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# NSSE 2020

## Frequencies and Statistical Comparisons

University of Central Missouri

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# NSSE 2020 Frequencies and Statistical Comparisons

## About This Report

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

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

**Note:** Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: [go.iu.edu/NSSE-weights](https://go.iu.edu/NSSE-weights)

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

### NSSE Frequencies and Statistical Comparisons

#### NSSEville State University

Seniors ← 1

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				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 <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	3	0	244	2	54	2	6,952	3	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
		2	Sometimes	197	20	4,397	27	845	29	75,222	33								
		3	Often	112	33	5,947	37	1,086	38	81,724	35								
		4	Very often	280	46	5,440	34	889	31	66,983	29								
			Total	630	100	16,028	100	2,874	100	230,881	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
		2	Sometimes	267	42	5,959	37	978	34	79,495	34								
		3	Often	164	26	4,548	29	88	3	67,348	29								
		4	Very often	113	19	2,722	20	52	2	47,208	21								
			Total	626	100	15,118	100	2,858	100	229,541	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6	3.1	3.1	.02	3.1	-.04	3.0	.06	
		2	Sometimes	56	9	1,666	11	262	10	28,134	13								
		3	Often	384	63	9,147	57	1,586	57	128,802	56								
		4	Very often	150	24	4,267	27	851	29	58,873	26								
			Total	615	100	15,858	100	2,833	100	228,352	100								

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

8. **Key to symbols:**

- ▲ Your students' average was significantly higher ( $p < .05$ ) with an effect size at least .3 in magnitude.
- △ Your students' average was significantly higher ( $p < .05$ ) with an effect size less than .3 in magnitude.
- ▽ Your students' average was significantly lower ( $p < .05$ ) with an effect size less than .3 in magnitude.
- ▼ Your students' average was significantly lower ( $p < .05$ ) with an effect size at least .3 in magnitude.

