



NSSE 2022

Frequencies and Statistical Comparisons

Missouri State University

NSSE 2022 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 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: go.iu.edu/NSSE-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

Item wording or description	Variable name ^a	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State	Admissions Overlap	Carnegie UG Program	NSSE Cohort				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	3	0	244	2	54	2	6,952	3	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
		2	Sometimes	135	20	4,397	27	845	29	75,222	33								
		3	Often	112	33	5,947	37	1,086	38	81,724	35								
		4	Very often	280	46	5,440	34	889	31	66,983	29								
			Total	630	100	16,028	100	2,874	100	230,881	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16	2.5	2.5	-.04	2.6 **	-.09	2.6	-.05	
		2	Sometimes	267	42	5,959	37	978	34	79,495	34								
		3	Often	164	26	4,548	29	858	31	67,348	29								
		4	Very often	113	19	3,072	20	611	21	47,208	21								
			Total	626	100	15,948	100	2,851	100	229,541	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6	3.1	3.1	.02	3.1	-.04	3.0	.06	
		2	Sometimes	56	9	1,666	11	262	10	28,134	13								
		3	Often	384	63	9,147	57	1,586	57	128,802	56								
		4	Very often	150	24	4,267	27	851	29	58,873	26								
			Total	615	100	15,858	100	2,833	100	228,352	100								

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. You may not see all of these symbols in your report.

NSSE 2022 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				NSSE 2021 & 2022				Missouri State				Plains Public				Carnegie Class				NSSE 2021 & 2022			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
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	13	2	336	4	606	3	6,494	4	2.8	2.8	.01	2.9 **	-.11	2.8	.04																	
		2	Sometimes	271	39	3,569	36	7,658	33	67,466	38																								
		3	Often	252	35	3,422	35	8,333	36	64,016	35																								
		4	Very often	162	24	2,370	24	6,604	29	43,433	24																								
		Total		698	100	9,697	100	23,201	100	181,409	100																								
b. Asked another student to help you understand course material	CLaskhelp	1	Never	91	16	1,839	20	4,200	21	27,953	17	2.4	2.3	.06	2.3 *	.08	2.4	.01																	
		2	Sometimes	283	40	3,892	40	9,369	40	74,467	41																								
		3	Often	230	31	2,630	27	6,193	25	50,736	27																								
		4	Very often	91	12	1,289	13	3,305	14	27,169	14																								
		Total		695	100	9,650	100	23,067	100	180,325	100																								
c. Explained course material to one or more students	CLexplain	1	Never	56	11	1,376	15	3,225	16	21,943	14	2.5	2.4	.04	2.4	.06	2.4	.02																	
		2	Sometimes	313	44	4,073	42	9,564	41	76,217	42																								
		3	Often	245	34	2,976	31	7,034	29	56,692	30																								
		4	Very often	83	11	1,223	13	3,248	14	25,255	14																								
		Total		697	100	9,648	100	23,071	100	180,107	100																								
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	141	22	2,721	29	6,042	29	43,901	26	2.3	2.2 **	.12	2.2 **	.09	2.2	.07																	
		2	Sometimes	265	38	3,480	36	8,122	35	66,004	37																								
		3	Often	203	29	2,254	23	5,584	23	45,061	24																								
		4	Very often	85	11	1,149	12	3,176	13	24,114	13																								
		Total		694	100	9,604	100	22,924	100	179,080	100																								
e. Worked with other students on course projects or assignments	CLproject	1	Never	65	10	1,583	17	3,574	18	24,464	15	2.5	2.4 **	.12	2.4	.06	2.4	.04																	
		2	Sometimes	299	44	3,952	41	8,563	36	70,815	40																								
		3	Often	244	35	2,858	30	7,225	31	56,841	31																								
		4	Very often	83	12	1,165	12	3,455	15	26,115	14																								
		Total		691	100	9,558	100	22,817	100	178,235	100																								
f. Given a course presentation	present	1	Never	142	20	3,003	32	5,343	26	43,494	26	2.2	2.0 ***	.27	2.2	.05	2.1 **	.12																	
		2	Sometimes	306	45	4,170	43	9,813	42	80,076	44																								
		3	Often	193	27	1,764	18	5,267	22	38,588	21																								
		4	Very often	50	8	610	6	2,339	10	15,722	8																								
		Total		691	100	9,547	100	22,762	100	177,880	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 2022 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		NSSE 2021 & 2022		Missouri State	Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
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	60	9	885	10	2,177	11	17,519	11	2.6	2.6 *	.09	2.6	.05	2.5 **	.11
		2	Sometimes	239	34	3,708	39	8,372	37	68,101	39							
		3	Often	280	41	3,501	37	8,266	36	63,683	36							
		4	Very often	104	16	1,330	14	3,634	17	26,024	15							
		Total		683	100	9,424	100	22,449	100	175,327	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	55	8	1,005	12	1,928	10	16,976	11	2.7	2.5 **	.12	2.7	.00	2.6 *	.08
		2	Sometimes	243	36	3,497	37	7,872	35	63,998	37							
		3	Often	274	39	3,383	36	8,100	36	62,576	35							
		4	Very often	109	17	1,487	15	4,348	20	30,235	17							
		Total		681	100	9,372	100	22,248	100	173,785	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	36	6	1,117	13	1,954	10	17,232	11	2.8	2.5 ***	.28	2.7 **	.11	2.6 ***	.19
		2	Sometimes	228	33	3,463	37	7,419	34	60,484	35							
		3	Often	275	39	3,169	33	8,009	35	61,154	34							
		4	Very often	144	22	1,556	16	4,653	21	33,357	19							
		Total		683	100	9,305	100	22,035	100	172,227	100							
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	32	5	480	5	951	5	8,417	5	2.8	2.8	.04	2.8	-.07	2.8	.01
		2	Sometimes	197	29	2,953	32	6,337	28	52,472	31							
		3	Often	338	50	4,064	44	9,767	44	76,340	44							
		4	Very often	109	17	1,702	19	4,713	23	32,900	20							
		Total		676	100	9,199	100	21,768	100	170,129	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	12	2	282	4	550	3	5,109	4	3.0	2.9	.05	3.0	-.05	2.9	.04
		2	Sometimes	176	26	2,332	26	5,019	23	42,612	26							
		3	Often	318	48	4,282	47	9,942	46	77,934	46							
		4	Very often	164	25	2,164	24	5,939	28	41,725	25							
		Total		670	100	9,060	100	21,450	100	167,380	100							
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	15	2	308	4	679	4	5,593	4	2.9	2.8	.07	2.9	-.02	2.8	.05
		2	Sometimes	209	31	2,741	31	5,981	28	49,162	30							
		3	Often	297	43	4,029	45	9,266	43	73,023	44							
		4	Very often	145	24	1,876	21	5,171	25	36,957	22							
		Total		666	100	8,954	100	21,097	100	164,735	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

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Item wording or description	Variable name ^c	Values ^d	Response options	Missouri State				Plains Public				Carnegie Class				NSSE 2021 & 2022				Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	7	1	123	1	315	2	2,663	2	3.1	3.0	.04	3.1	-.01	3.0	.05									
		2	Sometimes	117	18	1,835	21	4,093	20	33,580	21																
		3	Often	362	54	4,394	49	9,991	47	79,712	48																
		4	Very often	169	27	2,514	28	6,443	32	46,777	29																
		Total		655	100	8,866	100	20,842	100	162,732	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	86	14	1,628	19	4,209	22	34,726	23	2.5	2.3 ***	.20	2.3 ***	.20	2.2 ***	.26									
		2	Sometimes	269	41	3,862	44	8,711	42	69,936	43																
		3	Often	188	29	2,227	25	4,896	23	37,288	22																
		4	Very often	116	17	1,147	12	2,992	14	20,593	12																
		Total		659	100	8,864	100	20,808	100	162,543	100																
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	309	47	4,467	51	10,398	51	81,943	52	1.8	1.8 *	.08	1.8	.07	1.7 *	.10									
		2	Sometimes	201	31	2,636	29	6,086	28	47,937	29																
		3	Often	101	15	1,193	14	2,679	13	21,323	13																
		4	Very often	48	7	532	6	1,530	8	10,492	6																
		Total		659	100	8,828	100	20,693	100	161,695	100																
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	245	38	3,484	40	7,322	37	58,290	38	1.9	1.9	.05	2.0	-.05	1.9	-.01									
		2	Sometimes	245	38	3,353	38	7,880	37	62,335	38																
		3	Often	121	18	1,372	16	3,554	17	27,562	17																
		4	Very often	43	6	543	6	1,724	9	11,824	7																
		Total		654	100	8,752	100	20,480	100	160,011	100																
d. Discussed your academic performance with a faculty member	SFperform	1	Never	155	24	2,421	28	5,145	26	42,194	27	2.2	2.1 *	.10	2.1	.02	2.1	.08									
		2	Sometimes	302	45	3,951	45	9,089	44	71,234	44																
		3	Often	140	22	1,719	20	4,303	21	32,886	20																
		4	Very often	59	9	668	8	1,934	10	13,690	8																
		Total		656	100	8,759	100	20,471	100	160,004	100																
4. During the current school year, how much has your coursework emphasized the following?																											
a. Memorizing course material	memorize	1	Very little	14	2	410	5	1,044	6	7,560	5	3.0	2.8 ***	.19	2.9 ***	.15	2.9 ***	.15									
		2	Some	147	23	2,509	29	5,392	27	43,439	28																
		3	Quite a bit	317	49	3,909	45	8,768	43	69,495	44																
		4	Very much	176	26	1,872	21	5,130	24	38,380	24																
		Total		654	100	8,700	100	20,334	100	158,874	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 2022 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				NSSE 2021 & 2022				Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e				
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	28	4	325	4	782	4	6,437	4	2.9	2.9	-.02	2.9	-.06	2.9	-.02									
		2	Some	177	27	2,363	27	5,068	25	41,540	27																
		3	Quite a bit	317	48	4,011	46	9,326	45	72,347	45																
		4	Very much	128	21	1,959	23	5,022	25	37,583	23																
		Total		650	100	8,658	100	20,198	100	157,907	100																
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	32	5	371	4	771	4	6,380	4	2.8	2.9	-.05	2.9 ***	-.13	2.9 *	-.08									
		2	Some	180	28	2,412	28	5,065	25	42,074	27																
		3	Quite a bit	312	48	3,846	45	8,796	43	69,463	44																
		4	Very much	117	19	1,926	22	5,321	27	38,115	24																
		Total		641	100	8,555	100	19,953	100	156,032	100																
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	19	3	406	5	659	4	6,142	4	2.9	2.8	.01	3.0 ***	-.14	2.9	-.04									
		2	Some	182	30	2,360	28	4,776	24	40,377	26																
		3	Quite a bit	323	47	3,829	45	8,902	44	70,423	45																
		4	Very much	119	20	1,929	23	5,496	28	38,283	24																
		Total		643	100	8,524	100	19,833	100	155,225	100																
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	17	3	338	4	680	4	5,795	4	2.9	2.9	-.02	2.9 **	-.11	2.9	-.05									
		2	Some	178	28	2,320	28	4,759	24	39,962	26																
		3	Quite a bit	330	50	3,878	45	9,038	45	71,075	46																
		4	Very much	116	19	1,950	23	5,232	27	37,552	24																
		Total		641	100	8,486	100	19,709	100	154,384	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	7	1	228	3	519	3	4,158	3	3.1	3.1 *	.08	3.1	.03	3.0 **	.11									
		2	Some	107	16	1,731	21	3,791	19	32,729	22																
		3	Quite a bit	335	54	3,805	45	8,640	42	69,514	45																
		4	Very much	189	29	2,697	32	6,653	35	47,098	31																
		Total		638	100	8,461	100	19,603	100	153,499	100																
b. Taught course sessions in an organized way	ETorganize	1	Very little	23	4	392	5	942	6	7,537	5	3.0	3.0	-.03	3.0	-.07	2.9	.00									
		2	Some	126	21	1,845	22	4,086	21	34,865	23																
		3	Quite a bit	337	52	3,694	43	8,223	40	66,740	43																
		4	Very much	152	23	2,509	30	6,298	33	43,851	29																
		Total		638	100	8,440	100	19,549	100	152,993	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.

NSSE 2022 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		NSSE 2021 & 2022		Missouri State	Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	8	1	344	4	789	5	6,489	5	3.0	3.0	.02	3.0	-.04	3.0	.03
		2	Some	141	23	1,996	24	4,307	22	36,018	24							
		3	Quite a bit	323	51	3,506	42	7,930	39	64,114	41							
		4	Very much	162	25	2,579	30	6,494	34	46,096	30							
		Total		634	100	8,425	100	19,520	100	152,717	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	49	8	701	9	1,319	7	11,979	8	2.8	2.8	-.03	2.9 ***	-.18	2.8	-.06
		2	Some	190	29	2,513	30	4,964	25	43,372	29							
		3	Quite a bit	270	43	3,003	36	7,114	35	55,791	36							
		4	Very much	124	20	2,192	26	6,057	32	41,293	27							
		Total		633	100	8,409	100	19,454	100	152,435	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	60	9	766	9	1,575	8	14,212	10	2.6	2.7 **	-.10	2.8 ***	-.24	2.7 **	-.10
		2	Some	221	36	2,702	32	5,424	27	48,331	32							
		3	Quite a bit	247	39	3,019	36	7,185	36	55,314	36							
		4	Very much	101	16	1,881	22	5,188	28	33,872	23							
		Total		629	100	8,368	100	19,372	100	151,729	100							
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	16	2	339	4	731	4	6,158	4	3.0	3.0	-.05	3.1 **	-.12	3.0	-.02
		2	Some	151	25	1,895	23	4,122	21	35,924	24							
		3	Quite a bit	303	48	3,559	43	8,001	40	64,477	42							
		4	Very much	153	25	2,548	30	6,428	35	44,371	30							
		Total		623	100	8,341	100	19,282	100	150,930	100							
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	15	2	254	3	634	4	5,233	4	3.0	3.0	-.03	3.0 **	-.10	3.0	.00
		2	Some	153	25	1,967	24	4,151	21	36,042	24							
		3	Quite a bit	313	49	3,771	45	8,474	43	67,879	44							
		4	Very much	147	24	2,322	28	5,976	32	41,324	27							
		Total		628	100	8,314	100	19,235	100	150,478	100							
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	42	6	785	10	1,650	9	14,618	10	2.6	2.6	-.01	2.7 **	-.10	2.6	.01
		2	Some	229	38	2,989	35	6,347	32	53,622	36							
		3	Quite a bit	275	43	3,048	37	7,168	36	55,557	36							
		4	Very much	82	13	1,474	18	4,007	22	26,355	18							
		Total		628	100	8,296	100	19,172	100	150,152	100							

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NSSE 2022 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		NSSE 2021 & 2022		Missouri State	Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	6	1	214	3	615	4	4,641	3	3.1	3.1	.02	3.1	.01	3.1	.06
		2	Some	102	16	1,531	19	3,369	18	28,767	19							
		3	Quite a bit	325	53	3,594	43	8,175	41	65,718	43							
		4	Very much	192	30	2,949	35	6,990	37	50,737	34							
		Total		625	100	8,288	100	19,149	100	149,863	100							
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	76	11	825	10	2,084	11	15,068	10	2.5	2.6 **	-0.11	2.6 **	-0.10	2.6 **	-0.10
		2	Sometimes	249	39	3,098	37	7,011	36	55,682	37							
		3	Often	232	39	2,962	37	6,594	35	53,619	37							
		4	Very often	62	11	1,285	16	3,168	18	23,194	16							
		Total		619	100	8,170	100	18,857	100	147,563	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	104	15	1,449	17	3,346	18	26,183	18	2.4	2.4	.01	2.4	-0.03	2.4	.01
		2	Sometimes	267	44	3,300	40	7,344	38	58,711	40							
		3	Often	175	29	2,393	30	5,436	29	43,457	30							
		4	Very often	69	12	1,016	13	2,656	15	18,511	13							
		Total		615	100	8,158	100	18,782	100	146,862	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	110	16	1,454	17	3,389	18	25,833	18	2.3	2.4	-0.01	2.4	-0.02	2.3	.01
		2	Sometimes	267	43	3,364	41	7,624	40	60,902	41							
		3	Often	177	31	2,444	31	5,400	29	43,485	30							
		4	Very often	62	10	860	11	2,281	13	15,910	11							
		Total		616	100	8,122	100	18,694	100	146,130	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 <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	wrshortnum	0	None	49	8	618	8	1,209	7	10,025	7	5.2	6.3 ***	-0.19	7.0 ***	-0.31	6.5 ***	-0.22
		1.5	1-2	180	28	1,866	23	3,308	17	29,509	20							
		4	3-5	195	33	2,445	30	5,768	30	46,550	32							
		8	6-10	119	19	1,705	21	4,339	23	32,078	22							
		13	11-15	44	7	748	9	2,040	11	14,404	10							
		18	16-20	10	2	320	4	866	5	6,003	4							
		23	More than 20	15	3	409	5	1,126	6	7,366	5							
		Total		612	100	8,111	100	18,656	100	145,935	100							

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NSSE 2022 Frequencies and Statistical Comparisons

