	2,762	9	3.0	2.8 ***	.18	2.9	.04	2.9 *	.05
		2	Some	394	23	4,039	28	8,203	24	7,870	24							
		3	Quite a bit	624	36	5,248	35	11,619	33	11,391	34							
		4	Very much	615	33	4,074	27	11,872	34	11,490	33							
		Total		1,743	100	14,655	100	34,610	100	33,513	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	135	8	1,174	9	2,681	8	3,064	10	2.8	2.8	.02	2.9 **	-.07	2.8	.00
		2	Some	482	28	4,082	28	8,830	25	9,052	27							
		3	Quite a bit	636	36	5,535	38	12,152	35	11,712	34							
		4	Very much	491	27	3,869	26	10,948	32	9,709	29							
		Total		1,744	100	14,660	100	34,611	100	33,537	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	160	10	1,795	13	3,682	11	4,061	13	2.8	2.6 ***	.18	2.8	.01	2.7 ***	.09
		2	Some	463	27	4,653	32	9,358	27	9,505	28							
		3	Quite a bit	621	35	4,859	33	11,257	32	10,804	32							
		4	Very much	501	28	3,359	22	10,304	30	9,191	27							
		Total		1,745	100	14,666	100	34,601	100	33,561	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 2019 Frequencies and Statistical Comparisons

Missouri State University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b													
				Missouri State				Plains Public				Carnegie Class				CUMU				Your seniors compared with					
				Count		%		Count		%		Count		%		Count		%		Mean		Effect size ^e		Effect size ^e	
Item wording or description	Variable name ^c	Values ^d	Response options																						
18. How would you evaluate your entire educational experience at this institution?																									
	evalexp	1	Poor	22	2	308	2	693	2	910	3	3.3		3.2 ***		.10		3.3 ***		-.09		3.2 ***		.11	
		2	Fair	174	10	1,767	13	3,183	10	4,335	13														
		3	Good	801	46	6,916	47	13,316	38	15,232	44														
		4	Excellent	747	42	5,698	38	17,552	50	13,233	39														
			Total	1,744	100	14,689	100	34,744	100	33,710	100														
														△				▽		△					
19. If you could start over again, would you go to the same institution you are now attending?																									
	sameinst	1	Definitely no	51	3	582	4	1,423	5	1,613	5	3.3		3.2 ***		.12		3.3		.00		3.2 ***		.12	
		2	Probably no	166	10	1,844	13	3,749	11	4,271	13														
		3	Probably yes	710	41	6,078	41	11,777	34	13,425	39														
		4	Definitely yes	823	46	6,246	42	17,872	50	14,477	43														
			Total	1,750	100	14,750	100	34,821	100	33,786	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 2019 Frequencies and Statistical Comparisons