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri		Plains Public		Carnegie Class		Small Peer	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>1. During the current school year, about how often have you done the following?</b>																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	10	4	680	4	2,525	4	119	4	<b>2.7</b>	2.7	-.04	2.8	-.10	2.7	-.05	
		2	Sometimes	121	41	7,074	40	23,592	37	1,345	39								
		3	Often	116	38	6,059	35	22,088	35	1,279	38								
		4	Very often	57	18	3,568	21	14,590	24	672	20								
		Total		304	100	17,381	100	62,795	100	3,415	100								
b. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	11	3	868	5	2,754	4	167	5	<b>3.1</b>	3.0	.07	3.1	-.05	3.1	.03	
		2	Often	38	14	2,370	14	6,614	11	427	12								
		3	Sometimes	167	55	9,635	55	33,275	53	1,889	55								
		4	Never	87	28	4,485	26	19,914	32	934	28								
		Total		303	100	17,358	100	62,557	100	3,417	100								
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	132	45	7,791	46	27,898	47	1,465	44	<b>1.8</b>	1.8	.03	1.8	.04	1.8	-.01	
		2	Sometimes	103	35	6,242	35	22,171	34	1,263	37								
		3	Often	44	14	2,127	12	7,960	12	425	12								
		4	Very often	22	7	1,178	7	4,361	7	262	8								
		Total		301	100	17,338	100	62,390	100	3,415	100								
d. Asked another student to help you understand course material	CLaskhelp	1	Never	36	14	1,621	11	7,432	14	238	8	<b>2.5</b>	2.6	-.06	2.5	.05	2.6	-.11	
		2	Sometimes	101	33	6,176	36	23,367	38	1,252	38								
		3	Often	117	39	6,420	36	21,293	33	1,298	37								
		4	Very often	47	15	3,093	17	10,228	15	620	17								
		Total		301	100	17,310	100	62,320	100	3,408	100								
e. Explained course material to one or more students	CLexplain	1	Never	20	8	1,012	7	5,553	10	147	5	<b>2.6</b>	2.7	-.09	2.6	.01	2.7 **	-.16	
		2	Sometimes	118	38	6,381	37	22,949	38	1,202	36								
		3	Often	120	41	6,901	39	23,245	36	1,399	41								
		4	Very often	41	13	2,981	17	10,371	16	652	19								
		Total		299	100	17,275	100	62,118	100	3,400	100								
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	48	17	2,602	16	11,302	20	423	13	<b>2.4</b>	2.5	-.10	2.4	.00	2.5 *	-.14	
		2	Sometimes	120	40	5,872	34	21,149	35	1,207	36								
		3	Often	89	30	5,536	31	18,730	29	1,154	33								
		4	Very often	39	14	3,194	18	10,620	16	605	17								
		Total		296	100	17,204	100	61,801	100	3,389	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Worked with other students on course projects or assignments	CLproject	1	Never	24	9	1,476	9	6,942	13	182	6	<b>2.6</b>	2.6	-.07	2.6	.00	2.7 **	-0.17	
		2	Sometimes	117	38	6,248	37	21,478	36	1,250	37								
		3	Often	116	40	6,479	37	22,124	35	1,321	39								
		4	Very often	38	12	2,935	17	10,865	17	624	18								
		Total		295	100	17,138	100	61,409	100	3,377	100								
h. Given a course presentation	present	1	Never	67	23	4,112	25	11,519	20	460	14	<b>2.2</b>	2.2	.04	2.3 **	-.15	2.4 ***	-.24	
		2	Sometimes	132	45	7,620	44	24,911	40	1,437	43								
		3	Often	70	24	4,010	23	17,304	28	1,044	30								
		4	Very often	26	9	1,379	8	7,608	12	432	12								
		Total		295	100	17,121	100	61,342	100	3,373	100								
<b>2. During the current school year, about how often have you done the following?</b>																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	27	11	1,339	8	5,521	10	236	7	<b>2.6</b>	2.6	.05	2.6	.05	2.6	-.01	
		2	Sometimes	92	33	6,988	41	23,943	40	1,332	40								
		3	Often	124	43	6,443	38	22,253	36	1,269	38								
		4	Very often	40	13	2,148	13	8,716	14	507	15								
		Total		283	100	16,918	100	60,433	100	3,344	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	30	11	1,644	11	5,903	11	275	9	<b>2.6</b>	2.5	.07	2.6	.00	2.5	.02	
		2	Sometimes	104	38	7,142	42	23,228	39	1,381	42								
		3	Often	98	33	5,851	34	21,389	35	1,197	35								
		4	Very often	49	17	2,156	13	9,445	16	464	14								
		Total		281	100	16,793	100	59,965	100	3,317	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	51	20	2,138	14	6,806	12	342	11	<b>2.4</b>	2.4	-.07	2.5 **	-.17	2.5 *	-.15	
		2	Sometimes	99	38	6,856	41	22,376	38	1,318	41								
		3	Often	77	27	5,456	32	20,217	34	1,162	34								
		4	Very often	49	16	2,239	13	10,007	16	475	14								
		Total		276	100	16,689	100	59,406	100	3,297	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	14	5	842	5	2,826	5	138	4	<b>2.7</b>	2.7	.01	2.8	-.05	2.8	-.05	
		2	Sometimes	91	33	5,697	34	19,048	32	1,077	33								
		3	Often	127	46	7,453	45	26,096	44	1,508	46								
		4	Very often	42	16	2,582	16	10,755	19	563	17								
		Total		274	100	16,574	100	58,725	100	3,286	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	3	1	465	3	1,683	3	76	3	<b>3.0</b>	2.9 *	.13	2.9	.06	2.9	.08	
		2	Sometimes	73	28	4,862	30	15,198	27	877	27								
		3	Often	120	44	7,538	45	27,011	46	1,576	48								
		4	Very often	71	26	3,532	21	13,982	24	727	22								
		Total		267	100	16,397	100	57,874	100	3,256	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	8	4	451	3	1,559	3	93	3	<b>2.8</b>	2.8	-.03	2.9	-.10	2.8	-.05	
		2	Sometimes	85	34	5,252	33	16,951	30	1,000	32								
		3	Often	118	44	7,513	46	26,145	45	1,489	46								
		4	Very often	49	18	3,034	18	12,342	21	641	19								
		Total		260	100	16,250	100	56,997	100	3,223	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	4	2	212	1	823	2	37	1	<b>2.9</b>	3.0	-.08	3.0	-.10	3.0	-.10	