Missouri State University

First-Year Students

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Item wording or description	Variable name ^c	Values ^d	Response options	Missouri State				Plains Public				Carnegie Class				NSSE 2021 & 2022				Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e				
b. Between 6 and 10 pages	wrmednum	0	None	308	51	3,556	44	6,793	38	56,275	40	1.7	2.0 *	-0.09	2.6 ***	-0.22	2.3 ***	-0.17									
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	181	29	2,648	33	6,258	32	49,882	33																
		4	3-5	85	12	1,174	14	3,395	18	23,898	16																
		8	6-10	32	6	463	6	1,405	8	10,093	7																
		13	11-15	4	1	149	2	429	2	3,165	2																
		18	16-20	0	0	35	0	115	1	884	1																
		23	More than 20	2	1	62	1	188	1	1,175	1																
	Total			612	100	8,087	100	18,583	100	145,372	100																
c. 11 pages or more	wrlongnum	0	None	493	79	6,578	81	14,140	75	112,361	77	.8	.8	-0.01	1.2 ***	-0.11	1.1 *	-0.08									
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	77	13	920	11	2,658	14	19,894	13																
		4	3-5	23	4	256	3	766	4	5,555	4																
		8	6-10	14	2	164	2	468	3	3,479	3																
		13	11-15	4	1	104	1	315	2	2,475	2																
		18	16-20	0	0	23	0	75	0	623	0																
		23	More than 20	2	1	57	1	176	1	1,086	1																
	Total			613	100	8,102	100	18,598	100	145,473	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.)									41.4	47.2	-0.08	59.2 ***	-0.20	53.5 ***	-0.15									
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	23	4	521	7	1,217	8	9,053	7	3.0	2.9 **	.12	3.0	.00	2.9	.03									
		2	Sometimes	156	26	2,483	31	4,636	25	39,109	27																
		3	Often	242	39	2,597	32	5,982	32	47,030	32																
		4	Very often	192	31	2,490	30	6,760	36	50,326	34																
		Total		613	100	8,091	100	18,595	100	145,518	100																
b. People from an economic background other than your own	DDeconomic	1	Never	19	4	467	6	1,191	7	8,881	7	3.0	2.9 ***	.15	2.9 **	.11	2.9 ***	.15									
		2	Sometimes	137	23	2,171	27	4,632	25	38,326	27																
		3	Often	246	40	3,031	37	6,599	35	52,888	36																
		4	Very often	210	34	2,412	30	6,140	33	45,112	31																
		Total		612	100	8,081	100	18,562	100	145,207	100																

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Missouri State University

First-Year Students

Frequency Distributions^a

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Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Missouri State				Plains Public				Carnegie Class				NSSE 2021 & 2022				Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e				
c. People with religious beliefs other than your own	DDreligion	1	Never	21	4	599	8	1,665	10	13,069	9	3.0	2.9 ***	.17	2.8 ***	.21	2.8 ***	.20									
		2	Sometimes	136	23	2,278	29	5,447	29	42,195	29								△	△	△						
		3	Often	254	41	2,738	34	5,843	31	46,879	32																
		4	Very often	202	32	2,459	30	5,609	30	43,023	30																
		Total		613	100	8,074	100	18,564	100	145,166	100																
d. People with political views other than your own	DDpolitical	1	Never	24	4	570	7	1,675	10	13,234	10	3.0	2.9 ***	.13	2.8 ***	.23	2.8 ***	.25									
		2	Sometimes	137	24	2,296	29	5,667	30	45,910	32								△	△	△						
		3	Often	247	39	2,694	33	5,844	31	45,647	31																
		4	Very often	202	33	2,518	31	5,353	29	40,354	28																
		Total		610	100	8,078	100	18,539	100	145,145	100																
e. People with a sexual orientation other than your own	ddsexorient	1	Never	33	6	413	11	1,495	14	9,085	11	3.0	2.7 ***	.27	2.7 ***	.27	2.8 ***	.21									
		2	Sometimes	139	25	1,421	33	3,833	30	27,057	30								△	△	△						
		3	Often	222	35	1,335	29	3,789	28	27,753	30																
		4	Very often	217	34	1,227	27	3,715	28	27,521	29																
		Total		611	100	4,396	100	12,832	100	91,416	100																
f. People from a country other than your own	ddcountry	1	Never	51	8	582	14	1,782	16	12,206	14	2.6	2.5 ***	.17	2.5 **	.12	2.5 *	.08									
		2	Sometimes	260	42	1,942	45	5,156	40	36,354	40								△	△	△						
		3	Often	185	31	1,067	24	3,126	23	22,690	24																
		4	Very often	116	19	815	18	2,787	21	20,270	22																
		Total		612	100	4,406	100	12,851	100	91,520	100																
9. During the current school year, about how often have you done the following?																											
a. Identified key information from reading assignments	LSreading	1	Never	11	2	213	3	415	3	3,532	3	2.9	2.9	-.02	3.0 **	-.13	3.0	-.05									
		2	Sometimes	159	27	2,121	27	4,080	22	34,898	25								▽								
		3	Often	311	50	3,614	45	8,477	45	67,131	46																
		4	Very often	127	22	2,084	26	5,476	30	38,722	26																
		Total		608	100	8,032	100	18,448	100	144,283	100																
b. Reviewed your notes after class	LSnotes	1	Never	27	4	446	6	840	5	7,048	5	2.9	2.9	.03	3.0	-.06	2.9	.02									
		2	Sometimes	172	31	2,288	29	4,811	26	41,483	29																
		3	Often	224	35	2,968	37	6,647	36	52,896	36																
		4	Very often	187	30	2,331	29	6,135	33	42,771	29																
		Total		610	100	8,033	100	18,433	100	144,198	100																

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NSSE 2022 Frequencies and Statistical Comparisons

Missouri State University

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Item wording or description	Variable name ^c	Values ^d	Response options	Missouri State				Plains Public				Carnegie Class				NSSE 2021 & 2022				Missouri State				Plains Public				Carnegie Class				NSSE 2021 & 2022			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	26	4	461	6	834	5	7,429	5	2.9	2.8	.04	2.9	-.07	2.8	.02																	
		2	Sometimes	180	31	2,420	30	5,016	27	43,218	30																								
		3	Often	254	41	3,212	40	7,275	39	57,368	39																								
		4	Very often	148	24	1,933	24	5,290	29	36,120	25																								
		Total		608	100	8,026	100	18,415	100	144,135	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	2	0	59	1	167	1	1,225	1	5.2	5.4 ***	-0.15	5.5 ***	-0.22	5.4 ***	-0.14																	
		2		4	1	101	1	244	2	1,885	1																								
		3		37	6	378	5	776	4	6,923	5																								
		4		91	16	1,053	13	2,174	12	18,385	13																								
		5		237	38	2,697	34	5,698	30	47,893	33																								
		6		158	27	1,971	24	4,535	24	35,465	24																								
		7	Very much	78	12	1,728	21	4,693	27	31,510	22																								
Total		607	100	7,987	100	18,287	100	143,286	100																										
11. Which of the following have you done while in college 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		99	17	1,423	18	3,061	18	22,832	17	5%	7% *	-0.09	7% *	-0.10	7%	-0.08																	
		Do not plan to do		41	7	599	8	1,208	8	9,016	7																								
		Plan to do		436	71	5,422	68	12,737	67	101,663	69																								
		Done or in progress		29	5	526	7	1,259	7	9,470	7																								
		Total		605	100	7,970	100	18,265	100	142,981	100																								
b. Hold a formal leadership role in a student organization or group	leader	Have not decided		160	28	2,603	32	5,648	32	43,700	31	12%	10%	.07	9% *	.08	9% *	.09																	
		Do not plan to do		141	23	2,176	28	4,800	27	36,625	27																								
		Plan to do		230	38	2,415	31	6,003	32	49,301	33																								
		Done or in progress		72	12	760	10	1,751	9	12,987	9																								
		Total		603	100	7,954	100	18,202	100	142,613	100																								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	Have not decided		209	34	2,900	36	6,664	37	52,178	37	7%	11% **	-0.12	10% *	-0.11	10% *	-0.09																	
		Do not plan to do		190	33	2,262	29	4,482	25	35,868	26																								
		Plan to do		156	27	1,887	24	5,043	27	40,043	28																								
		Done or in progress		46	7	864	11	1,952	10	14,020	10																								
		Total		601	100	7,913	100	18,141	100	142,109	100																								

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First-Year Students

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Statistical Comparisons^b

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				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e				
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	198	32	2,557	32	5,671	32	43,850	31	2%	1%	.02	2%	-.05	2%	-.03									
			Do not plan to do	243	42	3,264	42	6,317	36	45,992	34																
			Plan to do	154	24	1,992	25	5,707	30	49,354	33																
			Done or in progress	8	2	110	1	445	2	2,944	2																
			Total	603	100	7,923	100	18,140	100	142,140	100																
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	244	40	3,269	41	7,415	41	56,597	40	3%	4%	-.08	5% *	-10	5% *	-10									
			Do not plan to do	189	31	2,321	29	4,612	26	33,694	24																
			Plan to do	151	26	2,004	26	5,270	29	45,357	31																
			Done or in progress	16	3	329	4	842	5	6,497	5																
			Total	600	100	7,923	100	18,139	100	142,145	100																
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	262	44	2,909	36	6,251	35	50,110	36	1%	2%	-.07	2%	-.09	2%	-.07									
			Do not plan to do	72	12	1,093	14	2,087	13	15,695	12																
			Plan to do	261	42	3,757	47	9,402	50	73,505	50																
			Done or in progress	8	1	149	2	373	2	2,722	2																
			Total	603	100	7,908	100	18,113	100	142,032	100																
12. About how many of your courses at this institution have included a community-based project (service-learning)?																											
	servcourse		1 None	142	23	4,164	53	8,428	47	71,660	52	1.9	1.6 ***	.47	1.7 ***	.28	1.6 ***	.42									
			2 Some	398	66	3,069	39	7,613	42	56,759	39																
			3 Most	54	10	508	7	1,519	9	10,281	7																
			4 All	6	1	124	2	440	3	2,454	2																
			Total	600	100	7,865	100	18,000	100	141,154	100																
13. Indicate the quality of your interactions with the following people at your institution.																											
a. Students	QIstudent		1 Poor	4	1	158	2	351	2	3,199	2	5.5	5.4	.07	5.4	.03	5.3 ***	.12									
			2	5	1	193	2	443	2	3,732	3																
			3	26	4	429	5	933	5	7,842	6																
			4	72	13	933	12	2,143	12	17,628	12																
			5	178	29	2,021	26	4,434	24	36,796	26																
			6	175	28	2,122	27	4,591	25	36,571	25																
			7 Excellent	135	23	1,848	24	4,724	27	31,475	22																
			— Not applicable	7	2	172	2	426	3	4,061	3																
			Total	602	100	7,876	100	18,045	100	141,304	100																

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Missouri State University

First-Year Students

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Statistical Comparisons^b

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				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e				
b. Academic advisors	QIadvisor	1	Poor	9	1	210	3	476	3	4,058	3	5.6	5.5 **	.12	5.5 **	.10	5.4 ***	.17	△	△	△	△					
		2		15	2	283	4	604	3	5,310	4																
		3		38	6	451	6	1,089	6	9,390	7																
		4		60	9	931	12	2,064	11	17,384	12																
		5		133	23	1,493	19	3,488	19	27,569	19																
		6		128	20	1,761	22	3,860	21	30,631	22																
		7	Excellent	217	38	2,644	34	6,112	35	43,923	31																
		—	Not applicable	2	0	94	1	329	2	2,889	2																
	Total	602	100	7,867	100	18,022	100	141,154	100																		
c. Faculty	QIfaculty	1	Poor	6	1	117	2	255	2	2,475	2	5.4	5.4	.01	5.5 *	-.08	5.3	.04	▽	△	△	△					
		2		13	2	174	2	345	2	3,547	3																
		3		32	5	412	5	846	5	7,607	5																
		4		67	11	1,009	13	2,122	12	18,237	13																
		5		174	30	2,020	25	4,338	23	35,911	25																
		6		188	31	2,177	27	4,884	26	38,640	27																
		7	Excellent	117	19	1,844	23	4,892	29	32,073	23																
		—	Not applicable	4	1	108	2	330	2	2,598	2																
	Total	601	100	7,861	100	18,012	100	141,088	100																		
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	10	2	283	4	597	4	5,055	4	5.4	5.1 ***	.17	5.2 **	.10	5.1 ***	.19	△	△	△	△					
		2		14	2	268	3	607	3	5,399	4																
		3		40	6	478	6	1,040	5	9,181	6																
		4		67	11	1,013	13	2,251	12	18,160	13																
		5		145	24	1,569	20	3,436	18	28,230	19																
		6		144	23	1,659	21	3,573	19	28,362	20																
		7	Excellent	146	25	1,587	20	4,145	24	28,622	20																
		—	Not applicable	36	7	1,012	13	2,351	14	18,041	14																
	Total	602	100	7,869	100	18,000	100	141,050	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 2022 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		NSSE 2021 & 2022		Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	12	2	230	3	542	3	4,807	4	5.3	5.2	.05	5.3	.02	5.1 ***	.13	
		2		12	2	294	4	649	4	5,752	4								
		3		37	5	490	6	1,146	6	9,897	7								
		4		82	14	1,015	13	2,387	13	19,494	14								
		5		161	27	1,660	21	3,617	19	29,740	21								
		6		131	21	1,765	22	3,710	20	29,121	20								
		7	Excellent	129	23	1,817	23	4,653	27	30,111	21								
		—	Not applicable	38	6	604	8	1,334	8	12,220	9								
Total				602	100	7,875	100	18,038	100	141,142	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	9	2	153	2	324	2	2,587	2	3.0	3.0	-.04	3.0 *	-.09	3.1 *	-.10	
		2	Some	122	22	1,651	21	3,528	21	27,774	20								
		3	Quite a bit	329	53	3,935	50	8,653	48	66,782	47								
		4	Very much	140	23	2,108	26	5,458	30	43,465	30								
		Total				600	100	7,847	100	17,963	100								140,608
b. Providing support to help students succeed academically	SEacademic	1	Very little	27	5	366	5	889	6	6,820	5	2.9	2.9	.03	3.0	-.04	2.9	.02	
		2	Some	131	22	1,882	24	4,038	23	33,881	25								
		3	Quite a bit	291	48	3,516	45	7,402	40	60,163	42								
		4	Very much	149	25	2,062	26	5,578	31	39,429	28								
		Total				598	100	7,826	100	17,907	100								140,293
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	44	7	617	8	1,295	8	10,214	8	2.9	2.9	.01	3.0	-.06	3.0	-.01	
		2	Some	126	22	1,641	22	3,514	20	28,951	21								
		3	Quite a bit	235	39	3,049	39	6,576	36	53,734	38								
		4	Very much	191	31	2,506	31	6,503	36	47,212	33								
		Total				596	100	7,813	100	17,888	100								140,111
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	46	7	1,028	14	2,019	12	16,843	13	2.8	2.6 ***	.20	2.7	.06	2.7 **	.12	
		2	Some	171	29	2,494	32	5,090	28	41,657	30								
		3	Quite a bit	242	41	2,714	35	6,149	34	49,042	35								
		4	Very much	136	23	1,564	20	4,604	26	32,416	23								
		Total				595	100	7,800	100	17,862	100								139,958

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NSSE 2022 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		NSSE 2021 & 2022		Missouri State	Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Providing opportunities to be involved socially	SEsocial	1	Very little	25	4	700	9	1,464	9	12,322	10	2.9	2.8 ***	.18	2.9 *	.07	2.8 ***	.15
		2	Some	144	25	2,147	28	4,453	25	37,059	27							
		3	Quite a bit	260	44	3,080	40	6,773	37	54,415	38							
		4	Very much	166	27	1,859	23	5,141	29	35,972	25							
		Total		595	100	7,786	100	17,831	100	139,768	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	23	4	735	10	1,701	10	13,001	10	3.0	2.8 ***	.23	2.8 ***	.18	2.8 ***	.21
		2	Some	137	24	2,167	28	4,798	27	38,974	28							
		3	Quite a bit	267	45	3,013	39	6,559	36	52,924	37							
		4	Very much	166	28	1,864	23	4,764	27	34,768	25							
		Total		593	100	7,779	100	17,822	100	139,667	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	138	23	2,093	27	4,349	24	35,833	26	2.3	2.2	.06	2.3	-.06	2.2	.02
		2	Some	225	39	2,924	38	6,426	35	51,621	37							
		3	Quite a bit	163	27	1,883	24	4,484	25	34,723	25							
		4	Very much	67	10	865	11	2,535	15	17,279	13							
		Total		593	100	7,765	100	17,794	100	139,456	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	31	5	1,281	17	2,953	18	21,179	17	2.8	2.6 ***	.27	2.6 ***	.21	2.6 ***	.24
		2	Some	169	29	2,152	28	4,517	25	38,624	28							
		3	Quite a bit	250	42	2,830	36	6,098	33	49,085	34							
		4	Very much	144	24	1,504	19	4,209	24	30,516	21							
		Total		594	100	7,767	100	17,777	100	139,404	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	76	13	1,837	24	3,698	23	28,204	22	2.5	2.3 ***	.30	2.4 ***	.16	2.4 ***	.19
		2	Some	220	38	2,918	38	5,975	33	49,283	35							
		3	Quite a bit	196	32	2,119	27	5,273	29	41,558	29							
		4	Very much	102	17	888	11	2,820	16	20,341	14							
		Total		594	100	7,762	100	17,766	100	139,386	100							