Detailed Statistics^g

Missouri State University

First-Year Students

Variable Name	N					Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Missouri State	Missouri State	Plains Public	Carnegie Class	CUMU	Missouri State	Plains Public	Carnegie Class	CUMU	Missouri State	Plains Public	Carnegie Class	CUMU	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public	Carnegie Class	CUMU	Plains Public	Carnegie Class	CUMU	Plains Public	Carnegie Class	CUMU
1 a. askquest	1,146	2.66	2.75	2.95	2.79	.024	.006	.004	.004	.80	.82	.85	.85	20,236	45,658	53,262	.000	.000	.000	-.11	-.34	-.15
b. drafts	1,139	2.31	2.38	2.58	2.50	.029	.007	.005	.004	.96	.97	.99	.97	20,199	1,200	1,189	.013	.000	.000	-.08	-.27	-.19
c. unpreparedr	1,142	2.91	3.01	3.13	2.99	.023	.006	.004	.003	.79	.77	.77	.78	1,275	45,466	1,190	.000	.000	.001	-.13	-.29	-.11
d. attendart	1,139	1.78	1.91	1.86	1.84	.028	.007	.004	.004	.95	.92	.94	.91	1,270	45,361	1,185	.000	.004	.032	-.14	-.09	-.07
e. CLaskhelp	1,134	2.64	2.66	2.47	2.61	.025	.006	.005	.004	.86	.87	.96	.89	20,142	1,208	1,188	.643	.000	.193	-.01	.18	.04
f. CLexplain	1,135	2.71	2.73	2.57	2.72	.023	.006	.004	.004	.79	.82	.91	.83	20,101	1,213	1,190	.391	.000	.457	-.03	.15	-.02
g. CLstudy	1,132	2.54	2.56	2.44	2.51	.027	.007	.005	.004	.90	.96	1.02	.97	1,290	1,207	1,190	.600	.000	.170	-.02	.11	.04
h. CLproject	1,127	2.63	2.65	2.52	2.63	.024	.006	.005	.004	.82	.85	.94	.87	1,277	1,205	1,183	.503	.000	.846	-.02	.12	.01
i. present	1,125	2.55	2.21	2.24	2.30	.025	.006	.005	.004	.84	.88	.95	.91	19,882	1,199	1,183	.000	.000	.000	.39	.33	.28
2 a. RIntegrate	1,116	2.61	2.57	2.57	2.60	.025	.006	.004	.004	.83	.82	.87	.85	19,689	1,179	51,183	.063	.078	.694	.06	.05	.01
b. RIsocietal	1,114	2.60	2.50	2.61	2.62	.024	.006	.004	.004	.81	.86	.89	.88	1,270	1,185	1,173	.000	.796	.447	.12	-.01	-.02
c. RIdiverse	1,105	2.59	2.49	2.61	2.62	.025	.007	.004	.004	.82	.88	.90	.91	1,261	1,174	1,165	.000	.484	.230	.12	-.02	-.03
d. Rlownview	1,104	2.78	2.72	2.84	2.80	.023	.006	.004	.004	.77	.79	.81	.80	1,249	43,003	49,897	.006	.017	.601	.08	-.07	-.02
e. Rlperspect	1,096	2.90	2.86	2.97	2.94	.023	.006	.004	.004	.75	.78	.79	.79	1,243	42,502	49,178	.086	.008	.103	.05	-.08	-.05
f. Rlnewview	1,087	2.84	2.79	2.91	2.87	.023	.006	.004	.004	.76	.77	.79	.79	18,925	41,972	48,600	.028	.007	.185	.07	-.08	-.04
g. Rlconnect	1,088	3.06	2.98	3.07	3.04	.021	.005	.004	.003	.71	.73	.74	.74	18,733	1,152	48,060	.001	.439	.558	.10	-.02	.02
3 a. SFcareer	1,082	2.46	2.39	2.34	2.27	.026	.007	.005	.004	.87	.90	.94	.94	18,764	1,150	48,085	.008	.000	.000	.08	.13	.21
b. SFotherwork	1,079	1.82	1.86	1.75	1.76	.028	.007	.005	.004	.90	.91	.92	.91	18,700	41,404	47,802	.120	.023	.040	-.05	.07	.06
c. SFdiscuss	1,082	1.97	2.01	1.98	1.97	.025	.006	.005	.004	.84	.86	.92	.90	18,591	1,153	1,140	.182	.878	.960	-.04	.00	.00
d. SFperform	1,084	2.18	2.12	2.17	2.09	.025	.006	.004	.004	.82	.85	.89	.88	18,571	1,153	47,171	.026	.693	.001	.07	.01	.10
4 a. memorize	1,078	3.02	2.91	2.91	2.93	.024	.006	.004	.004	.78	.78	.82	.81	18,500	1,142	1,133	.000	.000	.000	.14	.14	.11
b. HOapply	1,074	2.88	2.87	2.93	2.90	.023	.006	.004	.004	.76	.78	.80	.80	1,220	1,140	1,131	.450	.043	.440	.02	-.06	-.02
c. HOanalyze	1,068	2.87	2.82	2.94	2.92	.023	.006	.004	.004	.75	.80	.81	.81	1,221	1,137	1,128	.017	.004	.067	.07	-.08	-.05
d. HOevaluate	1,067	2.90	2.78	2.97	2.91	.023	.006	.004	.004	.76	.79	.81	.80	1,214	39,902	1,124	.000	.006	.582	.15	-.09	-.02
e. HOform	1,067	2.86	2.79	2.94	2.90	.024	.006	.004	.004	.78	.80	.80	.81	1,209	39,731	45,785	.005	.001	.121	.09	-.10	-.05
5 a. ETgoals	1,062	2.98	3.02	3.12	3.05	.023	.006	.004	.004	.75	.76	.79	.78	18,087	1,127	1,118	.085	.000	.002	-.05	-.18	-.09
b. ETorganize	1,061	2.95	2.96	3.04	2.98	.024	.006	.004	.004	.80	.79	.83	.82	18,043	1,125	45,267	.851	.000	.254	-.01	-.11	-.04
c. ETexample	1,060	2.95	2.96	3.05	3.01	.025	.006	.004	.004	.81	.81	.84	.82	18,005	39,314	45,160	.527	.000	.021	-.02	-.12	-.07
d. ETdraftfb	1,062	2.63	2.73	2.92	2.81	.027	.007	.005	.004	.88	.89	.91	.91	17,976	1,124	45,088	.000	.000	.000	-.11	-.33	-.20
e. ETfeedback	1,057	2.55	2.63	2.82	2.71	.027	.007	.005	.004	.88	.88	.91	.90	17,925	39,191	44,902	.003	.000	.000	-.10	-.30	-.18