		2	Sometimes	62	26	3,471	22	12,198	22	693	22								
		3	Often	126	48	8,444	52	28,005	49	1,636	50								
		4	Very often	65	24	3,965	25	15,246	27	848	26								
		Total		257	100	16,092	100	56,272	100	3,214	100								
<b>3. During the current school year, about how often have you done the following?</b>																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	39	16	2,472	16	10,539	20	446	15	<b>2.5</b>	2.4 *	.14	2.3 **	.19	2.4	.09	
		2	Sometimes	94	35	7,135	45	23,688	42	1,360	43								
		3	Often	77	32	4,388	27	14,115	24	940	28								
		4	Very often	46	16	2,107	13	7,888	13	453	14								
		Total		256	100	16,102	100	56,230	100	3,199	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	105	40	7,169	45	27,166	50	1,389	43	<b>1.9</b>	1.8	.09	1.8 *	.14	1.9	.03	
		2	Sometimes	87	34	5,385	33	16,996	30	1,049	33								
		3	Often	43	19	2,550	16	8,017	14	521	17								
		4	Very often	18	6	968	6	3,815	7	232	7								
		Total		253	100	16,072	100	55,994	100	3,191	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	65	26	5,143	32	18,115	34	957	30	<b>2.1</b>	2.0 *	.15	2.0 *	.13	2.0	.08	
		2	Sometimes	115	46	7,016	44	22,681	40	1,376	43								
		3	Often	53	20	2,876	18	10,481	18	655	21								
		4	Very often	21	8	909	6	4,179	7	198	6								
		Total		254	100	15,944	100	55,456	100	3,186	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Discussed your academic performance with a faculty member	SFperform	1	Never	53	22	4,079	26	13,386	25	660	21	2.2	2.1 **	.19	2.2	.11	2.2	.07	
		2	Sometimes	102	40	7,488	47	24,271	44	1,495	47								
		3	Often	72	29	3,288	21	12,561	22	774	24								
		4	Very often	24	9	1,089	7	5,199	9	248	8								
		Total		251	100	15,944	100	55,417	100	3,177	100								
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																			
a. Memorizing course material	memorize	1	Very little	6	3	479	3	1,814	4	80	3	2.8	2.9	-.06	2.9	-.07	3.0 *	-.16	
		2	Some	73	29	4,122	27	14,157	26	721	24								
		3	Quite a bit	119	48	7,591	47	25,501	46	1,475	47								
		4	Very much	52	20	3,686	22	13,543	24	893	26								
		Total		250	100	15,878	100	55,015	100	3,169	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	10	5	459	3	1,989	4	95	3	2.8	2.9	-.10	2.9	-.08	2.9	-.09	
		2	Some	73	30	4,284	27	14,924	28	839	27								
		3	Quite a bit	114	47	7,627	48	25,556	46	1,551	49								
		4	Very much	50	19	3,450	22	12,222	22	669	20								
		Total		247	100	15,820	100	54,691	100	3,154	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	14	6	536	4	2,036	4	102	3	2.8	2.8	-.02	2.9	-.08	2.9	-.05	
		2	Some	71	30	4,734	30	14,821	28	895	29								
		3	Quite a bit	101	42	7,119	45	24,420	45	1,436	46								
		4	Very much	55	22	3,291	21	12,789	23	693	22								
		Total		241	100	15,680	100	54,066	100	3,126	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	10	4	690	4	1,812	4	110	3	2.8	2.8	.07	2.9	-.08	2.8	.01	
		2	Some	66	29	4,799	31	13,865	26	882	29								
		3	Quite a bit	110	45	7,139	45	25,132	46	1,465	47								
		4	Very much	54	22	2,988	19	12,982	24	655	20								
		Total		240	100	15,616	100	53,791	100	3,112	100								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	12	6	584	4	1,848	4	109	4	2.8	2.8	-.04	2.9	-.13	2.9	-.09	
		2	Some	70	31	4,632	30	14,118	27	870	29								
		3	Quite a bit	106	43	7,322	47	25,143	47	1,446	46								
		4	Very much	50	20	3,031	19	12,456	23	682	22								
		Total		238	100	15,569	100	53,565	100	3,107	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	
<b>5. During the current school year, to what extent have your instructors done the following?</b>																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	4	2	301	2	1,116	2	60	2	<b>3.1</b>	3.0	.05	3.1	.01	3.0	.09
		2	Some	50	21	3,356	22	11,041	21	702	23							
		3	Quite a bit	109	47	7,441	48	24,111	45	1,476	48							
		4	Very much	72	30	4,385	29	16,893	32	851	27							
		Total		235	100	15,483	100	53,161	100	3,089	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	8	4	612	4	2,426	5	122	4	<b>3.0</b>	3.0	.03	3.0	.02	2.9	.07
		2	Some	50	21	3,423	22	11,796	22	718	24							
		3	Quite a bit	112	49	7,410	48	23,524	44	1,475	47							
		4	Very much	64	27	3,995	26	15,230	29	770	25							
		Total		234	100	15,440	100	52,976	100	3,085	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	11	5	512	3	1,968	4	114	4	<b>2.9</b>	3.0	-.10	3.0	-.12	2.9	-.05
		2	Some	69	30	3,532	23	11,870	23	760	25							
		3	Quite a bit	90	37	7,048	45	22,345	42	1,366	44							
		4	Very much	66	29	4,331	28	16,677	31	841	27							
		Total		236	100	15,423	100	52,860	100	3,081	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	18	8	1,341	9	3,419	7	241	8	<b>2.7</b>	2.7	.03	2.9 *	-.14	2.7	.00
		2	Some	72	32	5,146	33	14,820	28	1,029	34							
		3	Quite a bit	96	39	5,722	37	19,946	37	1,145	37							
		4	Very much	48	21	3,181	21	14,567	28	657	22							
		Total		234	100	15,390	100	52,752	100	3,072	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	15	6	1,475	10	4,165	8	319	10	<b>2.8</b>	2.6 *	.12	2.8	-.02	2.6 *	.13
		2	Some	73	32	5,363	34	16,060	30	1,034	33							
		3	Quite a bit	102	43	5,812	38	19,976	38	1,168	38							
		4	Very much	44	19	2,712	18	12,415	24	543	18							
		Total		234	100	15,362	100	52,616	100	3,064	100							