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NSSE 2022 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		NSSE 2021 & 2022		Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
15. To what extent do you agree or disagree with the following statements?																			
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	6	2	146	2	448	3	3,208	2	3.3	3.2	.05	3.2	.04	3.2 *	.09	
		2	Disagree	43	7	564	8	1,429	8	11,860	9								
		3	Agree	327	55	4,332	55	9,483	51	77,635	55								
		4	Strongly agree	216	37	2,707	35	6,419	38	46,662	34								
		Total		592	100	7,749	100	17,779	100	139,365	100								
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	20	4	287	4	644	4	5,569	4	3.0	3.0	.00	3.1 **	-13	3.0	.01	
		2	Disagree	98	18	1,318	18	2,643	15	23,944	18								
		3	Agree	348	57	4,465	56	9,752	53	78,899	56								
		4	Strongly agree	125	22	1,685	22	4,719	28	30,746	22								
		Total		591	100	7,755	100	17,758	100	139,158	100								
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	22	4	305	4	755	4	6,199	5	3.0	3.0	.00	3.0	-07	2.9	.03	
		2	Disagree	103	17	1,455	19	3,023	17	26,440	19								
		3	Agree	336	56	4,194	54	9,240	51	74,661	53								
		4	Strongly agree	133	23	1,805	23	4,750	28	32,020	23								
		Total		594	100	7,759	100	17,768	100	139,320	100								
16. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	1	0	29	0	68	1	557	0	13.7	15.0 ***	-16	14.8 ***	-14	15.2 ***	-.18	
		3	1-5 hrs	68	11	837	11	1,995	12	15,170	11								
		8	6-10 hrs	163	27	1,686	22	3,692	21	28,684	21								
		13	11-15 hrs	150	26	1,786	23	4,054	23	30,875	22								
		18	16-20 hrs	105	18	1,562	20	3,562	19	28,273	20								
		23	21-25 hrs	59	11	934	12	2,140	12	17,270	12								
		28	26-30 hrs	20	3	484	6	1,096	6	8,958	6								
		33	More than 30 hrs	26	4	417	5	1,103	6	9,059	7								
		Total		592	100	7,735	100	17,710	100	138,846	100								

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NSSE 2022 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		NSSE 2021 & 2022		Missouri State	Plains Public	Carnegie Class		NSSE 2021 & 2022				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	<i>tmcocurrhrs</i> (<i>Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.</i>)	0	0 hrs	168	30	3,124	40	7,217	43	55,816	42	5.6	4.9 *	.10	5.0 *	.08	4.9 *	.10		
		3	1-5 hrs	193	30	2,394	31	5,108	27	40,945	28									
		8	6-10 hrs	125	22	1,014	13	2,222	12	18,171	13									
		13	11-15 hrs	66	11	546	7	1,439	8	10,936	8									
		18	16-20 hrs	25	4	301	4	861	5	6,545	5									
		23	21-25 hrs	10	2	166	2	429	2	3,210	2									
		28	26-30 hrs	0	0	62	1	168	1	1,269	1									
		33	More than 30 hrs	5	1	103	1	235	1	1,718	1									
		Total				592	100	7,710	100	17,679	100								138,610	100
		c. Working for pay on campus	<i>tmworkonhrs</i> (<i>Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.</i>)	0	0 hrs	491	83	6,388	83	14,359	82								113,247	83
3	1-5 hrs			16	3	210	3	665	3	5,029	3									
8	6-10 hrs			36	5	400	5	1,027	5	7,696	5									
13	11-15 hrs			28	4	341	4	788	4	6,036	4									
18	16-20 hrs			18	3	262	3	535	3	4,212	3									
23	21-25 hrs			1	0	65	1	190	1	1,467	1									
28	26-30 hrs			1	0	16	0	46	0	419	0									
33	More than 30 hrs			3	1	39	1	94	1	652	1									
Total				594	100	7,721	100	17,704	100	138,758	100									
d. Working for pay off campus	<i>tmworkoffhrs</i> (<i>Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.</i>)	0	0 hrs	334	57	4,057	54	10,379	58	85,107	61	7.8	8.8 *	-.09	8.4	-.05	7.2	.06		
		3	1-5 hrs	28	4	401	5	830	4	7,173	5									
		8	6-10 hrs	38	6	491	6	1,074	6	8,183	6									
		13	11-15 hrs	44	7	530	7	1,094	6	8,463	6									
		18	16-20 hrs	58	9	661	8	1,179	6	9,451	7									
		23	21-25 hrs	43	6	471	6	892	5	7,179	5									
		28	26-30 hrs	29	6	310	4	577	3	4,492	3									
		33	More than 30 hrs	17	5	803	11	1,683	12	8,741	7									
Total				591	100	7,724	100	17,708	100	138,789	100									
Estimated number of hours working for pay	<i>tmworkhrs</i> (<i>Continuous variable created by NSSE</i>)											9.8	10.9 *	-.09	10.6	-.06	9.2	.05		

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NSSE 2022 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		NSSE 2021 & 2022		Missouri State	Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	303	52	5,002	65	10,862	61	90,840	66	2.5	2.0 ** △	.12	2.5	-.02	2.1	.08
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	222	38	2,048	26	4,701	26	33,846	23							
	8	6-10 hrs	35	6	355	5	1,024	6	6,968	5								
	13	11-15 hrs	16	3	134	2	516	3	3,379	3								
	18	16-20 hrs	11	2	95	1	285	2	1,842	1								
	23	21-25 hrs	2	0	37	1	136	1	933	1								
	28	26-30 hrs	2	0	11	0	51	0	287	0								
	33	More than 30 hrs	1	0	32	0	110	1	598	0								
	Total			592	100	7,714	100	17,685	100	138,693	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	9	2	170	2	523	4	3,158	3	13.2	12.6	.06	11.7 *** △	.18	12.3 *	.10
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	94	16	1,518	19	4,102	23	29,566	21							
	8	6-10 hrs	162	26	2,085	27	4,822	26	37,961	27								
	13	11-15 hrs	138	23	1,643	21	3,580	19	28,896	21								
	18	16-20 hrs	98	17	1,118	15	2,264	13	18,614	14								
	23	21-25 hrs	46	7	478	6	1,012	6	8,497	6								
	28	26-30 hrs	22	4	227	3	467	3	3,900	3								
	33	More than 30 hrs	24	5	481	7	929	6	8,135	6								
	Total			593	100	7,720	100	17,699	100	138,727	100							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	503	82	5,663	73	12,064	66	101,492	72	1.8	4.0 *** ▽	-.25	5.3 *** ▽	-.35	3.5 *** ▽	-.21
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	43	8	729	9	2,039	11	15,131	11							
	8	6-10 hrs	20	4	313	4	884	5	6,921	5								
	13	11-15 hrs	16	3	221	3	644	4	4,625	3								
	18	16-20 hrs	4	1	135	2	385	2	2,700	2								
	23	21-25 hrs	1	0	82	1	245	2	1,545	1								
	28	26-30 hrs	1	0	59	1	143	1	810	1								
	33	More than 30 hrs	5	2	508	7	1,245	9	5,252	4								
	Total			593	100	7,710	100	17,649	100	138,476	100							

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NSSE 2022 Frequencies and Statistical Comparisons

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First-Year Students

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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				NSSE 2021 & 2022				Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e				
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	238	41	3,279	44	9,632	56	66,011	47	3.1	3.2	-0.01	3.2	-0.01	3.4	-0.06									
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	264	43	3,280	41	4,937	26	47,512	34																
	8	6-10 hrs	59	10	647	8	1,615	9	13,547	10																	
	13	11-15 hrs	15	2	238	3	670	4	5,563	4																	
	18	16-20 hrs	8	1	115	2	344	2	2,720	2																	
	23	21-25 hrs	5	1	66	1	183	1	1,379	1																	
	28	26-30 hrs	0	0	24	0	78	0	567	0																	
	33	More than 30 hrs	2	0	66	1	227	1	1,448	1																	
	Total			591	100	7,715	100	17,686	100	138,747	100																
17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																											
	reading	1	Very little	97	16	1,137	15	1,978	12	17,481	14	2.6	2.6	-0.01	2.8 ***	-0.19	2.7 *	-0.10									
		2	Some	215	38	2,926	38	5,839	33	48,930	36																
		3	About half	150	25	2,147	27	5,359	30	39,256	28																
		4	Most	99	16	1,078	14	3,197	18	23,799	17																
		5	Almost all	30	5	409	5	1,254	7	8,877	6																
			Total	591	100	7,697	100	17,627	100	138,343	100																
	tmreadinghrs											5.8	6.3 *	-0.09	6.9 ***	-0.19	6.7 ***	-0.15									
	(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)																										
	tmreadinghrscol	1	0 hrs	1	0	28	0	66	1	547	0	5.8	6.3 *	-0.09	6.9 ***	-0.19	6.7 ***	-0.15									
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	347	59	4,148	54	8,549	50	68,690	51																
		3	More than 5, up to 10 hrs	145	24	2,147	28	5,166	28	40,221	29																
		4	More than 10, up to 15 hrs	51	9	685	9	1,882	10	14,174	10																
		5	More than 15, up to 20 hrs	24	4	360	5	970	5	7,427	5																
		6	More than 20, up to 25 hrs	19	3	199	3	611	3	4,683	3																
		7	More than 25 hrs	2	0	105	1	314	2	2,020	1																
			Total	589	100	7,672	100	17,558	100	137,762	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 2022 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		NSSE 2021 & 2022		Missouri State	Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																		
a. Writing clearly and effectively	pgwrite	1	Very little	44	7	568	8	934	5	9,105	7	2.8	2.8	.00	2.9 ***	-.21	2.8	-.05
		2	Some	165	27	2,315	30	4,256	24	38,019	28							
		3	Quite a bit	277	48	3,175	41	7,667	42	59,688	42							
		4	Very much	107	18	1,651	21	4,777	29	31,491	23							
		Total		593	100	7,709	100	17,634	100	138,303	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	39	7	905	12	1,666	9	15,377	12	2.8	2.6 ***	.21	2.8	.06	2.7 ***	.19
		2	Some	154	27	2,462	32	5,132	29	43,089	31							
		3	Quite a bit	259	43	2,826	37	6,596	37	51,793	37							
		4	Very much	139	23	1,508	19	4,219	25	27,894	20							
		Total		591	100	7,701	100	17,613	100	138,153	100							
c. Thinking critically and analytically	pgthink	1	Very little	7	1	252	3	487	3	4,398	4	3.0	3.0	.02	3.1 **	-.11	3.1	-.01
		2	Some	135	22	1,564	21	3,086	17	26,644	20							
		3	Quite a bit	281	47	3,514	45	7,701	43	62,159	44							
		4	Very much	171	30	2,369	31	6,345	37	44,937	32							
		Total		594	100	7,699	100	17,619	100	138,138	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	92	14	952	12	2,273	13	16,826	12	2.5	2.7 ***	-.15	2.7 ***	-.17	2.7 ***	-.17
		2	Some	214	36	2,454	31	5,431	30	42,520	30							
		3	Quite a bit	203	35	2,729	36	6,083	34	49,559	36							
		4	Very much	83	15	1,567	21	3,829	23	29,218	22							
		Total		592	100	7,702	100	17,616	100	138,123	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	82	13	971	13	2,212	13	19,752	15	2.6	2.6	-.04	2.7 **	-.11	2.6	.01
		2	Some	193	33	2,519	33	5,427	30	45,003	32							
		3	Quite a bit	214	37	2,685	35	6,035	34	46,486	33							
		4	Very much	104	17	1,524	20	3,938	24	26,898	20							
		Total		593	100	7,699	100	17,612	100	138,139	100							
f. Working effectively with others	pgothers	1	Very little	39	8	709	10	1,241	8	11,787	9	2.8	2.7 *	.10	2.9	-.06	2.7	.07
		2	Some	167	27	2,311	31	4,695	26	40,069	29							
		3	Quite a bit	253	43	2,991	38	7,018	39	54,400	39							
		4	Very much	135	23	1,687	21	4,662	27	31,891	23							
		Total		594	100	7,698	100	17,616	100	138,147	100							

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

NSSE 2022 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				NSSE 2021 & 2022				Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e				
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	55	9	927	13	1,498	9	15,367	12	2.7	2.6 *	.08	2.8 ***	-0.14	2.7	.04									
		2	Some	182	30	2,366	31	4,659	26	40,602	30																
		3	Quite a bit	243	42	2,866	37	6,817	38	52,051	37																
		4	Very much	114	19	1,534	20	4,621	28	30,002	21																
		Total		594	100	7,693	100	17,595	100	138,022	100																
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	33	5	743	10	1,351	8	12,430	10	2.9	2.7 ***	.19	2.9	.02	2.8 ***	.13									
		2	Some	154	25	2,268	29	4,475	25	37,812	28																
		3	Quite a bit	257	45	2,896	37	6,673	37	52,191	37																
		4	Very much	149	26	1,788	23	5,097	30	35,667	26																
		Total		593	100	7,695	100	17,596	100	138,100	100																
i. Solving complex real-world problems	pgprobsolve	1	Very little	67	11	857	11	1,837	11	15,594	12	2.6	2.6	.02	2.7 *	-0.09	2.6	.00									
		2	Some	202	34	2,655	34	5,502	30	45,627	33																
		3	Quite a bit	216	36	2,737	36	6,257	34	49,241	35																
		4	Very much	107	19	1,442	19	4,019	24	27,681	20																
		Total		592	100	7,691	100	17,615	100	138,143	100																
j. Being an informed and active citizen	pgcitizen	1	Very little	54	9	974	13	1,878	11	16,408	13	2.7	2.6 **	.11	2.7	-0.03	2.6 *	.08									
		2	Some	182	31	2,582	33	5,366	30	44,784	32																
		3	Quite a bit	245	42	2,650	34	6,223	34	48,497	34																
		4	Very much	113	19	1,487	19	4,162	25	28,606	21																
		Total		594	100	7,693	100	17,629	100	138,295	100																
19. How would you evaluate your entire educational experience at this institution?																											
evalexp		1	Poor	4	1	164	2	422	3	3,436	3	3.1	3.1	.01	3.2 *	-0.08	3.1	.04									
		2	Fair	91	16	1,151	16	2,532	14	22,962	17																
		3	Good	328	55	4,100	53	8,652	47	71,076	51																
		4	Excellent	172	28	2,288	29	6,055	36	41,023	29																
		Total		595	100	7,703	100	17,661	100	138,497	100																
20. If you could start over again, would you go to the same institution you are now attending?																											
sameinst		1	Definitely no	14	2	209	3	703	4	4,884	4	3.2	3.2	-0.01	3.2	.01	3.2	.06									
		2	Probably no	67	11	865	11	2,335	13	18,705	13																
		3	Probably yes	284	49	3,629	47	7,550	41	63,774	46																
		4	Definitely yes	229	37	3,014	39	7,131	42	51,512	37																
		Total		594	100	7,717	100	17,719	100	138,875	100																

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NSSE 2022 Frequencies and Statistical Comparisons

Missouri State University

First-Year Students

				Frequency Distributions ^a						Statistical Comparisons ^b										
				Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022		Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022		
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		
21. Do you intend to return to this institution next year?^f																				
	returnexp	No		17	3	282	4	774	5	5,555	4	90%	89%	.03	86% **	.13	88% *	.09		
	(Means indicate the percentage who responded "Yes.")	Yes		544	90	6,936	89	15,454	86	122,435	88									
		Not sure		33	7	508	7	1,485	9	11,071	8								△	△
		Total		594	100	7,726	100	17,713	100	139,061	100									
22. To what extent have the faculty and staff at your institution done a good job helping students adapt to the changes brought on by the COVID-19 pandemic?																				
	covidexp	1	Very little	19	4	432	6	964	6	7,751	6	3.0	3.0	.02	3.1 *	-.07	3.0	-.01		
		2	Some	122	20	1,631	21	3,489	19	28,904	21									
		3	Quite a bit	279	47	3,044	39	6,453	35	53,604	38									
		4	Very much	175	29	2,617	34	6,846	40	48,959	35								▽	
		Total		595	100	7,724	100	17,752	100	139,218	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 2022 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				NSSE 2021 & 2022				Missouri State				Plains Public				Carnegie Class				NSSE 2021 & 2022			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
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	27	3	329	3	612	2	6,329	4	3.1	3.1	-0.01	3.2 ***	-0.17	3.0	.05																	
		2	Sometimes	271	27	2,932	26	6,095	21	55,799	28																								
		3	Often	334	32	3,829	33	8,644	30	67,070	32																								
		4	Very often	415	38	4,807	39	12,730	46	78,632	37																								
		Total		1,047	100	11,897	100	28,081	100	207,830	100																								
b. Asked another student to help you understand course material	CLaskhelp	1	Never	190	19	3,195	26	7,404	29	38,873	21	2.4	2.2 ***	.13	2.2 ***	.19	2.3	.02																	
		2	Sometimes	430	42	4,635	40	10,578	38	84,289	40																								
		3	Often	255	24	2,497	22	5,932	20	50,090	23																								
		4	Very often	165	15	1,521	13	4,005	13	33,433	15																								
		Total		1,040	100	11,848	100	27,919	100	206,685	100																								
c. Explained course material to one or more students	CLexplain	1	Never	117	12	2,113	17	5,188	21	25,322	14	2.5	2.4 **	.11	2.4 ***	.15	2.5	-0.01																	
		2	Sometimes	421	41	4,665	39	10,094	37	77,101	38																								
		3	Often	325	31	3,303	29	7,648	26	63,969	30																								
		4	Very often	181	17	1,762	15	4,968	17	40,137	19																								
		Total		1,044	100	11,843	100	27,898	100	206,529	100																								
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	291	28	4,166	34	9,210	36	54,499	28	2.2	2.1 *	.08	2.1 **	.09	2.2	-0.04																	
		2	Sometimes	379	36	3,784	33	8,652	31	69,807	34																								
		3	Often	228	22	2,386	21	5,632	19	47,759	22																								
		4	Very often	147	14	1,464	13	4,269	14	33,428	16																								
		Total		1,045	100	11,800	100	27,763	100	205,493	100																								
e. Worked with other students on course projects or assignments	CLproject	1	Never	116	11	1,524	12	4,311	17	23,727	13	2.6	2.6	.01	2.6 *	.06	2.7	-0.05																	
		2	Sometimes	360	35	4,232	35	8,650	32	62,583	30																								
		3	Often	342	33	3,594	32	8,194	29	66,382	32																								
		4	Very often	226	21	2,419	21	6,522	22	52,117	25																								
		Total		1,044	100	11,769	100	27,677	100	204,809	100																								
f. Given a course presentation	present	1	Never	179	18	2,325	19	4,924	19	31,417	17	2.4	2.4 *	.07	2.5	-0.03	2.5 *	-0.07																	
		2	Sometimes	407	39	4,759	41	9,726	35	74,181	37																								
		3	Often	285	28	3,016	26	7,592	27	58,585	28																								
		4	Very often	169	16	1,660	14	5,383	19	40,246	19																								
		Total		1,040	100	11,760	100	27,625	100	204,429	100																								