NSSE 2019 Frequencies and Statistical Comparisons

Detailed Statistics^g

Missouri State University

First-Year Students

Variable Name	N					Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
														Comparisons with:			Comparisons with:			Comparisons with:		
	Missouri State	Missouri State	Plains Public	Carnegie Class	CUMU	Missouri State	Plains Public	Carnegie Class	CUMU	Missouri State	Plains Public	Carnegie Class	CUMU	Plains Public	Carnegie Class	CUMU	Plains Public	Carnegie Class	CUMU	Plains Public	Carnegie Class	CUMU
6 a. QRconclude	1,050	2.50	2.54	2.55	2.56	.026	.007	.005	.004	.86	.85	.89	.88	17,780	1,113	44,354	.085	.029	.014	-.05	-.07	-.08
b. QRproblem	1,045	2.34	2.27	2.31	2.32	.027	.007	.005	.004	.86	.89	.93	.92	17,662	1,112	1,102	.017	.258	.488	.08	.03	.02
c. QRevaluate	1,040	2.30	2.27	2.27	2.31	.026	.007	.005	.004	.85	.86	.90	.89	17,655	1,104	1,094	.345	.283	.647	.03	.03	-.01
7 a. wrshortnum	1,042	5.66	6.11	6.84	6.67	.157	.042	.031	.027	5.08	5.47	5.96	5.67	1,198	1,122	1,105	.006	.000	.000	-.08	-.20	-.18
b. wrmednum	1,040	2.01	2.00	2.28	2.53	.093	.024	.017	.017	3.00	3.05	3.33	3.54	17,559	1,112	1,111	.940	.004	.000	.00	-.08	-.15
c. wrlongnum	1,041	.85	.80	.93	1.04	.088	.020	.015	.014	2.83	2.60	2.82	2.98	17,565	38,277	1,097	.530	.350	.033	.02	-.03	-.06
— wrpages	1,035	45.71	45.59	52.26	55.48	2.210	.506	.368	.363	71.10	64.84	70.79	74.78	17,477	1,093	1,091	.955	.003	.000	.00	-.09	-.13
8 a. DDrace	1,042	2.97	2.90	3.06	3.09	.027	.007	.005	.004	.88	.90	.93	.89	1,183	1,106	43,737	.016	.001	.000	.08	-.10	-.14
b. DDeconomic	1,039	3.05	2.94	3.02	3.03	.026	.007	.005	.004	.82	.86	.91	.88	1,185	1,109	1,097	.000	.235	.581	.13	.03	.02
c. DDreligion	1,042	3.00	2.92	2.91	2.99	.027	.007	.005	.004	.87	.90	.96	.92	1,187	1,114	1,100	.002	.001	.722	.09	.10	.01
d. DDpolitical	1,040	3.07	2.93	2.90	2.86	.026	.007	.005	.005	.85	.89	.95	.95	1,189	1,114	1,104	.000	.000	.000	.16	.18	.22
9 a. LSreading	1,037	2.98	2.90	3.08	3.01	.023	.006	.004	.004	.74	.76	.76	.76	1,179	1,099	43,345	.001	.000	.262	.11	-.13	-.04
b. LSnotes	1,035	2.83	2.81	3.00	2.89	.027	.007	.005	.004	.87	.88	.87	.88	17,408	1,093	43,306	.489	.000	.055	.02	-.19	-.06
c. LSsummary	1,034	2.75	2.73	2.91	2.80	.025	.007	.005	.004	.82	.86	.87	.86	1,180	37,860	43,220	.436	.000	.078	.02	-.18	-.06
10. challenge	1,029	5.29	5.35	5.56	5.37	.038	.009	.007	.006	1.20	1.20	1.28	1.26	17,332	1,094	1,084	.133	.000	.033	-.05	-.21	-.06
11 a. intern ^l	1,031	.050	.074	.079	.080	.0068	.0020	.0014	.0013	--	--	--	--	--	--	--	.005	.001	.000	-.10	-.12	-.12
b. leader ^l	1,028	.121	.122	.102	.096	.0102	.0026	.0016	.0014	--	--	--	--	--	--	--	.899	.044	.009	.00	.06	.08
c. learncom ^l	1,028	.092	.136	.122	.137	.0090	.0027	.0017	.0017	--	--	--	--	--	--	--	.000	.004	.000	-.14	-.10	-.14
d. abroad ^l	1,029	.020	.027	.030	.030	.0044	.0013	.0009	.0008	--	--	--	--	--	--	--	.216	.071	.062	-.04	-.06	-.06
e. research ^l	1,028	.023	.046	.039	.041	.0047	.0017	.0010	.0010	--	--	--	--	--	--	--	.000	.008	.004	-.13	-.09	-.10
f. capstone ^l	1,030	.018	.016	.020	.020	.0041	.0010	.0007	.0007	--	--	--	--	--	--	--	.696	.662	.591	.01	-.01	-.02
12. servcourse	1,025	1.98	1.62	1.65	1.61	.019	.005	.004	.003	.60	.68	.73	.70	1,197	1,113	1,095	.000	.000	.000	.54	.45	.53
13 a. Qlstudent	1,021	5.44	5.42	5.50	5.32	.039	.011	.007	.007	1.26	1.34	1.39	1.41	1,171	1,093	1,084	.663	.116	.005	.01	-.05	.08
b. Qladvisor	1,023	5.43	5.33	5.44	5.20	.049	.013	.009	.008	1.55	1.59	1.63	1.66	16,960	1,088	1,082	.049	.831	.000	.06	-.01	.13
c. Qlfaculty	1,022	5.26	5.29	5.50	5.23	.042	.011	.007	.007	1.34	1.36	1.41	1.44	16,975	1,087	1,081	.590	.000	.466	-.02	-.17	.02
d. Qlstaff	946	5.18	5.15	5.21	4.98	.050	.013	.009	.009	1.54	1.54	1.64	1.67	15,732	1,012	1,004	.501	.552	.000	.02	-.02	.12
e. Qladmin	972	5.15	5.12	5.24	4.93	.050	.013	.009	.009	1.57	1.54	1.63	1.66	15,952	1,032	1,027	.607	.082	.000	.02	-.05	.13
14 a. empstudy	1,025	3.04	3.02	3.09	3.06	.023	.006	.004	.004	.73	.73	.76	.76	17,082	1,087	42,117	.431	.044	.450	.03	-.06	-.02
b. SEacademic	1,024	3.01	2.99	3.11	3.01	.025	.006	.004	.004	.80	.80	.83	.83	17,022	1,087	42,024	.439	.000	.909	.02	-.11	.00
c. SElearnsup	1,021	3.07	3.01	3.15	3.10	.027	.007	.005	.004	.86	.87	.88	.87	17,009	1,081	1,072	.040	.005	.311	.07	-.09	-.03