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Central Missouri				Plains Public				Carnegie Class				Small Peer				Central Missouri				Plains Public				Carnegie Class				Small Peer			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>									
<b>6. During the current school year, about how often have you done the following?</b>																																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	19	8	1,504	9	5,689	11	324	10	2.6	2.6	.06	2.6	.06	2.6	.07																	
		2	Sometimes	83	35	6,055	39	19,854	38	1,192	39																								
		3	Often	101	46	5,672	38	18,849	37	1,111	37																								
		4	Very often	26	12	2,006	14	7,515	15	408	14																								
		Total		229	100	15,237	100	51,907	100	3,035	100																								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	47	19	2,924	19	9,963	19	517	17	2.4	2.3	.06	2.3	.03	2.3	.02																	
		2	Sometimes	83	37	6,355	42	21,026	40	1,295	42																								
		3	Often	70	33	4,433	30	14,892	29	907	31																								
		4	Very often	26	11	1,447	10	5,705	11	298	10																								
		Total		226	100	15,159	100	51,586	100	3,017	100																								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	46	18	2,638	17	9,826	19	514	16	2.3	2.3	-.02	2.3	-.01	2.3	-.06																	
		2	Sometimes	96	45	6,656	44	21,749	42	1,334	44																								
		3	Often	61	27	4,571	31	14,829	29	879	30																								
		4	Very often	22	10	1,268	9	5,032	10	285	10																								
		Total		225	100	15,133	100	51,436	100	3,012	100																								
<b>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.)</b>																																			
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	17	7	1,282	9	3,109	6	212	7	5.9	6.0	-.02	6.4	-.08	5.9	.01																	
		1.5	1-2	51	21	3,485	23	10,493	20	729	24																								
		4	3-5	69	33	4,677	31	17,185	34	994	33																								
		8	6-10	55	25	3,094	21	11,528	22	604	21																								
		13	11-15	21	9	1,395	9	4,837	9	280	9																								
		18	16-20	6	3	613	4	1,959	4	98	3																								
		23	More than 20	4	2	543	4	2,170	4	88	3																								
		Total		223	100	15,089	100	51,281	100	3,005	100																								
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	105	45	6,368	42	18,863	36	1,092	36	2.2	2.0	.05	2.4	-.05	2.1	.03																	
		1.5	1-2	74	32	5,274	35	18,240	35	1,205	40																								
		4	3-5	23	11	2,170	15	8,765	17	474	16																								
		8	6-10	12	5	817	6	3,699	8	150	5																								
		13	11-15	7	5	271	2	964	2	48	2																								
		18	16-20	1	0	72	1	287	1	7	0																								
		23	More than 20	1	1	68	0	312	1	18	1																								
Total		223	100	15,040	100	51,130	100	2,994	100																										