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NSSE 2022 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		NSSE 2021 & 2022		Missouri State	Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
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	43	4	555	5	1,434	6	10,357	6	3.0	2.9 **	.10	2.9 ***	.10	2.9 ***	.11
		2	Sometimes	237	23	3,203	28	7,471	28	55,963	28							
		3	Often	434	43	4,763	41	10,557	38	79,787	39							
		4	Very often	320	30	3,162	27	7,935	28	56,527	27							
		Total		1,034	100	11,683	100	27,397	100	202,634	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	61	7	841	8	1,673	7	14,787	8	2.9	2.8 **	.09	2.9	-.03	2.8 *	.07
		2	Sometimes	294	29	3,528	31	7,455	28	60,302	31							
		3	Often	371	36	4,336	37	10,115	37	71,928	35							
		4	Very often	307	28	2,925	24	7,987	29	54,541	26							
		Total		1,033	100	11,630	100	27,230	100	201,558	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	111	12	1,461	14	2,337	9	23,657	14	2.7	2.6 **	.10	2.8 **	-.09	2.6 *	.06
		2	Sometimes	300	30	3,861	34	8,101	30	63,342	32							
		3	Often	338	32	3,608	31	9,120	34	63,926	31							
		4	Very often	278	26	2,643	22	7,527	28	49,422	24							
		Total		1,027	100	11,573	100	27,085	100	200,347	100							
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	57	6	527	5	977	4	9,800	5	2.9	2.8 **	.11	3.0	-.06	2.9 *	.07
		2	Sometimes	230	23	3,299	29	6,739	25	54,882	28							
		3	Often	452	43	5,014	43	11,559	43	84,754	42							
		4	Very often	285	27	2,655	22	7,631	29	49,379	25							
		Total		1,024	100	11,495	100	26,906	100	198,815	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	25	3	373	4	683	3	6,548	4	3.1	2.9 ***	.15	3.1	.02	3.0 ***	.11
		2	Sometimes	206	21	2,710	24	5,519	21	44,350	23							
		3	Often	423	42	5,192	45	11,877	44	86,764	43							
		4	Very often	359	34	3,122	27	8,565	32	58,817	29							
		Total		1,013	100	11,397	100	26,644	100	196,479	100							
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	22	2	277	3	599	2	5,089	3	3.0	2.9 **	.09	3.0	-.03	3.0	.04
		2	Sometimes	254	26	3,112	29	6,203	24	49,561	26							
		3	Often	419	42	4,882	43	11,442	43	83,852	43							
		4	Very often	317	30	3,010	26	8,135	31	55,820	28							
		Total		1,012	100	11,281	100	26,379	100	194,322	100							

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NSSE 2022 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		NSSE 2021 & 2022		Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	7	1	128	1	283	1	2,394	1	3.2	3.2	.06	3.3	-.01	3.2 *	△	.06
		2	Sometimes	134	14	1,563	15	3,526	14	29,040	16								
		3	Often	452	45	5,251	47	11,532	44	86,958	45								
		4	Very often	414	40	4,236	37	10,842	41	74,259	38								
		Total		1,007	100	11,178	100	26,183	100	192,651	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	133	14	2,296	21	5,223	22	36,974	21	2.5	2.3 ***	.22	2.4 ***	.19	2.4 ***	.19	
		2	Sometimes	385	39	4,542	41	10,030	38	75,212	39								
		3	Often	266	27	2,461	22	5,971	22	44,562	22								
		4	Very often	223	21	1,875	16	4,958	18	35,836	18								
		Total		1,007	100	11,174	100	26,182	100	192,584	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	425	42	5,448	48	12,535	51	84,695	46	2.0	1.9 ***	.12	1.8 ***	.15	1.9 *	△	.08
		2	Sometimes	284	28	3,070	28	7,017	25	55,983	28								
		3	Often	180	18	1,517	14	3,691	13	29,210	14								
		4	Very often	114	11	1,101	10	2,842	10	21,934	11								
		Total		1,003	100	11,136	100	26,085	100	191,822	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	292	29	4,064	36	9,008	38	59,860	33	2.1	2.0 ***	.16	2.0 ***	.14	2.1 *	△	.08
		2	Sometimes	381	39	4,135	38	9,258	34	72,659	38								
		3	Often	201	20	1,865	18	4,724	17	36,361	18								
		4	Very often	122	12	1,001	9	2,878	11	21,525	11								
		Total		996	100	11,065	100	25,868	100	190,405	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	200	20	3,043	27	6,452	26	47,571	26	2.3	2.1 ***	.16	2.2 **	.09	2.2 **	△	.10
		2	Sometimes	447	46	4,842	44	10,941	42	80,740	42								
		3	Often	228	23	2,123	19	5,415	20	40,081	20								
		4	Very often	121	12	1,067	10	3,074	12	22,072	11								
		Total		996	100	11,075	100	25,882	100	190,464	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	73	7	1,054	9	2,550	11	16,186	9	2.8	2.7 ***	.15	2.7 ***	.15	2.7 **	△	.08
		2	Some	283	29	3,695	34	7,965	32	58,098	31								
		3	Quite a bit	394	41	4,154	38	9,632	37	72,768	38								
		4	Very much	239	24	2,129	19	5,579	21	42,319	22								
		Total		989	100	11,032	100	25,726	100	189,371	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 2022 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				NSSE 2021 & 2022				Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	29	3	272	3	692	3	5,826	3	3.0	3.0	-.03	3.1 **	-0.10	3.1	-.04									
		2	Some	203	21	2,216	21	4,635	18	37,575	20																
		3	Quite a bit	449	46	5,053	46	11,250	44	83,204	44																
		4	Very much	308	30	3,466	31	9,053	35	62,006	33																
		Total		989	100	11,007	100	25,630	100	188,611	100																
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	39	4	361	4	775	3	6,559	4	3.0	3.0	.01	3.1 **	-0.10	3.0	-.03									
		2	Some	218	23	2,444	23	4,984	20	39,811	21																
		3	Quite a bit	407	41	4,859	44	10,901	43	80,205	43																
		4	Very much	323	32	3,252	29	8,779	34	60,391	32																
		Total		987	100	10,916	100	25,439	100	186,966	100																
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	49	6	485	5	896	4	8,910	5	3.0	2.9	.06	3.1 ***	-0.11	3.0	.02									
		2	Some	207	22	2,523	24	5,015	20	41,928	23																
		3	Quite a bit	421	42	4,861	44	10,875	43	78,906	42																
		4	Very much	308	30	2,997	27	8,583	34	56,380	30																
		Total		985	100	10,866	100	25,369	100	186,124	100																
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	35	4	344	3	754	3	6,853	4	2.9	3.0	-.01	3.1 ***	-0.14	3.0	-.04									
		2	Some	232	24	2,542	24	5,116	20	41,230	23																
		3	Quite a bit	441	45	4,974	45	11,228	44	82,395	44																
		4	Very much	271	27	2,966	27	8,166	32	54,812	29																
		Total		979	100	10,826	100	25,264	100	185,290	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	23	3	270	3	619	3	4,924	3	3.2	3.1	.06	3.2	-0.04	3.1	.05									
		2	Some	144	15	1,958	19	4,040	16	33,797	19																
		3	Quite a bit	450	46	4,518	42	10,217	40	77,373	41																
		4	Very much	362	36	4,039	36	10,295	41	68,236	37																
		Total		979	100	10,785	100	25,171	100	184,330	100																
b. Taught course sessions in an organized way	ETorganize	1	Very little	29	3	441	4	1,139	5	8,578	5	3.1	3.0	.02	3.1	-0.06	3.0	.04									
		2	Some	180	19	2,026	20	4,366	17	36,958	20																
		3	Quite a bit	452	46	4,578	43	9,893	39	75,974	41																
		4	Very much	315	32	3,705	33	9,714	39	62,427	34																
		Total		976	100	10,750	100	25,112	100	183,937	100																

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				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e				
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	30	3	381	4	1,091	5	7,535	5	3.1	3.1	.00	3.1	-.02	3.1	.00									
		2	Some	192	21	2,197	21	4,824	20	37,435	21																
		3	Quite a bit	421	43	4,390	41	9,533	38	72,912	39																
		4	Very much	332	33	3,774	34	9,622	37	65,721	35																
		Total		975	100	10,742	100	25,070	100	183,603	100																
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	90	9	1,098	10	2,120	9	17,328	10	2.8	2.8	-.01	2.9 ***	-0.15	2.8	-.03									
		2	Some	277	29	2,867	28	5,905	24	49,016	27																
		3	Quite a bit	350	36	3,614	34	8,410	33	62,265	33																
		4	Very much	259	26	3,147	28	8,587	34	54,746	29																
		Total		976	100	10,726	100	25,022	100	183,355	100																
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	79	8	775	8	1,655	7	15,068	9	2.8	2.8	-.01	3.0 ***	-0.15	2.8	.00									
		2	Some	273	28	2,873	28	5,863	23	50,047	28																
		3	Quite a bit	363	38	4,058	38	9,160	36	67,344	36																
		4	Very much	259	26	2,980	26	8,242	33	50,166	27																
		Total		974	100	10,686	100	24,920	100	182,625	100																
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	38	4	375	4	879	4	7,325	4	3.0	3.1	-.02	3.1 ***	-0.12	3.1	-.01									
		2	Some	194	20	2,053	20	4,419	18	37,663	21																
		3	Quite a bit	416	43	4,432	42	9,655	38	73,463	40																
		4	Very much	328	33	3,802	34	9,896	40	63,467	35																
		Total		976	100	10,662	100	24,849	100	181,918	100																
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	23	3	357	4	890	4	6,517	4	3.0	3.0	.01	3.1 *	-0.07	3.0	.00									
		2	Some	194	20	2,079	20	4,513	19	37,147	21																
		3	Quite a bit	455	47	4,717	45	10,240	41	77,533	42																
		4	Very much	304	30	3,480	31	9,151	37	60,222	33																
		Total		976	100	10,633	100	24,794	100	181,419	100																
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	62	7	812	8	1,854	8	15,887	9	2.8	2.7	.01	2.8 **	-0.09	2.7	.02									
		2	Some	317	32	3,180	31	6,805	27	54,799	30																
		3	Quite a bit	386	40	4,179	39	9,385	37	68,603	37																
		4	Very much	210	21	2,455	22	6,723	27	41,881	23																
		Total		975	100	10,626	100	24,767	100	181,170	100																

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				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	27	3	259	2	715	3	5,693	4	3.1	3.2	-0.06	3.2 **	-0.10	3.1	-0.02
		2	Some	157	16	1,646	16	3,656	15	30,504	17							
		3	Quite a bit	448	46	4,571	44	10,042	40	75,822	42							
		4	Very much	342	35	4,143	38	10,323	41	68,965	38							
		Total		974	100	10,619	100	24,736	100	180,984	100							
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	116	11	1,063	10	2,609	10	19,055	10	2.6	2.6 *	-0.09	2.7 ***	-0.12	2.7 ***	-0.12
		2	Sometimes	385	39	3,750	35	8,197	33	60,608	33							
		3	Often	301	32	3,747	36	8,482	35	62,737	35							
		4	Very often	163	18	1,965	19	5,157	22	36,210	21							
		Total		965	100	10,525	100	24,445	100	178,610	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	187	19	1,670	16	3,787	16	29,338	17	2.4	2.5 *	-0.07	2.5 ***	-0.13	2.5 **	-0.10
		2	Sometimes	376	38	3,911	37	8,662	35	64,030	36							
		3	Often	265	28	3,210	31	7,456	31	53,868	30							
		4	Very often	140	15	1,689	16	4,460	19	30,756	18							
		Total		968	100	10,480	100	24,365	100	177,992	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	168	17	1,660	16	3,849	16	28,079	16	2.4	2.4	-0.03	2.5 *	-0.08	2.5 *	-0.08
		2	Sometimes	395	40	4,143	40	9,058	37	66,710	37							
		3	Often	272	29	3,200	31	7,497	31	54,766	31							
		4	Very often	130	14	1,441	14	3,846	16	27,723	16							
		Total		965	100	10,444	100	24,250	100	177,278	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	96	10	694	7	1,161	5	11,455	7	5.9	7.5 ***	-0.24	8.9 ***	-0.42	7.5 ***	-0.24
		1.5	1-2	233	24	1,988	19	3,678	14	31,721	18							
		4	3-5	302	31	2,855	28	6,726	27	50,902	29							
		8	6-10	170	18	2,165	21	5,308	22	38,326	22							
		13	11-15	70	8	1,093	11	2,782	12	18,991	11							
		18	16-20	28	3	598	5	1,646	7	9,742	5							
		23	More than 20	62	6	1,045	9	2,889	13	15,684	9							
Total		961	100	10,438	100	24,190	100	176,821	100									

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				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e								
b. Between 6 and 10 pages	wrmednum	0	None	346	36	2,951	28	5,298	22	45,639	27	2.6	3.1 *** ▼	-0.12	4.3 *** ▼	-0.31	3.5 *** ▼	-0.19																	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	335	34	3,525	35	7,456	30	57,152	32																								
	4	3-5	167	17	2,201	21	6,040	25	40,744	23																									
	8	6-10	70	7	1,054	10	3,139	14	19,937	11																									
	13	11-15	15	2	354	3	1,099	5	6,980	4																									
	18	16-20	11	1	135	1	474	2	2,516	1																									
	23	More than 20	17	2	169	2	581	3	3,127	2																									
	Total			961	100	10,389	100	24,087	100	176,095	100																								
c. 11 pages or more	wrlongnum	0	None	600	62	5,995	57	12,041	50	90,251	51	1.4	1.6	-0.06	2.3 *** ▼	-0.20	2.0 *** ▼	-0.14																	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	242	24	2,896	28	7,325	29	54,298	30																								
	4	3-5	66	7	836	8	2,508	11	17,176	10																									
	8	6-10	31	3	331	3	1,061	5	6,987	4																									
	13	11-15	10	1	178	2	601	3	3,932	2																									
	18	16-20	3	0	76	1	217	1	1,407	1																									
	23	More than 20	11	1	111	1	397	2	2,431	1																									
	Total			963	100	10,423	100	24,150	100	176,482	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.)									59.1	71.1 *** ▼	-0.13	93.9 *** ▼	-0.32	79.8 *** ▼	-0.21																	
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	55	6	781	8	1,629	7	10,919	7	2.8	2.8	-0.01	3.0 *** ▼	-0.14	3.0 *** ▼	-0.15																	
		2	Sometimes	307	32	3,111	31	5,942	25	45,248	26																								
		3	Often	337	35	3,244	31	7,601	31	54,612	31																								
		4	Very often	263	27	3,283	31	8,958	37	65,729	37																								
			Total	962	100	10,419	100	24,130	100	176,508	100																								
b. People from an economic background other than your own	DDeconomic	1	Never	43	5	658	6	1,435	7	9,721	6	2.9	2.9	.06	3.0	-0.03	3.0	-0.02																	
		2	Sometimes	246	26	2,852	28	5,837	25	44,482	25																								
		3	Often	395	41	3,769	37	8,510	35	62,330	35																								
		4	Very often	274	29	3,122	29	8,323	34	59,534	33																								
			Total	958	100	10,401	100	24,105	100	176,067	100																								