NSSE 2019 Frequencies and Statistical Comparisons

Detailed Statistics^g

Missouri State University

First-Year Students

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Missouri State	Missouri State	Plains Public	Carnegie Class	CUMU	Missouri State	Plains Public	Carnegie Class	CUMU	Missouri State	Plains Public	Carnegie Class	CUMU	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public	Carnegie Class	CUMU	Plains Public	Carnegie Class	CUMU	Plains Public	Carnegie Class	CUMU
d. SEdiverse	1,020	2.89	2.69	2.80	2.80	.028	.007	.005	.005	.88	.93	.98	.96	1,166	1,091	1,079	.000	.001	.003	.21	.09	.09
e. SEsocial	1,019	3.09	2.93	2.96	2.94	.025	.007	.005	.004	.80	.84	.91	.89	16,982	1,095	1,082	.000	.000	.000	.19	.14	.17
f. SEwellness	1,020	3.10	2.91	2.89	2.91	.026	.007	.005	.004	.82	.86	.94	.90	16,947	1,097	1,081	.000	.000	.000	.22	.23	.21
g. SEnonacad	1,018	2.42	2.29	2.36	2.33	.030	.007	.005	.005	.96	.94	1.01	.98	1,143	1,082	41,702	.000	.051	.002	.14	.06	.10
h. SEactivities	1,019	2.90	2.81	2.69	2.75	.027	.007	.005	.005	.85	.88	1.02	.94	1,161	1,104	1,081	.001	.000	.000	.10	.20	.16
i. SEevents	1,019	2.62	2.44	2.43	2.50	.027	.007	.005	.005	.86	.91	1.00	.95	1,170	1,100	1,081	.000	.000	.000	.20	.19	.13
15 a. tmprephrs	1,019	12.61	14.07	14.52	14.37	.221	.062	.044	.041	7.06	7.85	8.31	8.21	1,186	1,101	1,089	.000	.000	.000	-.19	-.23	-.21
b. tmcocurrhrs	1,016	6.76	5.94	5.26	4.83	.231	.055	.038	.032	7.37	6.95	7.12	6.53	1,134	1,071	1,056	.001	.000	.000	.12	.21	.29
c. tmworkonhrs	1,018	2.32	2.73	2.24	2.36	.181	.047	.030	.029	5.78	5.93	5.59	5.86	1,158	36,357	41,466	.031	.637	.831	-.07	.02	-.01
d. tmworkoffhrs	1,018	5.63	6.20	7.84	7.56	.298	.078	.063	.053	9.52	9.79	11.81	10.70	16,870	1,109	1,082	.071	.000	.000	-.06	-.19	-.18
— tmworkhrs	1,015	7.95	8.91	10.06	9.89	.367	.090	.068	.060	11.68	11.33	12.79	12.10	16,789	1,085	1,069	.009	.000	.000	-.08	-.17	-.16
e. tmservicehrs	1,020	3.26	2.38	2.83	2.61	.163	.036	.028	.025	5.20	4.59	5.30	5.02	1,124	36,303	41,422	.000	.010	.000	.19	.08	.13
f. tmrelaxhrs	1,017	13.40	13.34	11.70	12.52	.261	.069	.046	.043	8.31	8.66	8.67	8.69	1,162	1,080	1,072	.832	.000	.001	.01	.20	.10