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



# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. 11 pages or more	wrlongnum	0	None	188	82	12,045	79	39,343	76	2,341	78	<b>.8</b>	.9	-.02	1.0	-.07	.9	-.02	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	19	9	1,990	13	7,375	15	444	15								
		4	3-5	8	4	443	3	1,968	4	96	3								
		8	6-10	4	2	257	2	1,170	3	49	2								
		13	11-15	3	2	215	2	809	2	42	1								
		18	16-20	1	1	53	0	193	0	3	0								
		23	More than 20	0	0	65	0	301	1	17	1								
		Total			223	100	15,068	100	51,159	100	2,992	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.)									<b>47.2</b>	46.5	.01	52.8	-.07	47.0	.00	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	9	4	754	5	2,987	6	128	5	<b>3.0</b>	2.9 *	.14	3.0	.04	3.0	.06	
		2	Sometimes	57	28	4,550	30	13,004	25	817	27								
		3	Often	67	30	5,119	34	16,389	32	1,040	35								
		4	Very often	87	38	4,620	31	18,682	36	1,006	33								
			Total	220	100	15,043	100	51,062	100	2,991	100								
b. People from an economic background other than your own	DDeconomic	1	Never	10	5	612	4	2,930	6	110	4	<b>3.0</b>	2.9	.05	3.0	.03	3.0	-.01	
		2	Sometimes	58	26	3,976	27	12,672	25	711	24								
		3	Often	75	34	5,950	39	18,287	36	1,196	40								
		4	Very often	77	35	4,481	30	17,003	33	968	32								
			Total	220	100	15,019	100	50,892	100	2,985	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	12	6	824	6	4,071	8	146	5	<b>2.8</b>	2.9	-.08	2.9	-.03	3.0	-.12	
		2	Sometimes	79	36	4,047	28	14,096	28	758	26								
		3	Often	53	24	5,523	36	16,478	32	1,116	37								
		4	Very often	76	33	4,624	31	16,261	32	973	32								
			Total	220	100	15,018	100	50,906	100	2,993	100								
d. People with political views other than your own	DDpolitical	1	Never	15	8	780	5	4,341	9	124	4	<b>2.9</b>	2.9	-.06	2.8	.06	3.0	-.11	
		2	Sometimes	62	28	3,939	27	14,752	29	729	25								
		3	Often	68	31	5,485	36	16,521	32	1,136	37								
		4	Very often	75	33	4,817	32	15,320	30	1,001	33								
			Total	220	100	15,021	100	50,934	100	2,990	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	
<b>9. During the current school year, about how often have you done the following?</b>																		
a. Identified key information from reading assignments	L\$reading	1	Never	8	5	331	2	961	2	58	2	<b>2.8</b>	2.9 *	-0.17	3.0 ***	-0.27	2.9 *	-0.18
		2	Sometimes	70	31	3,891	27	11,486	23	736	26							
		3	Often	100	46	7,216	48	24,192	48	1,474	49							
		4	Very often	42	19	3,525	23	13,925	27	711	23							
			Total	220	100	14,963	100	50,564	100	2,979	100							
b. Reviewed your notes after class	L\$notes	1	Never	11	6	726	5	2,074	5	109	4	<b>2.8</b>	2.8	.00	2.9	-0.10	2.9	-0.04
		2	Sometimes	69	32	4,650	32	13,792	28	897	31							
		3	Often	74	35	5,488	37	18,687	37	1,086	37							
		4	Very often	66	28	4,091	27	15,941	30	888	28							
			Total	220	100	14,955	100	50,494	100	2,980	100							
c. Summarized what you learned in class or from course materials	L\$summary	1	Never	21	9	928	6	2,707	5	165	6	<b>2.7</b>	2.8	-0.06	2.8 *	-0.16	2.8	-0.11
		2	Sometimes	77	34	4,869	33	15,118	30	930	32							
		3	Often	71	33	5,958	40	19,494	39	1,182	40							
		4	Very often	49	23	3,191	21	13,169	26	702	23							
			Total	218	100	14,946	100	50,488	100	2,979	100							
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																		
	challenge	1	Not at all	2	1	110	1	388	1	25	1	<b>5.3</b>	5.4	-0.03	5.4	-0.07	5.3	.00
		2		5	3	133	1	529	1	33	1							
		3		15	7	674	5	2,181	5	140	5							
		4		25	11	1,796	12	6,172	13	355	12							
		5		64	30	5,443	36	17,017	33	1,043	36							
		6		57	26	3,883	26	12,245	24	799	27							
		7	Very much	50	22	2,845	19	11,633	23	564	18							
			Total	218	100	14,884	100	50,165	100	2,959	100							
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern		Have not decided	32	14	1,953	14	7,446	16	420	15	<b>6%</b>	7%	-0.04	7%	-0.02	6%	-0.01
	(Means indicate the percentage who responded "Done or in progress.")		Do not plan to do	12	7	819	6	3,141	7	151	6							
			Plan to do	161	73	11,037	73	36,211	70	2,205	73							
			Done or in progress	13	6	1,035	7	3,230	7	183	6							
			Total	218	100	14,844	100	50,028	100	2,959	100							