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				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e				
c. People with religious beliefs other than your own	DDreligion	1	Never	59	6	863	8	2,202	10	14,465	9	2.9	2.8	.03	2.8 *	.08	2.9	.01									
		2	Sometimes	272	28	2,969	29	7,444	31	50,413	29																
		3	Often	358	38	3,403	33	7,125	29	55,332	31																
		4	Very often	271	28	3,162	30	7,320	30	55,821	32																
		Total		960	100	10,397	100	24,091	100	176,031	100																
d. People with political views other than your own	DDpolitical	1	Never	51	5	816	8	1,953	9	14,190	9	2.9	2.8 *	.08	2.8 **	.10	2.8 ***	.10									
		2	Sometimes	261	27	2,994	29	7,286	30	53,788	31																
		3	Often	362	38	3,472	33	7,548	31	54,587	31																
		4	Very often	287	30	3,115	29	7,298	30	53,442	30																
		Total		961	100	10,397	100	24,085	100	176,007	100																
e. People with a sexual orientation other than your own	ddsexorient	1	Never	74	8	456	10	2,305	15	10,571	11	2.8	2.7	.06	2.6 ***	.13	2.8	.00									
		2	Sometimes	331	34	1,542	35	5,461	33	33,462	32																
		3	Often	301	31	1,313	29	4,397	25	31,983	29																
		4	Very often	253	26	1,213	26	4,500	26	32,655	29																
		Total		959	100	4,524	100	16,663	100	108,671	100																
f. People from a country other than your own	ddcountry	1	Never	137	14	591	13	2,357	15	13,598	13	2.5	2.5	-.05	2.5	-.05	2.6 ***	-.12									
		2	Sometimes	417	44	1,922	42	6,639	40	42,773	39																
		3	Often	240	25	1,132	25	4,014	24	26,975	25																
		4	Very often	166	18	889	20	3,706	22	25,488	24																
		Total		960	100	4,534	100	16,716	100	108,834	100																
9. During the current school year, about how often have you done the following?																											
a. Identified key information from reading assignments	LSreading	1	Never	24	3	313	3	580	3	4,978	3	3.0	3.0	-.01	3.2 ***	-.16	3.1	-.06									
		2	Sometimes	212	23	2,157	22	4,238	18	35,339	21																
		3	Often	414	42	4,417	43	10,064	41	74,770	42																
		4	Very often	308	32	3,482	32	9,119	38	60,211	34																
		Total		958	100	10,369	100	24,001	100	175,298	100																
b. Reviewed your notes after class	LSnotes	1	Never	55	6	791	8	1,637	7	12,021	7	2.9	2.8 *	.08	2.9	-.04	2.9	.02									
		2	Sometimes	262	28	3,053	30	6,086	25	49,413	28																
		3	Often	350	37	3,494	34	8,111	34	59,302	34																
		4	Very often	290	30	3,023	28	8,163	34	54,479	31																
		Total		957	100	10,361	100	23,997	100	175,215	100																

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				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	46	5	617	6	1,137	5	9,958	6	2.9	2.8 *	.08	3.0 *	-.08	2.9	.03	
		2	Sometimes	246	27	2,874	29	5,777	24	47,767	27								
		3	Often	382	39	3,997	39	9,117	38	66,648	38								
		4	Very often	283	29	2,875	26	7,960	33	50,790	29								
		Total		957	100	10,363	100	23,991	100	175,163	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	12	1	121	1	256	1	2,083	1	5.3	5.5 ***	-.14	5.7 ***	-.29	5.5 ***	-.15	
		2		19	2	163	2	353	2	2,937	2								
		3		53	6	457	5	963	4	8,204	5								
		4		120	13	1,011	10	2,260	9	19,026	11								
		5		293	32	2,871	29	5,808	24	48,065	27								
		6		224	23	2,591	25	5,631	23	42,393	24								
		7	Very much	232	23	3,072	28	8,551	37	51,370	30								
Total		953	100	10,286	100	23,822	100	174,078	100										
11. Which of the following have you done while in college 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	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	93	10	1,249	11	3,082	14	19,299	12	48%	43% **	.09	42% ***	.12	44% *	.07	
			Do not plan to do	189	21	2,252	21	4,554	20	30,688	19								
			Plan to do	211	22	2,456	24	5,675	24	42,915	25								
			Done or in progress	465	48	4,335	43	10,508	42	81,050	44								
			Total	958	100	10,292	100	23,819	100	173,952	100								
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	85	9	1,425	13	3,720	17	22,840	14	31%	30%	.01	27% **	.09	30%	.01	
			Do not plan to do	502	52	5,015	49	10,901	46	79,219	47								
			Plan to do	74	8	799	8	2,212	10	15,248	9								
			Done or in progress	297	31	3,036	30	6,911	27	56,258	30								
			Total	958	100	10,275	100	23,744	100	173,565	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	134	14	1,575	15	4,173	19	27,114	16	21%	20%	.02	21%	.01	21%	.00	
			Do not plan to do	521	56	5,651	56	11,703	49	89,462	53								
			Plan to do	90	10	979	10	2,592	11	18,242	11								
			Done or in progress	207	21	2,042	20	5,187	21	38,229	21								
			Total	952	100	10,247	100	23,655	100	173,047	100								

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Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	NSSE 2021 & 2022								Statistical Comparisons ^b							
				Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022		Missouri State	Plains Public	Carnegie Class	NSSE 2021 & 2022				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	101	10	1,258	12	3,525	16	23,278	14	6%	6%	.00	7%	-.02	8%	-.06	
			Do not plan to do	735	77	7,748	76	16,574	69	121,195	70								
			Plan to do	60	6	614	6	1,851	8	14,249	8								
			Done or in progress	59	6	626	6	1,730	7	14,446	8								
			Total	955	100	10,246	100	23,680	100	173,168	100								
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	132	14	1,722	16	4,406	20	28,771	17	16%	18%	-.04	17%	-.03	21% ***	-0.11	
			Do not plan to do	563	59	5,761	55	12,297	52	86,203	50								
			Plan to do	104	11	1,005	10	2,484	11	20,019	12								
			Done or in progress	155	16	1,761	18	4,476	17	38,091	21								
			Total	954	100	10,249	100	23,663	100	173,084	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	103	11	989	10	2,603	12	18,082	11	38%	43% **	-.11	42% *	-.08	43% ***	-0.11	
			Do not plan to do	266	29	1,909	19	4,102	18	34,448	21								
			Plan to do	217	23	2,925	28	6,394	28	41,647	25								
			Done or in progress	363	38	4,409	43	10,582	42	78,870	43								
			Total	949	100	10,232	100	23,681	100	173,047	100								
12. About how many of your courses at this institution have included a community-based project (service-learning)?																			
	servcourse		1 None	234	26	4,325	43	8,246	36	66,957	41	1.9	1.7 ***	.29	1.8 ***	.12	1.7 ***	.25	
			2 Some	547	58	4,669	45	11,675	48	83,042	47								
			3 Most	140	14	981	9	2,847	12	17,683	10								
			4 All	21	2	234	2	787	4	4,571	3								
			Total	942	100	10,209	100	23,555	100	172,253	100								
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent		1 Poor	17	2	135	1	354	2	2,803	2	5.4	5.6 **	-.11	5.7 ***	-.17	5.6 **	-.09	
			2	22	2	192	2	430	2	3,281	2								
			3	50	5	365	4	826	4	7,091	4								
			4	105	11	983	10	2,084	9	16,847	10								
			5	229	24	2,325	23	5,053	21	40,071	23								
			6	261	28	2,795	28	5,915	24	45,763	26								
			7 Excellent	240	26	3,027	29	7,988	34	51,646	30								
			— Not applicable	24	3	404	4	958	5	5,028	4								
			Total	948	100	10,226	100	23,608	100	172,530	100								

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NSSE 2022 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				NSSE 2021 & 2022				Missouri State				Plains Public				Carnegie Class				NSSE 2021 & 2022			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
b. Academic advisors	Qladvisor	1	Poor	39	4	378	4	930	4	7,576	5	5.5	5.4	.06	5.5	.02	5.3 ***	.12																	
		2		30	3	413	4	910	4	7,620	4																								
		3		67	7	618	6	1,426	6	11,969	7																								
		4		85	9	1,085	11	2,425	10	19,609	11																								
		5		151	16	1,708	17	3,826	16	29,901	17																								
		6		191	20	2,049	20	4,509	19	33,319	19																								
		7	Excellent	379	40	3,824	37	8,940	39	59,301	35																								
		—	Not applicable	5	1	132	1	602	3	3,078	2																								
	Total	947	100	10,207	100	23,568	100	172,373	100																										
c. Faculty	QIfaculty	1	Poor	18	2	136	1	348	2	3,067	2	5.4	5.5 *	-0.08	5.7 ***	-0.20	5.5	-0.06																	
		2		21	2	202	2	419	2	3,876	2																								
		3		43	5	444	5	931	4	8,090	5																								
		4		111	12	1,110	11	2,212	9	19,014	11																								
		5		237	25	2,325	24	4,640	19	38,535	22																								
		6		272	28	2,808	27	6,229	26	47,200	27																								
		7	Excellent	235	25	3,063	29	8,400	36	50,468	29																								
		—	Not applicable	10	1	120	1	390	2	2,117	1																								
	Total	947	100	10,208	100	23,569	100	172,367	100																										
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	34	4	336	3	861	4	7,574	5	5.0	5.1	-0.06	5.2 **	-0.11	5.0	.01																	
		2		29	3	343	4	810	3	6,893	4																								
		3		57	7	541	5	1,286	5	11,022	6																								
		4		102	11	1,095	11	2,382	10	20,112	11																								
		5		180	19	1,674	17	3,737	15	29,455	16																								
		6		167	17	1,692	17	3,664	15	28,275	16																								
		7	Excellent	167	18	2,098	20	5,570	24	34,786	21																								
		—	Not applicable	209	22	2,431	23	5,244	23	34,124	21																								
	Total	945	100	10,210	100	23,554	100	172,241	100																										

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Missouri State University

Seniors

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Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Missouri State				Plains Public				Carnegie Class				NSSE 2021 & 2022				Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	33	4	318	3	950	4	8,133	5	5.2	5.2	-0.04	5.3 *	-0.07	5.0 *	.07									
		2		35	4	386	4	921	4	8,176	5																
		3		58	6	620	6	1,485	6	12,610	7																
		4		115	12	1,244	12	2,775	11	23,194	13																
		5		202	22	1,993	20	4,359	18	33,644	19																
		6		223	23	2,096	21	4,527	19	32,925	19																
		7	Excellent	212	22	2,663	25	6,926	30	40,035	24																
		—	Not applicable	68	7	892	9	1,633	8	13,645	9																
Total				946	100	10,212	100	23,576	100	172,362	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	14	2	165	2	471	2	3,229	2	3.1	3.1	-0.01	3.1	-0.04	3.1 *	-0.07									
		2	Some	183	19	2,017	20	4,357	19	31,264	18																
		3	Quite a bit	464	49	4,805	48	10,580	44	76,976	45																
		4	Very much	286	29	3,211	31	8,078	34	60,350	35																
		Total				947	100	10,198	100	23,486	100								171,819	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	56	7	578	6	1,456	7	10,435	7	2.9	2.9	.01	2.9 *	-0.08	2.9	-0.02									
		2	Some	245	26	2,701	28	5,547	24	44,198	26																
		3	Quite a bit	394	42	4,249	42	9,254	38	70,115	40																
		4	Very much	249	26	2,656	25	7,176	31	46,786	27																
		Total				944	100	10,184	100	23,433	100								171,534	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	111	13	1,019	10	2,237	10	17,107	11	2.7	2.8	-0.03	2.9 ***	-0.14	2.8 *	-0.08									
		2	Some	244	26	2,601	27	5,459	23	42,848	25																
		3	Quite a bit	338	36	3,886	38	8,413	36	63,027	36																
		4	Very much	249	26	2,674	25	7,314	31	48,390	28																
		Total				942	100	10,180	100	23,423	100								171,372	100							
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	116	12	1,660	16	3,583	16	25,772	16	2.7	2.5 ***	.13	2.6	.02	2.6	.05									
		2	Some	290	32	3,348	33	6,772	29	52,288	30																
		3	Quite a bit	337	35	3,199	32	7,396	31	54,505	31																
		4	Very much	202	21	1,951	19	5,625	24	38,572	22																
		Total				945	100	10,158	100	23,376	100								171,137	100							

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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	Missouri State				Plains Public				Carnegie Class				NSSE 2021 & 2022				Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e				
e. Providing opportunities to be involved socially	SEsocial	1	Very little	69	8	1,111	10	2,691	13	17,186	11	2.9	2.7 ***	.18	2.7 ***	.12	2.7 ***	.12	△	△							
		2	Some	236	25	3,055	30	6,248	27	46,931	28																
		3	Quite a bit	392	42	3,840	38	8,305	34	64,238	37																
		4	Very much	247	26	2,149	21	6,113	26	42,643	24																
		Total		944	100	10,155	100	23,357	100	170,998	100																
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	82	9	1,306	12	3,223	15	21,246	13	2.8	2.6 ***	.17	2.7 ***	.14	2.7 ***	.13	△	△							
		2	Some	252	27	3,095	31	6,700	28	49,796	29																
		3	Quite a bit	375	40	3,622	36	7,756	33	59,973	35																
		4	Very much	233	25	2,116	20	5,633	24	39,782	23																
		Total		942	100	10,139	100	23,312	100	170,797	100																
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	295	32	3,389	34	7,338	32	56,838	34	2.2	2.1 *	.09	2.2	-.03	2.1	.05	△								
		2	Some	328	34	3,591	36	7,677	32	58,237	34																
		3	Quite a bit	197	21	2,062	20	5,067	22	35,315	21																
		4	Very much	120	13	1,086	10	3,230	14	20,286	12																
		Total		940	100	10,128	100	23,312	100	170,676	100																
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	137	15	2,453	22	5,692	26	31,828	20	2.6	2.4 ***	.16	2.4 ***	.15	2.5 *	.08	△	△							
		2	Some	277	30	3,018	31	6,121	25	49,446	29																
		3	Quite a bit	358	38	3,028	31	6,864	29	55,292	31																
		4	Very much	166	17	1,611	16	4,569	20	33,832	19																
		Total		938	100	10,110	100	23,246	100	170,398	100																
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	188	20	2,777	26	6,153	28	39,261	24	2.4	2.2 ***	.16	2.3 **	.09	2.3 *	.07	△	△							
		2	Some	351	37	3,755	38	7,548	31	60,589	35																
		3	Quite a bit	277	30	2,491	25	6,101	26	46,430	26																
		4	Very much	125	13	1,092	11	3,452	15	24,125	14																
		Total		941	100	10,115	100	23,254	100	170,405	100																
15. To what extent do you agree or disagree with the following statements?																											
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	12	1	203	2	651	3	4,831	3	3.3	3.3	-.01	3.3	-.04	3.3	.02									
		2	Disagree	70	7	643	7	1,632	7	12,866	8																
		3	Agree	492	52	5,007	50	10,640	45	82,863	48																
		4	Strongly agree	367	39	4,263	41	10,365	45	69,976	42																
		Total		941	100	10,116	100	23,288	100	170,536	100																

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Missouri State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

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				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	47	5	551	6	1,350	6	11,922	8	3.0	2.9	.02	3.1 ***	-.11	2.9	.05	
		2	Disagree	168	18	1,754	18	3,601	15	31,325	18								
		3	Agree	492	52	5,130	51	11,074	47	83,663	48								
		4	Strongly agree	233	25	2,676	25	7,248	32	43,494	26								
		Total		940	100	10,111	100	23,273	100	170,404	100								
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	49	5	512	5	1,301	6	10,500	7	2.9	2.9	-.01	3.0 **	-.10	2.9	.00	
		2	Disagree	198	21	1,881	19	4,008	17	32,039	19								
		3	Agree	461	48	5,091	50	10,995	47	83,642	48								
		4	Strongly agree	234	25	2,638	25	6,990	30	44,348	26								
		Total		942	100	10,122	100	23,294	100	170,529	100								
16. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	9	1	35	0	90	0	662	0	13.6	15.5 ***	-.22	15.9 ***	-.27	15.9 ***	-.26	
		3	1-5 hrs	150	16	1,191	12	2,470	11	18,784	11								
		8	6-10 hrs	229	25	2,197	22	4,925	21	35,766	21								
		13	11-15 hrs	202	22	2,126	21	4,715	20	34,193	20								
		18	16-20 hrs	152	16	1,889	19	4,432	19	32,161	19								
		23	21-25 hrs	102	10	1,099	11	2,744	12	20,104	12								
		28	26-30 hrs	40	4	695	7	1,685	7	12,182	7								
		33	More than 30 hrs	55	5	877	9	2,161	9	16,180	10								
Total		939	100	10,109	100	23,222	100	170,032	100										