g. tmcarehrs	1,016	1.89	2.20	5.29	3.06	.180	.050	.055	.035	5.73	6.34	10.31	6.95	1,181	1,213	1,092	.101	.000	.000	-.05	-.33	-.17
h. tmcommutehrs	1,018	3.14	3.92	3.44	5.26	.159	.045	.032	.033	5.06	5.66	6.06	6.63	1,186	1,103	1,106	.000	.062	.000	-.14	-.05	-.32
16. reading	1,011	2.68	2.58	2.80	2.73	.034	.008	.006	.005	1.07	1.05	1.09	1.09	16,807	36,254	41,343	.008	.000	.142	.09	-.12	-.05
— tmreadinghrs	1,010	5.58	5.89	6.93	6.48	.155	.042	.033	.028	4.92	5.25	6.15	5.68	1,161	1,101	1,077	.052	.000	.000	-.06	-.22	-.16
17 a. pgwrite	1,016	2.72	2.67	2.92	2.83	.027	.007	.005	.004	.85	.86	.87	.86	16,761	1,077	41,142	.078	.000	.000	.06	-.24	-.13
b. pgspeak	1,016	2.84	2.60	2.76	2.67	.027	.007	.005	.005	.85	.88	.94	.93	1,161	1,087	1,077	.000	.005	.000	.27	.08	.18
c. pgthink	1,013	3.05	3.00	3.13	3.07	.025	.006	.004	.004	.79	.79	.80	.81	16,774	1,073	1,067	.054	.002	.457	.06	-.10	-.02
d. pganalyze	1,013	2.61	2.62	2.64	2.66	.029	.007	.005	.005	.92	.92	.97	.95	16,760	1,077	41,165	.592	.237	.092	-.02	-.04	-.05
e. pgwork	1,016	2.57	2.61	2.69	2.55	.029	.007	.005	.005	.92	.93	.98	.95	16,780	1,083	1,071	.211	.000	.456	-.04	-.13	.02
f. pgothers	1,016	2.87	2.81	2.90	2.82	.026	.007	.005	.004	.84	.85	.90	.89	1,155	1,083	1,073	.041	.144	.063	.07	-.04	.06
g. pgvalues	1,011	2.76	2.63	2.81	2.68	.028	.007	.005	.005	.89	.92	.94	.95	1,153	1,077	1,069	.000	.065	.004	.14	-.06	.09
h. pgdiverse	1,015	2.92	2.72	2.86	2.84	.027	.007	.005	.005	.86	.91	.95	.93	1,168	1,087	1,075	.000	.023	.006	.22	.07	.08
i. pgprobsolve	1,017	2.68	2.60	2.69	2.63	.028	.007	.005	.005	.90	.90	.95	.93	16,759	1,081	1,071	.005	.888	.068	.09	.00	.06
j. pgcitizen	1,014	2.81	2.58	2.71	2.66	.028	.007	.005	.005	.88	.92	.96	.95	1,158	1,083	1,072	.000	.000	.000	.25	.10	.15
18. evalexp	1,018	3.18	3.16	3.24	3.14	.022	.006	.004	.004	.71	.71	.75	.73	16,819	1,082	41,340	.215	.013	.077	.04	-.08	.06
19. sameinst	1,019	3.26	3.24	3.25	3.18	.024	.006	.004	.004	.76	.77	.81	.79	16,848	1,086	41,486	.364	.874	.001	.03	.00	.10
20. returnexp ^l	1,015	.905	.887	.877	.880	.0092	.0025	.0017	.0016	--	--	--	--	--	--	--	.073	.007	.016	.06	.09	.08