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
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	57	26	3,995	27	15,085	31	863	29	<b>15%</b>	12%	.10	9% ***	.21	13%	.07
			Do not plan to do	70	33	3,444	24	12,820	27	684	24							
			Plan to do	56	26	5,580	36	17,572	33	1,033	34							
			Done or in progress	35	15	1,808	12	4,426	9	376	13							
			Total	218	100	14,827	100	49,903	100	2,956	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	76	33	4,325	30	17,530	35	1,020	35	<b>10%</b>	16% *	-.18	10%	-.02	11%	-.02
			Do not plan to do	73	35	4,480	31	12,725	27	796	27							
			Plan to do	47	22	3,521	23	14,063	28	810	27							
			Done or in progress	21	10	2,461	16	5,386	10	321	11							
			Total	217	100	14,787	100	49,704	100	2,947	100							
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	56	26	4,403	30	14,715	30	931	31	<b>2%</b>	2%	-.05	2%	-.05	2%	-.04
			Do not plan to do	93	44	4,601	34	15,234	33	943	34							
			Plan to do	65	28	5,437	34	18,541	35	1,011	32							
			Done or in progress	4	2	352	2	1,227	2	66	2							
			Total	218	100	14,793	100	49,717	100	2,951	100							
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	84	38	5,790	39	19,928	40	1,234	42	<b>3%</b>	4%	-.07	4%	-.05	4%	-.03
			Do not plan to do	69	32	3,998	27	12,704	26	806	27							
			Plan to do	58	27	4,313	29	15,002	29	806	27							
			Done or in progress	6	3	676	4	2,064	4	101	4							
			Total	217	100	14,777	100	49,698	100	2,947	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	83	37	5,205	36	17,772	37	1,104	37	<b>5%</b>	2% **	.16	2% **	.15	2% *	.15
			Do not plan to do	35	19	1,839	13	5,775	13	350	12							
			Plan to do	91	39	7,461	50	25,208	49	1,445	48							
			Done or in progress	9	5	265	2	899	2	50	2							
			Total	218	100	14,770	100	49,654	100	2,949	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?	servcourse	1 None	None	119	54	6,692	46	22,276	46	1,090	38	<b>1.6</b>	1.6	-.13	1.7 *	-.16	1.7 ***	-.27
			2 Some	84	38	6,701	45	22,046	44	1,535	51							
			3 Most	11	6	1,133	8	4,188	8	269	9							
			4 All	4	2	204	1	894	2	51	2							
			Total	218	100	14,730	100	49,404	100	2,945	100							