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Missouri State University

Seniors

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Statistical Comparisons^b

Your seniors compared with

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				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	460	48	5,304	51	12,076	55	80,044	49	4.4	4.1	.05	4.2	.03	4.5	-.01	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	244	26	2,502	25	5,221	21	43,036	24								
	8	6-10 hrs	105	12	1,008	10	2,304	9	19,314	11									
	13	11-15 hrs	55	6	510	5	1,494	6	11,681	7									
	18	16-20 hrs	43	5	354	4	945	4	7,438	4									
	23	21-25 hrs	14	2	179	2	529	2	3,872	2									
	28	26-30 hrs	7	1	83	1	224	1	1,727	1									
	33	More than 30 hrs	12	1	143	2	389	2	2,636	1									
	Total		940	100	10,083	100	23,182	100	169,748	100									
	c. Working for pay on campus	tmworkonhrs	0	0 hrs	773	82	8,014	79	18,333	81	127,776								77
(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)		3	1-5 hrs	25	3	354	4	908	3	7,369	4								
8		6-10 hrs	34	3	545	5	1,370	5	11,731	6									
13		11-15 hrs	33	4	414	4	1,083	4	8,873	5									
18		16-20 hrs	40	4	474	5	862	4	8,637	5									
23		21-25 hrs	8	1	124	1	320	1	2,707	2									
28		26-30 hrs	5	0	59	1	107	1	1,025	1									
33		More than 30 hrs	22	3	99	1	208	1	1,681	1									
Total			940	100	10,083	100	23,191	100	169,799	100									
d. Working for pay off campus		tmworkoffhrs	0	0 hrs	219	23	3,267	32	8,653	37	66,745	39	17.9	15.7 ***	.17	15.0 ***	.21	13.5 ***	.33
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	41	4	422	4	1,038	4	8,232	5								
	8	6-10 hrs	49	5	606	6	1,383	6	10,949	6									
	13	11-15 hrs	71	7	636	6	1,549	6	11,955	7									
	18	16-20 hrs	106	11	906	9	1,876	7	15,494	9									
	23	21-25 hrs	128	13	753	8	1,497	6	12,554	7									
	28	26-30 hrs	75	8	561	6	1,193	5	9,523	5									
	33	More than 30 hrs	253	28	2,925	28	6,019	29	34,431	22									
	Total		942	100	10,076	100	23,208	100	169,883	100									
	Estimated number of hours working for pay	tmworkhrs										20.8							
(Continuous variable created by NSSE)											△		△	▲					

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NSSE 2022 Frequencies and Statistical Comparisons

Missouri State University

Seniors

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Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022		Missouri State	Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	501	54	5,738	58	11,920	52	95,067	57	3.2	2.6 ** △	.11	3.5	-.05	2.9	.05
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	281	29	3,010	29	7,121	30	48,849	28							
		8	6-10 hrs	72	8	654	6	1,946	9	12,485	7							
		13	11-15 hrs	40	4	296	3	960	4	5,923	3							
		18	16-20 hrs	24	3	184	2	566	2	3,363	2							
		23	21-25 hrs	10	1	66	1	254	1	1,644	1							
		28	26-30 hrs	4	0	39	0	141	1	771	0							
		33	More than 30 hrs	7	1	88	1	265	1	1,610	1							
	Total			939	100	10,075	100	23,173	100	169,712	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	29	3	320	3	1,024	5	5,723	4	11.5	11.0	.06	10.0 *** △	.19	11.0 *	.07
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	231	24	2,800	26	6,983	30	45,156	26							
		8	6-10 hrs	243	25	2,804	28	6,479	27	47,620	28							
		13	11-15 hrs	194	22	1,853	19	3,951	17	31,492	18							
		18	16-20 hrs	134	15	1,182	12	2,385	10	19,806	12							
		23	21-25 hrs	39	4	431	5	964	4	8,135	5							
		28	26-30 hrs	25	3	228	2	465	2	3,780	2							
		33	More than 30 hrs	43	5	460	5	916	4	8,005	5							
	Total			938	100	10,078	100	23,167	100	169,717	100							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	623	66	5,912	61	12,872	53	105,559	61	5.9	7.5 *** ▽	-.13	9.5 *** ▽	-.27	6.7 *	-.07
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	91	10	957	9	2,416	10	18,485	11							
		8	6-10 hrs	40	4	516	5	1,289	6	9,549	6							
		13	11-15 hrs	30	3	350	3	940	4	6,267	4							
		18	16-20 hrs	20	2	300	3	791	4	4,954	3							
		23	21-25 hrs	13	1	171	2	421	2	2,603	2							
		28	26-30 hrs	11	1	140	1	386	2	2,045	1							
		33	More than 30 hrs	110	11	1,726	15	4,049	20	20,134	13							
	Total			938	100	10,072	100	23,164	100	169,596	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 2022 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		NSSE 2021 & 2022		Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																			
a. Writing clearly and effectively	pgwrite	1	Very little	60	7	516	6	941	4	8,396	6	3.0	3.0	-0.2	3.2 ***	-0.23	3.0 **	-0.09	
		2	Some	208	22	2,232	23	4,113	17	34,674	21								
		3	Quite a bit	378	40	3,927	39	8,810	37	66,423	39								
		4	Very much	294	31	3,387	32	9,286	41	60,049	35								
		Total		940	100	10,062	100	23,150	100	169,542	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	67	7	792	8	1,568	8	12,126	8	2.9	2.8	.06	3.0 **	-0.09	2.9	-0.01	
		2	Some	230	24	2,589	26	4,982	21	39,528	24								
		3	Quite a bit	366	39	3,780	38	8,471	36	63,445	37								
		4	Very much	277	29	2,894	28	8,090	35	54,252	31								
		Total		940	100	10,055	100	23,111	100	169,351	100								
c. Thinking critically and analytically	pgthink	1	Very little	22	3	225	2	454	2	3,829	3	3.2	3.3	-0.03	3.3 ***	-0.14	3.3 *	-0.07	
		2	Some	119	13	1,334	14	2,672	12	21,357	13								
		3	Quite a bit	407	43	3,946	39	8,479	36	64,013	37								
		4	Very much	389	41	4,548	44	11,533	50	80,214	47								
		Total		937	100	10,053	100	23,138	100	169,413	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	86	9	873	9	2,243	10	14,926	9	2.8	2.9	-0.04	2.9	-0.05	2.9 **	-0.09	
		2	Some	259	26	2,607	26	5,824	25	41,883	24								
		3	Quite a bit	346	38	3,518	35	7,543	32	57,348	34								
		4	Very much	245	27	3,052	30	7,502	33	55,191	33								
		Total		936	100	10,050	100	23,112	100	169,348	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	50	6	673	7	1,567	7	13,884	9	3.0	3.0	.02	3.0	-0.05	2.9 *	.06	
		2	Some	211	23	2,244	23	4,723	20	38,494	23								
		3	Quite a bit	351	37	3,457	34	7,905	34	58,124	34								
		4	Very much	327	34	3,674	36	8,913	39	58,875	34								
		Total		939	100	10,048	100	23,108	100	169,377	100								
f. Working effectively with others	pgothers	1	Very little	39	5	548	6	1,265	6	8,812	6	3.0	3.0	.04	3.1 *	-0.07	3.0	-0.01	
		2	Some	219	23	2,283	23	4,450	20	34,545	21								
		3	Quite a bit	358	38	3,868	39	8,388	36	64,306	37								
		4	Very much	323	34	3,335	32	9,007	39	61,673	35								
		Total		939	100	10,034	100	23,110	100	169,336	100								

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NSSE 2022 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				NSSE 2021 & 2022				Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	87	10	1,018	11	1,635	7	16,159	11	2.8	2.8	.03	3.0 ***	-0.21	2.9	-0.03									
		2	Some	236	26	2,489	25	4,695	20	39,629	24																
		3	Quite a bit	328	35	3,503	35	8,044	34	58,738	34																
		4	Very much	284	29	3,031	29	8,733	38	54,729	31																
		Total		935	100	10,041	100	23,107	100	169,255	100																
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	63	7	942	10	1,821	8	14,649	10	2.9	2.8 ***	.12	3.0	-0.04	2.9	.05									
		2	Some	226	25	2,640	27	5,283	23	40,910	25																
		3	Quite a bit	340	36	3,438	34	7,769	33	58,094	34																
		4	Very much	309	32	3,016	28	8,226	36	55,602	32																
		Total		938	100	10,036	100	23,099	100	169,255	100																
i. Solving complex real-world problems	pgprobsolve	1	Very little	70	8	828	9	1,782	8	14,337	9	2.8	2.8	.01	2.9 **	-0.09	2.9	-0.01									
		2	Some	253	27	2,613	26	5,536	24	43,203	26																
		3	Quite a bit	348	37	3,745	38	8,134	35	60,411	35																
		4	Very much	266	28	2,854	27	7,667	33	51,350	30																
		Total		937	100	10,040	100	23,119	100	169,301	100																
j. Being an informed and active citizen	pgcitizen	1	Very little	90	10	1,207	13	2,288	10	19,133	12	2.8	2.7 **	.10	2.9	-0.06	2.8	.05									
		2	Some	248	27	2,883	29	5,882	25	46,592	28																
		3	Quite a bit	332	35	3,345	33	7,630	32	56,151	32																
		4	Very much	265	28	2,619	25	7,326	32	47,547	28																
		Total		935	100	10,054	100	23,126	100	169,423	100																
19. How would you evaluate your entire educational experience at this institution?																											
evalexp		1	Poor	22	3	233	3	623	3	5,039	3	3.1	3.2 *	-0.08	3.3 ***	-0.18	3.2	-0.06									
		2	Fair	136	15	1,237	13	2,724	12	22,941	14																
		3	Good	456	48	4,468	45	9,315	39	74,789	43																
		4	Excellent	323	35	4,115	39	10,499	46	66,877	40																
		Total		937	100	10,053	100	23,161	100	169,646	100																
20. If you could start over again, would you go to the same institution you are now attending?																											
sameinst		1	Definitely no	36	4	374	4	1,196	5	8,669	5	3.2	3.2	-0.05	3.2 *	-0.08	3.2	-0.01									
		2	Probably no	109	12	1,147	12	2,896	12	22,852	13																
		3	Probably yes	439	47	4,122	42	8,583	36	67,976	39																
		4	Definitely yes	355	37	4,430	42	10,547	47	70,629	42																
		Total		939	100	10,073	100	23,222	100	170,126	100																

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NSSE 2022 Frequencies and Statistical Comparisons

Missouri State University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022		Missouri State		Plains Public		Carnegie Class		NSSE 2021 & 2022	
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	
22. To what extent have the faculty and staff at your institution done a good job helping students adapt to the changes brought on by the COVID-19 pandemic?																			
	covidexp	1	Very little	45	5	618	6	1,639	8	11,447	7	3.1	3.0	.04	3.1	.00	3.0	.05	
		2	Some	197	21	2,049	21	4,484	19	35,804	21								
		3	Quite a bit	352	37	3,704	38	7,813	33	60,963	35								
		4	Very much	342	37	3,684	35	9,229	40	61,773	37								
			Total	936	100	10,055	100	23,165	100	169,987	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 2022 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	NSSE 2021 & 2022	Missouri State	Plains Public	Carnegie Class	NSSE 2021 & 2022	Missouri State	Plains Public	Carnegie Class	NSSE 2021 & 2022	Comparisons with:			Comparisons with:			Comparisons with:						
														Plains Public	Carnegie Class	NSSE 2021 & 2022	Plains Public	Carnegie Class	NSSE 2021 & 2022	Plains Public	Carnegie Class	NSSE 2021 & 2022				
1 a. askquest	698	2.81	2.80	2.90	2.78	.031	.009	.005	.002	.81	.85	.85	.85	9,885	24,971	202,532	.815	.005	.291	.01	-.11	.04				
b. CLaskhelp	695	2.39	2.33	2.31	2.38	.034	.010	.006	.002	.90	.93	.95	.93	9,833	24,821	201,203	.108	.034	.783	.06	.08	.01				
c. CLexplain	697	2.46	2.42	2.41	2.44	.032	.009	.006	.002	.83	.89	.92	.89	821	745	701	.245	.116	.590	.04	.06	.02				
d. CLstudy	694	2.30	2.18	2.21	2.23	.035	.010	.006	.002	.93	.98	1.00	.98	9,785	739	199,522	.002	.009	.058	.12	.09	.07				
e. CLproject	692	2.48	2.37	2.42	2.44	.031	.010	.006	.002	.83	.90	.95	.91	823	745	697	.001	.056	.192	.12	.06	.04				
f. present	691	2.23	1.99	2.18	2.12	.033	.009	.006	.002	.86	.87	.93	.89	805	739	197,939	.000	.133	.001	.27	.05	.12				
2 a. RIintegrate	684	2.63	2.55	2.58	2.54	.033	.009	.006	.002	.85	.85	.89	.87	9,588	727	194,747	.020	.141	.005	.09	.05	.11				
b. RISocietal	682	2.65	2.55	2.65	2.58	.032	.009	.006	.002	.85	.89	.90	.89	801	727	686	.002	.993	.026	.12	.00	.08				
c. RIDiverse	684	2.78	2.53	2.68	2.61	.033	.010	.006	.002	.85	.91	.91	.92	810	731	689	.000	.002	.000	.28	.11	.19				
d. RIownview	677	2.79	2.76	2.85	2.78	.030	.009	.005	.002	.77	.82	.82	.82	799	723	682	.293	.062	.733	.04	-.07	.01				
e. RIPerspect	673	2.95	2.91	2.99	2.92	.029	.009	.005	.002	.76	.79	.80	.80	9,203	22,986	677	.249	.188	.299	.05	-.05	.04				
f. RInewview	669	2.88	2.83	2.90	2.84	.030	.009	.006	.002	.79	.80	.82	.81	9,081	22,582	181,335	.071	.685	.168	.07	-.02	.05				
g. RIconnect	659	3.07	3.04	3.08	3.03	.027	.008	.005	.002	.70	.74	.77	.76	8,986	707	664	.320	.865	.151	.04	-.01	.05				
3 a. SFcareer	662	2.48	2.30	2.30	2.24	.036	.010	.007	.002	.93	.92	.96	.94	8,986	22,265	178,603	.000	.000	.000	.20	.20	.26				
b. SFotherwork	661	1.83	1.75	1.76	1.74	.036	.010	.006	.002	.93	.91	.94	.91	8,944	22,148	177,530	.047	.085	.011	.08	.07	.10				
c. SFdiscuss	657	1.93	1.89	1.97	1.94	.035	.010	.006	.002	.89	.89	.94	.91	8,873	21,908	175,500	.252	.226	.817	.05	-.05	-.01				
d. SFperform	660	2.16	2.07	2.14	2.10	.035	.010	.006	.002	.90	.88	.91	.90	764	21,895	175,481	.013	.576	.054	.10	.02	.08				
4 a. memorize	658	2.98	2.83	2.86	2.86	.030	.009	.006	.002	.76	.81	.85	.83	784	710	663	.000	.000	.000	.19	.15	.15				
b. HOapply	654	2.86	2.88	2.91	2.88	.031	.009	.006	.002	.79	.80	.82	.82	8,779	21,605	172,918	.578	.115	.537	-.02	-.06	-.02				
c. HOanalyze	646	2.81	2.85	2.93	2.88	.031	.009	.006	.002	.79	.81	.83	.82	8,668	21,329	170,684	.257	.001	.047	-.05	-.13	-.08				
d. HOevaluate	647	2.85	2.85	2.97	2.89	.030	.009	.006	.002	.77	.83	.82	.82	773	21,185	169,721	.788	.000	.255	.01	-.14	-.04				
e. HOform	646	2.85	2.87	2.95	2.89	.029	.009	.006	.002	.75	.81	.82	.81	773	21,055	651	.670	.004	.181	-.02	-.11	-.05				
5 a. ETgoals	643	3.12	3.05	3.09	3.03	.027	.009	.006	.002	.69	.80	.81	.80	786	699	648	.027	.432	.002	.08	.03	.11				
b. ETorganize	643	2.95	2.98	3.01	2.95	.030	.010	.006	.002	.77	.85	.87	.86	775	697	649	.403	.058	.890	-.03	-.07	.00				
c. ETexample	640	2.99	2.98	3.03	2.97	.029	.009	.006	.002	.73	.84	.86	.85	783	696	645	.672	.283	.353	.02	-.04	.03				
d. ETdraftfb	638	2.76	2.78	2.93	2.81	.034	.010	.007	.002	.86	.93	.93	.93	762	20,760	643	.486	.000	.095	-.03	-.18	-.06				
e. ETfeedback	633	2.62	2.72	2.84	2.71	.034	.010	.007	.002	.86	.91	.93	.92	752	20,673	638	.009	.000	.010	-.10	-.24	-.10				
f. etcriteria	627	2.95	2.99	3.05	2.97	.031	.009	.006	.002	.77	.83	.85	.84	749	675	632	.195	.002	.523	-.05	-.12	-.02				
g. etreview	632	2.95	2.97	3.03	2.96	.030	.009	.006	.002	.76	.80	.82	.82	8,411	680	637	.524	.008	.900	-.03	-.10	.00				
h. etprefer	632	2.62	2.63	2.72	2.62	.031	.010	.006	.002	.78	.89	.91	.89	770	687	638	.865	.003	.832	-.01	-.10	.01				
i. etdemonstrate	628	3.12	3.11	3.12	3.08	.028	.009	.006	.002	.69	.80	.82	.81	770	685	634	.622	.883	.094	.02	.01	.06				