NSSE 2019 Frequencies and Statistical Comparisons

Detailed Statistics^g

Missouri State University

Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Missouri State	Missouri State	Plains Public	Carnegie Class	CUMU	Missouri State	Plains Public	Carnegie Class	CUMU	Missouri State	Plains Public	Carnegie Class	CUMU	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public	Carnegie Class	CUMU	Plains Public	Carnegie Class	CUMU	Plains Public	Carnegie Class	CUMU
1 a. askquest	1,896	3.02	3.04	3.25	3.03	.020	.006	.004	.003	.85	.86	.84	.89	21,703	2,035	2,014	.227	.000	.662	-.03	-.27	-.01
b. drafts	1,889	2.24	2.32	2.55	2.39	.023	.007	.005	.004	.99	.98	1.03	1.02	21,641	2,047	2,006	.002	.000	.000	-.08	-.29	-.14
c. unpreparedr	1,891	2.95	2.97	3.14	2.90	.019	.006	.004	.003	.82	.81	.80	.83	21,669	2,031	2,005	.177	.000	.017	-.03	-.24	.05
d. attendart	1,889	1.80	1.76	1.71	1.77	.021	.006	.004	.003	.91	.89	.89	.89	21,623	51,931	67,128	.130	.000	.269	.04	.10	.03
e. CLaskhelp	1,885	2.48	2.50	2.19	2.47	.021	.006	.004	.004	.90	.90	.96	.91	21,618	51,941	67,087	.505	.000	.530	-.02	.31	.01
f. CLexplain	1,878	2.72	2.74	2.50	2.77	.020	.006	.004	.003	.85	.86	.95	.85	21,589	2,060	66,997	.214	.000	.007	-.03	.23	-.06
g. CLstudy	1,876	2.49	2.48	2.24	2.51	.022	.007	.005	.004	.97	1.00	1.05	.99	2,270	2,045	66,744	.593	.000	.626	.01	.24	-.01
h. CLproject	1,872	2.83	2.85	2.69	2.89	.020	.006	.004	.004	.87	.90	1.00	.89	2,271	2,061	66,528	.220	.000	.002	-.03	.13	-.07
i. present	1,872	2.71	2.65	2.51	2.73	.022	.007	.005	.004	.95	.95	1.04	.96	21,454	2,045	66,494	.009	.000	.353	.06	.19	-.02
2 a. RIntegrate	1,861	2.98	2.91	2.87	2.93	.018	.006	.004	.003	.80	.81	.86	.84	2,241	2,026	1,982	.000	.000	.006	.08	.13	.06
b. RIsocietal	1,855	2.80	2.71	2.83	2.78	.020	.006	.004	.004	.87	.88	.90	.92	2,229	50,876	1,975	.000	.150	.258	.10	-.03	.03
c. RIdiverse	1,859	2.68	2.54	2.71	2.61	.021	.007	.004	.004	.92	.95	.94	.98	2,252	50,685	1,984	.000	.255	.001	.15	-.03	.07
d. Rlownview	1,849	2.84	2.78	2.92	2.84	.018	.006	.004	.003	.79	.81	.81	.84	2,239	50,435	1,972	.002	.000	.750	.07	-.09	.01
e. Rlperspect	1,838	2.97	2.91	3.02	2.99	.018	.006	.004	.003	.77	.80	.79	.81	2,231	50,102	64,179	.002	.007	.290	.07	-.06	-.03
f. Rlnewview	1,837	2.96	2.89	2.99	2.97	.018	.006	.004	.003	.77	.77	.78	.80	2,210	49,710	1,954	.000	.169	.841	.09	-.03	.00
g. Rlconnect	1,827	3.17	3.16	3.24	3.18	.017	.005	.003	.003	.72	.71	.72	.73	20,577	1,966	63,067	.767	.000	.256	.01	-.10	-.03
3 a. SFcareer	1,831	2.56	2.49	2.37	2.39	.022	.007	.005	.004	.95	.98	1.01	.98	20,605	1,991	63,096	.007	.000	.000	.07	.18	.17
b. SFotherwork	1,829	2.04	2.04	1.82	1.91	.024	.007	.005	.004	1.01	1.02	1.00	1.01	20,569	1,970	62,787	.908	.000	.000	.00	.22	.13
c. SFdiscuss	1,819	2.19	2.19	2.00	2.13	.022	.007	.004	.004	.94	.93	.97	.95	20,445	48,945	62,378	.856	.000	.006	.00	.20	.07
d. SFperform	1,822	2.25	2.22	2.15	2.18	.021	.007	.004	.004	.89	.90	.92	.92	20,433	48,937	62,309	.168	.000	.001	.03	.10	.08
4 a. memorize	1,819	2.85	2.73	2.64	2.79	.020	.006	.004	.004	.85	.86	.90	.88	2,197	1,978	1,936	.000	.000	.002	.14	.24	.07
b. HOapply	1,818	2.99	3.03	3.10	3.06	.018	.006	.004	.003	.78	.78	.78	.81	20,315	1,960	1,935	.080	.000	.001	-.04	-.13	-.08
c. HOanalyze	1,815	2.95	2.96	3.07	3.03	.019	.006	.004	.003	.81	.81	.80	.83	20,209	48,312	61,328	.862	.000	.000	.00	-.15	-.09
d. HOevaluate	1,812	2.91	2.83	3.03	2.93	.019	.006	.004	.004	.81	.84	.81	.87	2,213	48,175	1,939	.000	.000	.447	.10	-.15	-.02
e. HOform	1,811	2.92	2.86	3.01	2.94	.019	.006	.004	.003	.80	.82	.80	.84	2,202	48,079	1,936	.003	.000	.411	.07	-.12	-.02
5 a. ETgoals	1,803	3.15	3.09	3.19	3.13	.017	.006	.004	.003	.74	.77	.79	.79	19,978	1,965	1,932	.001	.024	.195	.08	-.05	.03
b. ETorganize	1,799	3.09	3.03	3.13	3.05	.018	.006	.004	.003	.78	.79	.83	.83	19,967	1,963	1,926	.000	.098	.012	.09	-.04	.06
c. ETexample	1,798	3.10	3.04	3.07	3.09	.018	.006	.004	.003	.78	.81	.86	.83	19,934	1,970	1,924	.005	.166	.560	.07	.03	.01
d. ETdraftfb	1,798	2.75	2.70	2.84	2.73	.022	.007	.005	.004	.92	.94	.98	.97	2,182	1,961	1,922	.011	.000	.329	.06	-.08	.02
e. ETfeedback	1,795	2.82	2.74	2.93	2.77	.020	.007	.004	.004	.86	.88	.90	.92	2,180	47,504	1,922	.000	.000	.006	.09	-.12	.06