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# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Central Missouri		Plains Public		Carnegie Class		Small Peer		<i>Your first-year students compared with</i>							
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	3	2	168	1	832	2	31	1	<b>5.3</b>	5.5	-.11	5.4	-.06	5.4	-.08	
				5	3	236	2	989	2	49	2								
				10	5	604	4	2,363	5	143	5								
				29	14	1,694	12	6,016	13	375	13								
				63	28	4,193	28	12,892	26	832	28								
				62	26	4,200	28	12,316	24	773	26								
				44	22	3,505	24	12,373	25	720	25								
				1	1	111	1	1,560	3	14	1								
Total				217	100	14,711	100	49,341	100	2,937	100								
b. Academic advisors	QIadvisor	1	Poor	4	2	321	2	1,344	3	74	2	<b>5.7</b>	5.4 *	.16	5.4 **	.19	5.4 *	.17	
				6	4	541	4	1,779	4	116	4								
				11	5	983	7	3,296	7	192	7								
				17	9	1,761	12	6,113	12	338	11								
				34	15	2,979	20	9,742	20	604	21								
				51	24	3,389	23	10,239	21	686	23								
				88	39	4,592	32	15,523	31	902	31								
				5	3	130	1	1,236	3	20	1								
Total				216	100	14,696	100	49,272	100	2,932	100								
c. Faculty	QIfaculty	1	Poor	4	2	167	1	806	2	29	1	<b>5.4</b>	5.4	.03	5.4	.00	5.3	.06	
				5	2	295	2	1,173	2	64	2								
				8	4	746	5	2,597	5	179	6								
				18	9	1,995	13	6,086	12	408	14								
				64	30	4,104	27	12,270	24	821	27								
				68	32	4,188	28	13,098	26	820	28								
				46	20	3,066	22	12,546	26	592	21								
				1	1	120	1	667	2	17	1								
Total				214	100	14,681	100	49,243	100	2,930	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	10	5	324	2	1,628	4	64	2	<b>5.1</b>	5.2	-12	5.2	-08	5.3	-14	
		2		9	5	411	3	1,636	3	83	3								
		3		15	7	925	6	3,024	6	191	7								
		4		31	14	1,985	13	6,019	12	359	13								
		5		39	20	3,327	22	10,052	20	679	23								
		6		44	19	3,414	23	10,108	20	682	23								
		7	Excellent	54	24	3,080	21	11,130	22	646	22								
		—	Not applicable	14	7	1,222	9	5,652	13	228	8								
	Total			216	100	14,688	100	49,249	100	2,932	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	12	7	340	2	1,557	3	66	2	<b>5.0</b>	5.2 *	-15	5.2	-13	5.3 *	-18	
		2		4	2	489	3	1,856	4	87	3								
		3		16	7	944	6	3,375	7	214	7								
		4		27	13	2,062	14	6,450	13	400	13								
		5		46	21	3,350	23	10,575	21	672	23								
		6		50	22	3,391	23	10,355	21	683	23								
		7	Excellent	44	19	3,111	22	11,696	24	659	23								
		—	Not applicable	18	8	1,002	7	3,415	7	147	5								
	Total			217	100	14,689	100	49,279	100	2,928	100								
<b>14. How much does your institution emphasize the following?</b>																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	5	2	189	1	806	2	32	1	<b>3.0</b>	3.0	-08	3.1	-10	3.0	-09	
		2	Some	42	22	2,876	20	9,618	20	554	20								
		3	Quite a bit	109	51	7,597	52	23,647	48	1,493	51								
		4	Very much	59	24	3,989	27	14,953	30	844	27								
			Total			215	100	14,651	100	49,024	100								2,923
b. Providing support to help students succeed academically	SEacademic	1	Very little	6	3	432	3	1,738	4	80	3	<b>3.0</b>	3.0	-02	3.0	-05	3.0	-03	
		2	Some	45	23	3,113	22	9,996	21	611	22								
		3	Quite a bit	101	46	6,683	46	20,256	41	1,295	45								
		4	Very much	64	28	4,367	29	16,904	33	922	30								
			Total			216	100	14,595	100	48,894	100								2,908
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	18	10	773	6	2,654	6	140	5	<b>3.0</b>	3.0	-04	3.1	-10	3.1	-08	
		2	Some	32	16	2,749	19	8,316	18	494	18								
		3	Quite a bit	81	39	5,960	41	17,861	37	1,184	41								
		4	Very much	84	36	5,111	34	20,058	40	1,092	36								
			Total			215	100	14,593	100	48,889	100								2,910