NSSE 2022 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	NSSE 2021 & 2022	Missouri State	Plains Public	Carnegie Class	NSSE 2021 & 2022	Missouri State	Plains Public	Carnegie Class	NSSE 2021 & 2022	Comparisons with:			Comparisons with:			Comparisons with:						
														Plains Public	Carnegie Class	NSSE 2021 & 2022	Plains Public	Carnegie Class	NSSE 2021 & 2022	Plains Public	Carnegie Class	NSSE 2021 & 2022				
6 a. QRconclude	624	2.50	2.60	2.59	2.59	.033	.010	.006	.002	.83	.87	.91	.87	8,254	670	160,338	.007	.006	.009	-.11	-.10	-.10				
b. QRproblem	620	2.39	2.38	2.41	2.38	.036	.011	.007	.002	.89	.92	.95	.92	8,243	665	159,455	.864	.514	.727	.01	-.03	.01				
c. QRevaluate	621	2.35	2.36	2.37	2.34	.035	.010	.007	.002	.87	.89	.93	.90	8,208	666	158,635	.868	.621	.898	-.01	-.02	.01				
7 a. wrshortnum	617	5.17	6.29	7.05	6.45	.198	.067	.044	.015	4.91	5.85	6.14	5.83	766	679	623	.000	.000	.000	-.19	-.31	-.22				
b. wrmednum	618	1.72	2.03	2.57	2.32	.125	.039	.028	.009	3.10	3.37	3.92	3.62	742	682	624	.018	.000	.000	-.09	-.22	-.17				
c. wrlongnum	619	.82	.85	1.22	1.07	.111	.033	.025	.008	2.77	2.89	3.53	3.23	8,187	684	625	.803	.000	.023	-.01	-.11	-.08				
— wrpages	615	41.45	47.22	59.17	53.46	2.904	.840	.632	.203	72.02	72.82	87.27	80.36	8,138	674	620	.059	.000	.000	-.08	-.20	-.15				
8 a. DDrace	619	2.96	2.85	2.96	2.93	.034	.011	.007	.002	.86	.93	.95	.94	742	668	624	.003	.909	.393	.12	.00	.03				
b. DDeconomic	617	3.04	2.90	2.93	2.90	.034	.010	.007	.002	.84	.90	.93	.91	735	666	622	.000	.003	.000	.15	.11	.15				
c. DDreligion	619	3.01	2.86	2.81	2.82	.034	.011	.007	.002	.84	.93	.97	.96	748	672	624	.000	.000	.000	.17	.21	.20				
d. DDpolitical	615	3.00	2.88	2.79	2.77	.035	.011	.007	.002	.86	.93	.97	.96	737	665	620	.001	.000	.000	.13	.23	.25				
e. ddsexorient	617	2.98	2.72	2.70	2.77	.037	.015	.009	.003	.91	.98	1.02	.99	841	684	625	.000	.000	.000	.27	.27	.21				
f. ddcountry	618	2.61	2.46	2.50	2.53	.035	.015	.008	.003	.88	.93	1.00	.99	4,741	687	627	.000	.002	.034	.17	.12	.08				
9 a. LSreading	614	2.92	2.93	3.03	2.96	.030	.009	.006	.002	.74	.79	.79	.79	734	19,623	156,311	.632	.001	.192	-.02	-.13	-.05				
b. LSnotes	616	2.91	2.88	2.96	2.89	.036	.010	.006	.002	.88	.89	.89	.88	8,119	19,605	156,231	.502	.138	.674	.03	-.06	.02				
c. LSsummary	614	2.85	2.82	2.92	2.83	.034	.010	.006	.002	.83	.86	.87	.86	8,103	19,579	156,164	.295	.081	.539	.04	-.07	.02				
10 challenge	613	5.18	5.36	5.47	5.36	.046	.014	.010	.003	1.14	1.25	1.31	1.27	737	665	618	.000	.000	.000	-.15	-.22	-.14				
11 a. intern ^l	611	5%	7%	7%	7%	.009	.003	.002	.001	--	--	--	--	--	--	--	.043	.027	.057	-.09	-.10	-.08				
b. leader ^l	609	12%	10%	9%	9%	.013	.003	.002	.001	--	--	--	--	--	--	--	.087	.046	.014	.07	.08	.09				
c. learncom ^l	607	7%	11%	10%	10%	.011	.004	.002	.001	--	--	--	--	--	--	--	.009	.012	.038	-.12	-.11	-.09				
d. abroad ^l	608	2%	1%	2%	2%	.005	.001	.001	.000	--	--	--	--	--	--	--	.583	.234	.490	.02	-.05	-.03				
e. research ^l	605	3%	4%	5%	5%	.007	.002	.002	.001	--	--	--	--	--	--	--	.074	.024	.034	-.08	-.10	-.10				
f. capstone ^l	608	1%	2%	2%	2%	.004	.002	.001	.000	--	--	--	--	--	--	--	.142	.072	.124	-.07	-.09	-.07				
12 servcourse	607	1.89	1.57	1.68	1.59	.024	.008	.006	.002	.60	.69	.75	.70	745	670	612	.000	.000	.000	.47	.28	.42				
13 a. QIstudent	596	5.47	5.37	5.43	5.29	.051	.017	.011	.004	1.25	1.42	1.45	1.46	727	648	601	.080	.486	.001	.07	.03	.12				
b. QIadvisor	605	5.64	5.45	5.48	5.37	.058	.019	.012	.004	1.43	1.58	1.59	1.61	734	655	610	.002	.006	.000	.12	.10	.17				
c. QIfaculty	602	5.40	5.38	5.51	5.34	.051	.016	.010	.004	1.25	1.38	1.40	1.42	727	651	607	.815	.036	.264	.01	-.08	.04				
d. QIstaff	564	5.40	5.13	5.23	5.09	.060	.020	.013	.005	1.43	1.62	1.65	1.65	697	617	569	.000	.006	.000	.17	.10	.19				
e. QIadmin	571	5.30	5.22	5.27	5.10	.058	.019	.012	.004	1.39	1.58	1.63	1.63	700	624	577	.177	.548	.000	.05	.02	.13				

NSSE 2022 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 ^l			Significance ^k			Effect size ^e		
	Missouri State	Missouri State	Plains Public	Carnegie Class	NSSE 2021 & 2022	Missouri State	Plains Public	Carnegie Class	NSSE 2021 & 2022	Missouri State	Plains Public	Carnegie Class	NSSE 2021 & 2022	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public	Carnegie Class	NSSE 2021 & 2022	Plains Public	Carnegie Class	NSSE 2021 & 2022	Plains Public	Carnegie Class	NSSE 2021 & 2022
14 a. empstudy	606	2.98	3.01	3.04	3.05	.029	.009	.006	.002	.72	.75	.77	.76	7,921	650	610	.292	.029	.011	-.04	-.09	-.10
b. SEacademic	604	2.94	2.92	2.97	2.92	.033	.010	.006	.002	.81	.83	.87	.86	7,904	651	609	.515	.312	.589	.03	-.04	.02
c. SElearnsup	601	2.95	2.94	3.00	2.96	.037	.011	.007	.002	.91	.92	.94	.92	7,886	18,985	151,424	.761	.152	.721	.01	-.06	-.01
d. SEdiverse	601	2.79	2.60	2.74	2.68	.036	.011	.007	.002	.88	.95	.97	.96	722	650	606	.000	.128	.001	.20	.06	.12
e. SEsocial	602	2.93	2.77	2.86	2.79	.034	.011	.007	.002	.82	.91	.94	.93	728	653	607	.000	.043	.000	.18	.07	.15
f. SEwellness	600	2.96	2.75	2.80	2.77	.033	.011	.007	.002	.82	.92	.95	.93	731	653	605	.000	.000	.000	.23	.18	.21
g. SENonacad	600	2.26	2.19	2.31	2.24	.038	.011	.007	.003	.92	.96	1.00	.98	7,835	646	604	.133	.143	.604	.06	-.06	.02
h. SEactivities	600	2.84	2.57	2.62	2.61	.035	.012	.008	.003	.85	.98	1.04	1.00	740	659	606	.000	.000	.000	.27	.21	.24
i. SEevents	600	2.54	2.26	2.38	2.36	.038	.011	.007	.003	.92	.95	1.00	.97	7,829	646	150,536	.000	.000	.000	.30	.16	.19
15 a. sbmyself	598	3.27	3.23	3.24	3.20	.027	.008	.005	.002	.65	.67	.71	.70	7,812	18,856	150,467	.210	.341	.021	.05	.04	.09
b. sbvalued	597	2.96	2.96	3.06	2.96	.030	.009	.006	.002	.74	.75	.76	.76	7,820	18,830	150,211	.980	.002	.891	.00	-.13	.01
c. sbcommunity	600	2.96	2.96	3.02	2.94	.031	.009	.006	.002	.76	.77	.79	.78	7,823	18,842	150,414	.936	.073	.408	.00	-.07	.03
16 a. tmprephrs	598	13.72	15.04	14.84	15.24	.306	.096	.062	.022	7.48	8.10	8.30	8.36	719	647	603	.000	.000	.000	-.16	-.14	-.18
b. tmcocurrhrs	598	5.58	4.87	5.01	4.88	.252	.081	.053	.018	6.16	6.85	7.08	6.90	7,776	651	149,648	.014	.027	.013	.10	.08	.10
c. tmworkonhrs	600	2.07	2.11	2.22	2.08	.227	.064	.042	.014	5.55	5.46	5.62	5.45	7,786	18,780	149,817	.851	.524	.971	-.01	-.03	.00
d. tmworkoffhrs	597	7.77	8.85	8.37	7.15	.440	.139	.089	.028	10.74	11.81	11.96	10.91	721	645	149,818	.020	.180	.166	-.09	-.05	.06
— tmworkhrs	597	9.80	10.94	10.58	9.20	.466	.149	.097	.032	11.38	12.63	13.08	12.15	724	649	149,348	.020	.102	.231	-.09	-.06	.05
e. tmservicehrs	598	2.45	1.95	2.55	2.09	.170	.050	.038	.012	4.16	4.23	5.17	4.56	7,780	660	149,704	.005	.577	.052	.12	-.02	.08
f. tmrelaxhrs	599	13.16	12.62	11.66	12.26	.334	.101	.063	.022	8.18	8.54	8.52	8.57	7,786	642	149,738	.135	.000	.010	.06	.18	.10
g. tmcarehrs	599	1.77	3.96	5.29	3.48	.225	.107	.076	.021	5.50	9.07	10.21	8.00	896	742	608	.000	.000	.000	-.25	-.35	-.21
h. tmcommutehrs	596	3.13	3.17	3.17	3.44	.190	.060	.044	.015	4.63	5.11	5.94	5.66	7,775	661	602	.824	.809	.095	-.01	-.01	-.06
17 reading	597	2.55	2.56	2.76	2.66	.044	.013	.008	.003	1.08	1.07	1.10	1.09	7,763	18,681	149,307	.888	.000	.017	-.01	-.19	-.10
— tmreadinghrs	596	5.77	6.26	6.90	6.67	.218	.067	.045	.015	5.31	5.68	6.07	5.88	7,736	647	601	.042	.000	.000	-.09	-.19	-.15

NSSE 2022 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	NSSE 2021 & 2022	Missouri State	Plains Public	Carnegie Class	NSSE 2021 & 2022	Missouri State	Plains Public	Carnegie Class	NSSE 2021 & 2022	Comparisons with:			Comparisons with:			Comparisons with:						
														Plains Public	Carnegie Class	NSSE 2021 & 2022	Plains Public	Carnegie Class	NSSE 2021 & 2022	Plains Public	Carnegie Class	NSSE 2021 & 2022				
18 a. pgwrite	599	2.76	2.76	2.94	2.81	.034	.010	.006	.002	.82	.87	.86	.87	714	18,695	603	.916	.000	.221	.00	-.21	-.05				
b. pgspeak	597	2.83	2.63	2.78	2.65	.035	.011	.007	.002	.87	.93	.93	.93	714	642	601	.000	.144	.000	.21	.06	.19				
c. pgthink	600	3.05	3.03	3.14	3.05	.031	.010	.006	.002	.75	.81	.80	.81	7,763	645	605	.622	.006	.859	.02	-.11	-.01				
d. pganalyze	598	2.51	2.66	2.67	2.67	.037	.011	.007	.002	.91	.94	.96	.94	7,765	642	149,016	.000	.000	.000	-.15	-.17	-.17				
e. pgwork	599	2.58	2.61	2.68	2.57	.038	.011	.007	.003	.92	.94	.97	.97	7,764	18,668	603	.389	.009	.805	-.04	-.11	.01				
f. pgothers	600	2.81	2.72	2.86	2.74	.036	.011	.007	.002	.88	.91	.90	.91	711	18,680	604	.017	.182	.077	.10	-.06	.07				
g. pgvalues	600	2.71	2.64	2.84	2.67	.036	.011	.007	.002	.87	.94	.93	.95	720	18,660	605	.039	.001	.252	.08	-.14	.04				
h. pgdiverse	599	2.90	2.73	2.88	2.78	.034	.011	.007	.002	.84	.93	.93	.94	727	648	604	.000	.545	.000	.19	.02	.13				
i. pgprobsolve	597	2.63	2.61	2.71	2.63	.037	.011	.007	.002	.92	.91	.95	.94	7,753	18,671	149,058	.694	.033	.941	.02	-.09	.00				
j. pgcitizen	601	2.70	2.60	2.73	2.63	.036	.011	.007	.002	.87	.94	.96	.95	722	648	605	.007	.460	.042	.11	-.03	.08				
19 evalexp	601	3.10	3.09	3.16	3.07	.028	.009	.006	.002	.69	.73	.76	.76	7,773	650	606	.898	.027	.282	.01	-.08	.04				
20 sameinst	601	3.21	3.22	3.20	3.16	.030	.009	.006	.002	.73	.75	.82	.79	7,784	650	149,931	.798	.859	.155	-.01	.01	.06				
21 returnexp ^l	601	90%	89%	86%	88%	.0120	.0036	.0025	.0008	--	--	--	--	--	--	--	.429	.004	.045	.03	.13	.09				
22 covidexp	601	3.02	3.00	3.08	3.02	.033	.010	.007	.002	.81	.89	.91	.90	727	651	606	.656	.049	.875	.02	-.07	-.01				

IPEDS: 179566

NSSE 2022 Frequencies and Statistical Comparisons

Detailed Statistics^g

Missouri State University

Seniors

Variable Name	N					Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^l			Significance ^k			Effect size ^e		
	Missouri State	Missouri State	Plains Public	Carnegie Class	NSSE 2021 & 2022	Missouri State	Plains Public	Carnegie Class	NSSE 2021 & 2022	Missouri State	Plains Public	Carnegie Class	NSSE 2021 & 2022	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public	Carnegie Class	NSSE 2021 & 2022	Plains Public	Carnegie Class	NSSE 2021 & 2022	Plains Public	Carnegie Class	NSSE 2021 & 2022
1 a. askquest	1,046	3.06	3.07	3.20	3.02	.027	.009	.005	.002	.87	.87	.85	.89	10,863	26,673	201,596	.756	.000	.103	-.01	-.17	.05
b. CLaskhelp	1,040	2.35	2.22	2.16	2.33	.030	.010	.006	.002	.95	.97	.99	.97	10,813	26,510	200,424	.000	.000	.502	.13	.19	.02
c. CLexplain	1,042	2.53	2.43	2.38	2.54	.028	.010	.006	.002	.91	.94	.99	.95	10,810	1,145	1,052	.001	.000	.747	.11	.15	-.01
d. CLstudy	1,043	2.20	2.12	2.11	2.25	.031	.010	.007	.002	1.00	1.02	1.05	1.03	10,774	1,139	1,054	.015	.002	.170	.08	.09	-.04
e. CLproject	1,042	2.63	2.62	2.57	2.68	.029	.010	.006	.002	.94	.95	1.02	.99	10,742	1,145	1,054	.678	.035	.076	.01	.06	-.05
f. present	1,038	2.42	2.35	2.45	2.48	.030	.010	.006	.002	.96	.94	1.00	.98	10,730	1,133	1,049	.035	.259	.024	.07	-.03	-.07
2 a. RIintegrate	1,032	2.98	2.89	2.89	2.88	.026	.009	.006	.002	.84	.85	.88	.87	1,270	1,128	1,043	.002	.001	.000	.10	.10	.11
b. RISocietal	1,032	2.85	2.77	2.88	2.79	.028	.009	.006	.002	.91	.90	.90	.93	10,612	25,832	1,043	.005	.331	.020	.09	-.03	.07
c. RIDiverse	1,025	2.71	2.61	2.80	2.65	.031	.010	.006	.002	.98	.97	.95	.99	10,554	1,104	193,409	.002	.005	.041	.10	-.09	.06
d. RIownview	1,021	2.92	2.83	2.97	2.86	.027	.009	.005	.002	.86	.83	.83	.85	10,485	1,100	191,751	.001	.087	.022	.11	-.06	.07
e. RIPerspect	1,010	3.07	2.95	3.06	2.98	.026	.008	.005	.002	.81	.81	.80	.83	10,382	25,245	189,180	.000	.537	.001	.15	.02	.11
f. RInewview	1,007	2.99	2.92	3.02	2.96	.025	.008	.005	.002	.81	.80	.80	.81	10,287	24,998	186,851	.007	.338	.220	.09	-.03	.04
g. RIconnect	1,002	3.24	3.20	3.25	3.19	.023	.008	.005	.002	.72	.73	.73	.75	10,184	24,810	185,077	.065	.653	.045	.06	-.01	.06
3 a. SFcareer	1,002	2.55	2.34	2.36	2.36	.031	.010	.007	.002	.97	.99	1.01	1.00	10,180	24,803	184,931	.000	.000	.000	.22	.19	.19
b. SFotherwork	998	1.98	1.86	1.83	1.90	.032	.010	.007	.002	1.03	1.00	1.01	1.02	10,144	24,706	184,116	.000	.000	.011	.12	.15	.08
c. SFdiscuss	990	2.15	2.00	2.01	2.07	.031	.010	.006	.002	.97	.94	.99	.97	1,201	24,493	182,642	.000	.000	.010	.16	.14	.08
d. SFperform	991	2.26	2.12	2.18	2.17	.029	.010	.006	.002	.91	.91	.95	.94	10,088	24,496	182,631	.000	.005	.001	.16	.09	.10
4 a. memorize	984	2.81	2.67	2.67	2.74	.028	.009	.006	.002	.88	.89	.92	.90	1,212	1,076	994	.000	.000	.008	.15	.15	.08
b. HOapply	984	3.03	3.05	3.11	3.06	.026	.008	.005	.002	.80	.79	.80	.81	10,024	1,068	180,722	.365	.001	.245	-.03	-.10	-.04
c. HOanalyze	982	3.00	2.99	3.08	3.03	.027	.009	.005	.002	.85	.81	.82	.83	9,940	24,042	179,004	.690	.004	.291	.01	-.10	-.03
d. HOevaluate	981	2.98	2.93	3.07	2.96	.027	.009	.005	.002	.86	.84	.82	.86	9,893	23,978	178,115	.077	.001	.576	.06	-.11	.02
e. HOform	974	2.95	2.95	3.06	2.98	.026	.009	.005	.002	.81	.80	.81	.83	9,852	23,876	177,217	.835	.000	.177	-.01	-.14	-.04
5 a. ETgoals	975	3.16	3.11	3.19	3.12	.025	.009	.005	.002	.77	.80	.80	.81	9,817	1,067	986	.097	.218	.131	.06	-.04	.05
b. ETorganize	972	3.06	3.05	3.11	3.03	.026	.009	.006	.002	.80	.83	.86	.86	9,782	1,071	984	.545	.054	.216	.02	-.06	.04
c. ETexample	971	3.06	3.05	3.07	3.06	.026	.009	.006	.002	.82	.83	.88	.86	9,776	1,068	982	.935	.513	.968	.00	-.02	.00
d. ETdraftfb	972	2.78	2.80	2.93	2.82	.030	.010	.006	.002	.93	.97	.96	.97	9,763	23,637	983	.691	.000	.304	-.01	-.15	-.03
e. ETfeedback	970	2.82	2.83	2.96	2.82	.029	.010	.006	.002	.91	.90	.92	.93	9,724	23,525	174,366	.742	.000	.992	-.01	-.15	.00
f. etcriteria	972	3.04	3.06	3.15	3.05	.027	.009	.006	.002	.83	.83	.85	.85	9,707	1,060	173,638	.488	.000	.666	-.02	-.12	-.01
g. etreview	971	3.04	3.03	3.10	3.04	.025	.009	.006	.002	.78	.81	.84	.83	9,677	1,070	983	.716	.032	.891	.01	-.07	.00
h. etprefer	971	2.75	2.75	2.84	2.74	.028	.010	.006	.002	.87	.89	.92	.92	9,671	23,381	982	.864	.004	.600	.01	-.09	.02
i. etdemonstrate	970	3.12	3.16	3.20	3.14	.025	.008	.005	.002	.79	.78	.81	.82	9,664	1,060	981	.077	.002	.443	-.06	-.10	-.02