NSSE 2019 Frequencies and Statistical Comparisons

Detailed Statistics^g

Missouri State University

Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Missouri State	Missouri State	Plains Public	Carnegie Class	CUMU	Missouri State	Plains Public	Carnegie Class	CUMU	Missouri State	Plains Public	Carnegie Class	CUMU	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public	Carnegie Class	CUMU	Plains Public	Carnegie Class	CUMU	Plains Public	Carnegie Class	CUMU
6 a. QRconclude	1,785	2.58	2.60	2.61	2.65	.021	.007	.004	.004	.88	.89	.91	.92	19,754	47,204	1,904	.275	.149	.000	-.03	-.03	-.08
b. QRproblem	1,789	2.42	2.38	2.42	2.43	.022	.007	.004	.004	.93	.93	.94	.96	19,701	47,041	1,910	.138	.890	.586	.04	.00	-.01
c. QRevaluate	1,784	2.42	2.39	2.37	2.44	.021	.007	.004	.004	.88	.89	.92	.93	19,647	1,939	1,908	.186	.018	.328	.03	.06	-.02
7 a. wrshortnum	1,784	6.57	7.25	8.95	7.29	.148	.049	.034	.027	6.24	6.48	7.31	6.43	19,623	1,982	58,807	.000	.000	.000	-.11	-.33	-.11
b. wrmednum	1,778	2.86	3.11	4.12	3.49	.092	.031	.024	.018	3.89	4.07	5.04	4.36	2,184	2,021	1,919	.011	.000	.000	-.06	-.25	-.15
c. wrlongnum	1,783	1.47	1.66	2.06	1.98	.076	.025	.019	.016	3.22	3.31	4.00	3.81	2,178	2,006	1,941	.019	.000	.000	-.06	-.15	-.13
— wrpages	1,773	64.49	71.29	90.22	79.00	2.036	.656	.492	.405	85.72	87.25	103.83	96.14	19,472	1,985	1,915	.002	.000	.000	-.08	-.25	-.15
8 a. DDrace	1,783	2.89	2.92	3.07	3.17	.021	.007	.004	.004	.89	.91	.94	.90	19,594	1,944	58,651	.196	.000	.000	-.03	-.19	-.32
b. DDeconomic	1,777	2.99	2.96	3.04	3.11	.020	.006	.004	.004	.83	.86	.91	.88	19,558	1,951	1,904	.242	.008	.000	.03	-.06	-.13
c. DDreligion	1,776	2.97	2.94	2.88	3.06	.021	.007	.005	.004	.87	.90	.97	.92	2,172	1,954	1,901	.145	.000	.000	.04	.09	-.10
d. DDpolitical	1,777	3.02	2.95	2.93	2.91	.020	.007	.004	.004	.85	.89	.95	.95	2,185	1,954	1,916	.001	.000	.000	.08	.10	.12
9 a. LSreading	1,776	3.03	3.01	3.18	3.08	.018	.006	.004	.003	.78	.79	.78	.80	19,507	1,917	1,895	.386	.000	.005	.02	-.20	-.07
b. LSnotes	1,780	2.78	2.72	2.90	2.84	.022	.007	.004	.004	.91	.93	.94	.93	2,167	46,409	58,303	.009	.000	.013	.06	-.13	-.06
c. LSsummary	1,773	2.77	2.74	2.94	2.81	.021	.007	.004	.004	.88	.88	.89	.90	19,464	1,920	58,207	.165	.000	.073	.03	-.19	-.04
10. challenge	1,763	5.34	5.42	5.73	5.47	.031	.010	.006	.006	1.32	1.29	1.31	1.36	19,386	46,080	1,882	.013	.000	.000	-.06	-.30	-.10
11 a. intern ^l	1,767	.464	.521	.400	.472	.0119	.0038	.0023	.0021	--	--	--	--	--	--	--	.000	.000	.499	-.11	.13	-.02
b. leader ^l	1,760	.370	.399	.276	.307	.0115	.0037	.0021	.0019	--	--	--	--	--	--	--	.018	.000	.000	-.06	.20	.13
c. learncom ^l	1,756	.214	.241	.199	.218	.0098	.0032	.0019	.0017	--	--	--	--	--	--	--	.011	.113	.651	-.06	.04	-.01
d. abroad ^l	1,757	.136	.141	.108	.130	.0082	.0026	.0015	.0014	--	--	--	--	--	--	--	.541	.000	.496	-.02	.08	.02
e. research ^l	1,758	.186	.221	.161	.202	.0093	.0031	.0017	.0017	--	--	--	--	--	--	--	.001	.005	.095	-.09	.07	-.04
f. capstone ^l	1,756	.394	.455	.376	.414	.0117	.0038	.0023	.0021	--	--	--	--	--	--	--	.000	.132	.089	-.12	.04	-.04
12. servcourse	1,752	1.94	1.77	1.78	1.74	.015	.005	.004	.003	.65	.71	.76	.74	2,192	1,945	1,896	.000	.000	.000	.25	.21	.27
13 a. Qlstudent	1,739	5.58	5.60	5.64	5.54	.031	.010	.007	.006	1.29	1.28	1.36	1.36	18,901	1,901	1,862	.521	.052	.180	-.02	-.05	.03
b. Qladvisor	1,749	5.37	5.31	5.45	5.05	.039	.013	.008	.008	1.65	1.70	1.70	1.82	19,137	1,903	1,887	.187	.029	.000	.03	-.05	.18
c. Qlfaculty	1,746	5.47	5.45	5.69	5.40	.031	.010	.007	.006	1.28	1.33	1.37	1.44	2,137	1,910	1,887	.466	.000	.015	.02	-.16	.05
d. Qlstaff	1,468	5.06	5.06	5.13	4.86	.041	.013	.010	.008	1.58	1.59	1.76	1.76	15,934	1,636	1,589	.912	.087	.000	.00	-.04	.12
e. Qladmin	1,668	5.16	5.11	5.23	4.81	.038	.012	.008	.008	1.55	1.58	1.71	1.76	17,994	1,837	1,810	.233	.066	.000	.03	-.04	.20
14 a. empstudy	1,753	3.01	3.03	3.08	3.07	.018	.006	.004	.003	.75	.76	.78	.78	19,214	1,906	1,874	.439	.000	.001	-.02	-.08	-.08
b. SEacademic	1,749	2.94	2.89	3.01	2.88	.020	.006	.004	.004	.82	.82	.87	.86	19,177	1,909	1,873	.020	.000	.006	.06	-.08	.06
c. SElearnsup	1,751	2.82	2.77	2.94	2.82	.022	.007	.004	.004	.92	.91	.94	.93	19,180	45,500	56,973	.050	.000	.969	.05	-.13	.00