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Missouri State University

Seniors

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	NSSE 2021 & 2022	Missouri State	Plains Public	Carnegie Class	NSSE 2021 & 2022	Missouri State	Plains Public	Carnegie Class	NSSE 2021 & 2022	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public	Carnegie Class	NSSE 2021 & 2022	Plains Public	Carnegie Class	NSSE 2021 & 2022	Plains Public	Carnegie Class	NSSE 2021 & 2022
6 a. QRconclude	962	2.56	2.64	2.68	2.67	.029	.010	.006	.002	.91	.90	.93	.92	9,582	23,061	170,132	.012	.000	.000	-.09	-.12	-.12
b. QRproblem	965	2.40	2.46	2.52	2.49	.031	.010	.007	.002	.96	.94	.97	.97	9,540	22,985	169,472	.036	.000	.002	-.07	-.13	-.10
c. QRevaluate	962	2.39	2.43	2.47	2.47	.030	.010	.006	.002	.93	.91	.94	.94	9,513	22,872	168,772	.314	.017	.016	-.03	-.08	-.08
7 a. wrshortnum	959	5.92	7.51	8.93	7.55	.193	.073	.049	.016	5.97	6.73	7.27	6.67	1,248	1,086	971	.000	.000	.000	-.24	-.42	-.24
b. wrmednum	958	2.64	3.15	4.25	3.52	.135	.046	.035	.011	4.18	4.25	5.16	4.56	1,190	1,089	970	.000	.000	.000	-.12	-.31	-.19
c. wrlongnum	960	1.40	1.59	2.26	1.97	.107	.038	.030	.010	3.33	3.50	4.38	3.93	9,493	1,110	974	.102	.000	.000	-.06	-.20	-.14
— wrpages	954	59.15	71.13	93.94	79.77	2.877	.978	.753	.245	88.85	90.01	110.72	99.69	9,416	1,088	967	.000	.000	.000	-.13	-.32	-.21
8 a. DDrace	959	2.84	2.85	2.97	2.98	.029	.010	.006	.002	.90	.95	.95	.95	1,209	22,727	167,835	.648	.000	.000	-.01	-.14	-.15
b. DDeconomic	956	2.94	2.88	2.96	2.96	.028	.010	.006	.002	.85	.90	.92	.91	1,207	1,055	967	.080	.311	.481	.06	-.03	-.02
c. DDreligion	957	2.87	2.84	2.80	2.86	.029	.010	.007	.002	.89	.95	.98	.96	1,212	1,060	969	.285	.010	.688	.03	.08	.01
d. DDpolitical	958	2.92	2.84	2.83	2.82	.028	.010	.007	.002	.88	.94	.96	.96	1,214	1,059	970	.011	.001	.001	.08	.10	.10
e. ddsexorient	955	2.76	2.71	2.62	2.76	.030	.015	.008	.003	.93	.97	1.03	.99	1,472	1,090	974	.117	.000	.995	.06	.13	.00
f. ddcountry	957	2.47	2.51	2.52	2.59	.030	.015	.008	.003	.94	.95	.99	.99	5,060	1,080	975	.189	.094	.000	-.05	-.05	-.12
9 a. LSreading	955	3.03	3.03	3.15	3.07	.026	.009	.005	.002	.81	.82	.80	.82	9,444	1,037	166,611	.782	.000	.087	-.01	-.16	-.06
b. LSnotes	953	2.90	2.82	2.94	2.88	.029	.010	.006	.002	.90	.93	.94	.93	1,195	22,596	964	.011	.219	.623	.08	-.04	.02
c. LSsummary	953	2.92	2.85	2.99	2.89	.028	.010	.006	.002	.87	.88	.88	.89	1,185	22,578	166,424	.017	.010	.400	.08	-.08	.03
10 challenge	949	5.31	5.50	5.70	5.51	.044	.015	.009	.003	1.35	1.33	1.35	1.36	9,368	22,424	165,357	.000	.000	.000	-.14	-.29	-.15
11 a. intern ^l	954	48%	43%	42%	44%	.0162	.0054	.0034	.0012	--	--	--	--	--	--	--	.010	.000	.032	.09	.12	.07
b. leader ^l	954	31%	30%	27%	30%	.0150	.0050	.0030	.0011	--	--	--	--	--	--	--	.672	.004	.732	.01	.09	.01
c. learncom ^l	949	21%	20%	21%	21%	.0132	.0044	.0028	.0010	--	--	--	--	--	--	--	.634	.862	.980	.02	.01	.00
d. abroad ^l	952	6%	6%	7%	8%	.0079	.0027	.0017	.0007	--	--	--	--	--	--	--	.951	.554	.091	.00	-.02	-.06
e. research ^l	951	16%	18%	17%	21%	.0120	.0042	.0026	.0010	--	--	--	--	--	--	--	.217	.375	.001	-.04	-.03	-.11
f. capstone ^l	946	38%	43%	42%	43%	.0158	.0054	.0034	.0012	--	--	--	--	--	--	--	.001	.016	.001	-.11	-.08	-.11
12 servcourse	939	1.93	1.71	1.84	1.74	.023	.008	.005	.002	.69	.73	.77	.74	1,185	1,044	950	.000	.000	.000	.29	.12	.25
13 a. QIstudent	920	5.43	5.59	5.67	5.55	.047	.015	.010	.004	1.42	1.34	1.39	1.40	1,113	21,223	157,739	.002	.000	.009	-.11	-.17	-.09
b. QIadvisor	937	5.52	5.43	5.49	5.32	.055	.019	.012	.004	1.70	1.70	1.71	1.75	9,183	21,551	160,460	.108	.523	.000	.06	.02	.12
c. QIfaculty	932	5.41	5.52	5.69	5.50	.046	.015	.010	.004	1.41	1.38	1.40	1.44	9,196	21,734	161,320	.018	.000	.057	-.08	-.20	-.06
d. QIstaff	734	5.05	5.14	5.24	5.04	.061	.021	.014	.005	1.66	1.67	1.74	1.76	7,143	807	743	.149	.003	.832	-.06	-.11	.01
e. QIadmin	875	5.17	5.24	5.30	5.05	.055	.019	.012	.005	1.62	1.62	1.72	1.74	8,487	965	886	.272	.027	.022	-.04	-.07	.07

NSSE 2022 Frequencies and Statistical Comparisons

Detailed Statistics^g

Missouri State University

Seniors

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	NSSE 2021 & 2022	Missouri State	Plains Public	Carnegie Class	NSSE 2021 & 2022	Missouri State	Plains Public	Carnegie Class	NSSE 2021 & 2022	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public	Carnegie Class	NSSE 2021 & 2022	Plains Public	Carnegie Class	NSSE 2021 & 2022	Plains Public	Carnegie Class	NSSE 2021 & 2022
14 a. empstudy	944	3.07	3.07	3.10	3.12	.024	.008	.005	.002	.74	.76	.78	.77	9,291	1,040	956	.805	.195	.027	-.01	-.04	-.07
b. SEacademic	941	2.86	2.85	2.93	2.88	.028	.009	.006	.002	.87	.86	.90	.89	9,280	22,055	162,757	.799	.016	.578	.01	-.08	-.02
c. SElearnsup	939	2.74	2.77	2.88	2.82	.032	.010	.007	.002	.98	.94	.96	.96	1,141	1,021	162,574	.439	.000	.019	-.03	-.14	-.08
d. SEdiverse	942	2.65	2.53	2.63	2.60	.031	.011	.007	.002	.94	.97	1.02	1.00	1,180	1,041	954	.000	.445	.087	.13	.02	.05
e. SEsocial	942	2.85	2.69	2.74	2.74	.029	.010	.007	.002	.89	.91	.98	.95	1,177	1,046	953	.000	.000	.000	.18	.12	.12
f. SEwellness	939	2.80	2.65	2.66	2.68	.030	.010	.007	.002	.91	.94	1.00	.97	1,176	1,042	950	.000	.000	.000	.17	.14	.13
g. SENonacad	938	2.16	2.07	2.19	2.11	.033	.011	.007	.003	1.01	.97	1.04	1.00	1,141	1,027	161,837	.015	.298	.144	.09	-.03	.05
h. SEactivities	935	2.58	2.41	2.42	2.50	.031	.011	.007	.003	.94	1.00	1.08	1.02	1,186	1,047	947	.000	.000	.013	.16	.15	.08
i. SEevents	939	2.36	2.21	2.27	2.29	.031	.010	.007	.002	.95	.95	1.03	.99	9,217	1,039	161,548	.000	.003	.043	.16	.09	.07
15 a. sbmyself	939	3.29	3.30	3.32	3.28	.022	.008	.005	.002	.66	.70	.73	.73	9,221	1,043	951	.802	.164	.506	-.01	-.04	.02
b. sbvalued	938	2.96	2.95	3.05	2.92	.026	.009	.006	.002	.80	.82	.84	.86	9,213	1,032	950	.564	.001	.103	.02	-.11	.05
c. sbcommunity	940	2.93	2.95	3.02	2.93	.027	.009	.006	.002	.82	.81	.84	.85	9,227	21,898	161,660	.667	.003	.962	-.01	-.10	.00
16 a. tmprephrs	936	13.58	15.49	15.92	15.93	.273	.097	.061	.022	8.35	8.79	8.83	8.93	1,181	1,031	948	.000	.000	.000	-.22	-.27	-.26
b. tmcocurrhrs	938	4.44	4.10	4.23	4.48	.224	.075	.049	.018	6.85	6.77	7.14	7.00	9,195	21,784	160,898	.154	.387	.855	.05	.03	-.01
c. tmworkonhrs	938	2.81	2.85	2.50	3.00	.235	.072	.043	.017	7.21	6.56	6.17	6.63	9,198	999	160,967	.855	.194	.390	-.01	.05	-.03
d. tmworkoffhrs	939	17.93	15.68	15.04	13.49	.421	.151	.098	.034	12.91	13.69	14.12	13.49	1,192	1,042	950	.000	.000	.000	.17	.21	.33
— tmworkhrs	937	20.75	18.50	17.51	16.46	.419	.148	.099	.034	12.81	13.47	14.33	13.74	1,184	1,044	948	.000	.000	.000	.17	.23	.31
e. tmservicehrs	935	3.18	2.62	3.48	2.90	.182	.056	.042	.014	5.58	5.09	6.09	5.52	1,118	1,037	160,852	.004	.103	.129	.11	-.05	.05
f. tmrelaxhrs	936	11.53	11.01	10.00	10.98	.268	.090	.056	.021	8.21	8.19	8.05	8.30	9,192	21,767	160,860	.066	.000	.044	.06	.19	.07
g. tmcarehrs	935	5.93	7.45	9.46	6.73	.363	.134	.091	.029	11.11	12.20	13.18	11.47	1,205	1,056	946	.000	.000	.029	-.13	-.27	-.07
h. tmcommutehrs	935	4.34	3.22	3.29	3.98	.168	.055	.040	.014	5.13	5.03	5.75	5.80	1,146	21,772	948	.000	.000	.034	.22	.18	.06
17 reading	931	2.66	2.74	2.93	2.82	.037	.012	.008	.003	1.12	1.12	1.15	1.17	9,169	21,710	160,456	.037	.000	.000	-.07	-.23	-.14
— tmreadinghrs	927	6.05	7.10	8.06	7.56	.188	.069	.048	.017	5.73	6.23	6.86	6.59	1,188	1,049	941	.000	.000	.000	-.17	-.30	-.23

NSSE 2022 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	NSSE 2021 & 2022	Missouri State	Plains Public	Carnegie Class	NSSE 2021 & 2022	Missouri State	Plains Public	Carnegie Class	NSSE 2021 & 2022	Plains Public	Carnegie Class	NSSE 2021 & 2022	Plains Public	Carnegie Class	NSSE 2021 & 2022	Plains Public	Carnegie Class	NSSE 2021 & 2022				
18 a. pgwrite	937	2.95	2.98	3.15	3.03	.029	.010	.006	.002	.89	.88	.86	.88	9,185	21,766	160,705	.469	.000	.009	-.02	-.23	-.09				
b. pgspeak	937	2.90	2.84	2.99	2.91	.030	.010	.006	.002	.91	.92	.93	.93	9,179	21,716	160,515	.082	.005	.653	.06	-.09	-.01				
c. pgthink	934	3.23	3.25	3.33	3.29	.025	.009	.005	.002	.78	.78	.77	.79	9,171	1,018	945	.324	.000	.020	-.03	-.14	-.07				
d. pganalyze	933	2.84	2.87	2.89	2.92	.030	.010	.007	.002	.92	.94	.98	.96	9,171	1,028	160,506	.239	.088	.007	-.04	-.05	-.09				
e. pgwork	936	3.00	2.98	3.04	2.94	.029	.010	.006	.002	.89	.93	.94	.96	1,180	1,031	948	.625	.152	.033	.02	-.05	.06				
f. pgothers	935	3.00	2.97	3.07	3.02	.029	.010	.006	.002	.87	.88	.91	.90	9,159	1,027	160,524	.281	.029	.648	.04	-.07	-.01				
g. pgvalues	932	2.83	2.81	3.03	2.86	.032	.011	.007	.002	.97	.97	.94	.98	9,160	1,011	160,417	.453	.000	.435	.03	-.21	-.03				
h. pgdiverse	936	2.93	2.81	2.96	2.88	.030	.011	.007	.002	.92	.96	.96	.97	1,178	21,703	947	.000	.290	.121	.12	-.04	.05				
i. pgprobsolve	934	2.85	2.84	2.93	2.86	.030	.010	.007	.002	.92	.93	.95	.95	9,162	21,725	160,479	.804	.006	.658	.01	-.09	-.01				
j. pgcitizen	932	2.80	2.70	2.87	2.75	.031	.011	.007	.002	.96	.98	.98	.99	1,164	21,731	943	.002	.059	.097	.10	-.06	.05				
19 evalexp	934	3.14	3.20	3.28	3.19	.025	.008	.005	.002	.77	.77	.79	.80	9,174	1,023	945	.023	.000	.065	-.08	-.18	-.06				
20 sameinst	936	3.18	3.22	3.24	3.18	.026	.009	.006	.002	.78	.81	.86	.85	1,172	1,039	948	.151	.013	.811	-.05	-.08	-.01				
21 covidexp	932	3.06	3.02	3.05	3.01	.029	.010	.007	.002	.88	.90	.95	.93	9,173	1,031	161,144	.199	.988	.138	.04	.00	.05				

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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."