NSSE 2019 Frequencies and Statistical Comparisons

Detailed Statistics^g

Missouri State University

Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Missouri State	Missouri State	Plains Public	Carnegie Class	CUMU	Missouri State	Plains Public	Carnegie Class	CUMU	Missouri State	Plains Public	Carnegie Class	CUMU	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public	Carnegie Class	CUMU	Plains Public	Carnegie Class	CUMU	Plains Public	Carnegie Class	CUMU
d. SEdiverse	1,750	2.76	2.55	2.67	2.69	.022	.007	.005	.004	.92	.94	1.00	.99	2,134	1,919	1,880	.000	.000	.001	.21	.09	.07
e. SEsocial	1,749	2.96	2.81	2.73	2.81	.020	.007	.005	.004	.85	.87	.98	.93	2,139	1,940	1,884	.000	.000	.000	.18	.24	.16
f. SEwellness	1,741	2.91	2.75	2.63	2.73	.021	.007	.005	.004	.89	.92	1.01	.97	2,125	1,924	1,872	.000	.000	.000	.18	.28	.20
g. SEnonacad	1,750	2.17	2.06	2.13	2.07	.023	.007	.005	.004	.96	.94	1.02	.99	2,100	1,910	56,700	.000	.090	.000	.12	.04	.10
h. SEactivities	1,747	2.65	2.59	2.33	2.54	.022	.007	.005	.004	.92	.94	1.07	.98	2,130	1,942	1,875	.007	.000	.000	.07	.30	.11
i. SEevents	1,750	2.49	2.31	2.21	2.38	.022	.007	.005	.004	.93	.91	1.01	.96	2,102	1,920	1,872	.000	.000	.000	.21	.28	.12
15 a. tmprephrs	1,741	12.96	14.62	15.27	14.56	.197	.066	.042	.037	8.22	8.66	8.82	8.76	2,148	1,904	1,868	.000	.000	.000	-.19	-.26	-.18
b. tmcocurrhrs	1,744	4.91	5.34	4.18	4.49	.163	.055	.034	.029	6.82	7.18	7.04	6.80	2,153	45,063	56,380	.011	.000	.012	-.06	.10	.06
c. tmworkonhrs	1,743	3.32	4.15	2.75	3.51	.172	.057	.031	.031	7.18	7.51	6.52	7.26	2,145	1,860	56,391	.000	.001	.298	-.11	.09	-.03
d. tmworkoffhrs	1,740	16.29	13.18	15.81	14.51	.305	.097	.069	.057	12.74	12.76	14.40	13.23	19,036	1,922	1,861	.000	.126	.000	.24	.03	.14
— tmworkhrs	1,734	19.60	17.31	18.56	17.99	.308	.097	.068	.057	12.84	12.74	14.22	13.32	18,958	1,907	1,853	.000	.001	.000	.18	.07	.12
e. tmservicehrs	1,744	3.48	3.04	3.65	3.37	.139	.039	.029	.025	5.79	5.19	6.08	5.89	2,035	1,901	1,860	.003	.232	.442	.08	-.03	.02
f. tmrelaxhrs	1,742	11.66	11.48	9.71	10.71	.200	.062	.038	.035	8.37	8.16	7.83	8.26	19,025	1,866	56,405	.375	.000	.000	.02	.25	.11
g. tmcarehrs	1,741	5.26	4.95	9.97	6.14	.252	.078	.065	.046	10.52	10.26	13.44	10.81	19,024	1,976	1,859	.223	.000	.001	.03	-.35	-.08
h. tmcommutehrs	1,740	5.11	4.64	3.70	6.42	.145	.043	.029	.029	6.07	5.61	6.09	6.70	2,050	45,056	1,877	.002	.000	.000	.08	.23	-.20
16. reading	1,740	2.65	2.70	2.93	2.79	.028	.009	.005	.005	1.15	1.17	1.14	1.18	19,001	1,879	56,302	.165	.000	.000	-.03	-.24	-.12
— tmreadinghrs	1,730	5.78	6.55	7.82	6.84	.135	.046	.032	.026	5.60	6.00	6.74	6.17	2,149	1,936	1,865	.000	.000	.000	-.13	-.30	-.17
17 a. pgwrite	1,738	2.98	2.91	3.14	2.99	.021	.007	.004	.004	.86	.87	.86	.89	2,109	1,877	1,857	.001	.000	.584	.08	-.19	-.01
b. pgspeak	1,737	2.95	2.83	2.97	2.91	.022	.007	.005	.004	.90	.91	.95	.93	2,113	1,893	1,856	.000	.470	.083	.13	-.02	.04
c. pgthink	1,738	3.26	3.25	3.34	3.27	.019	.006	.004	.003	.78	.77	.77	.80	19,004	45,008	1,856	.585	.000	.538	.01	-.10	-.01
d. pganalyze	1,739	2.85	2.84	2.84	2.91	.022	.007	.005	.004	.93	.95	.99	.96	2,119	1,898	56,249	.510	.778	.013	.02	.01	-.06
e. pgwork	1,738	2.96	2.96	3.03	2.88	.022	.007	.005	.004	.91	.92	.95	.98	18,986	44,952	1,866	.842	.002	.000	-.01	-.08	.08
f. pgothers	1,742	3.07	3.03	3.06	3.03	.021	.007	.004	.004	.86	.86	.91	.89	18,991	1,900	56,277	.033	.705	.034	.05	.01	.05
g. pgvalues	1,741	2.88	2.78	2.99	2.82	.023	.007	.005	.004	.95	.97	.96	.99	2,122	44,937	1,865	.000	.000	.009	.11	-.11	.06
h. pgdiverse	1,738	2.96	2.79	2.92	2.91	.022	.007	.005	.004	.92	.95	.97	.96	2,122	1,893	1,860	.000	.084	.034	.18	.04	.05
i. pgprobsolve	1,740	2.82	2.80	2.89	2.82	.022	.007	.005	.004	.92	.92	.95	.96	19,001	44,956	1,860	.349	.003	.913	.02	-.07	.00
j. pgcitizen	1,740	2.81	2.64	2.80	2.73	.023	.007	.005	.004	.95	.97	.99	1.00	2,114	1,893	1,863	.000	.550	.000	.18	.01	.09
18. evalexp	1,739	3.28	3.21	3.35	3.20	.017	.006	.004	.003	.71	.75	.75	.78	19,037	1,898	1,874	.000	.000	.000	.10	-.09	.11
19. sameinst	1,744	3.30	3.21	3.30	3.20	.019	.006	.004	.004	.77	.82	.84	.85	19,118	1,914	1,879	.000	.889	.000	.12	.00	.12

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."