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	34	16	1,564	11	5,182	11	221	8	<b>2.6</b>	2.7 *	-0.15	2.8 **	-0.21	2.8 ***	-0.29
		2	Some	71	32	4,419	30	13,613	28	778	28							
		3	Quite a bit	68	32	5,422	37	17,039	35	1,130	39							
		4	Very much	42	20	3,166	21	12,953	26	779	25							
		Total		215	100	14,571	100	48,787	100	2,908	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	12	5	710	5	3,157	7	103	4	<b>2.9</b>	2.9	-0.05	2.9	-0.04	3.0 *	-0.15
		2	Some	59	28	3,394	24	11,300	24	591	22							
		3	Quite a bit	88	39	6,403	44	19,002	39	1,300	44							
		4	Very much	56	27	4,056	27	15,232	30	910	30							
		Total		215	100	14,563	100	48,691	100	2,904	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	19	9	863	6	3,341	8	117	4	<b>2.8</b>	2.9 *	-0.17	2.9 *	-0.15	3.0 ***	-0.28
		2	Some	51	27	3,366	24	11,418	24	618	22							
		3	Quite a bit	94	43	6,198	43	18,585	38	1,244	43							
		4	Very much	49	21	4,125	27	15,262	30	921	30							
		Total		213	100	14,552	100	48,606	100	2,900	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	49	24	3,048	21	9,803	21	543	19	<b>2.3</b>	2.3	-0.02	2.4	-0.10	2.4	-0.13
		2	Some	80	35	5,550	38	17,076	35	1,017	36							
		3	Quite a bit	63	30	4,225	29	13,892	28	895	31							
		4	Very much	23	11	1,717	12	7,815	16	444	15							
		Total		215	100	14,540	100	48,586	100	2,899	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	15	8	1,354	10	6,120	14	167	6	<b>2.7</b>	2.8	-0.08	2.7	-0.02	2.9 **	-0.22
		2	Some	81	38	3,920	27	12,681	27	753	27							
		3	Quite a bit	74	35	5,890	40	17,260	35	1,201	41							
		4	Very much	44	20	3,352	22	12,447	24	768	26							
		Total		214	100	14,516	100	48,508	100	2,889	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	55	27	2,476	18	8,876	19	362	13	<b>2.2</b>	2.4 ***	-0.23	2.4 ***	-0.26	2.5 ***	-0.40
		2	Some	82	36	5,446	38	16,340	34	1,001	35							
		3	Quite a bit	59	29	4,645	31	14,832	30	1,039	35							
		4	Very much	18	8	1,949	13	8,460	17	494	16							
		Total		214	100	14,516	100	48,508	100	2,896	100							

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	
<b>15. To what extent do you agree or disagree with the following statements?</b>																		
a. I feel comfortable being myself at this institution.	SBmyself	1	Strongly disagree	5	3	88	2	592	2	<i>Results suppressed due to insufficient number of 2020 institutions.</i>								
		2	Disagree	22	13	473	8	2,325	8									
		3	Agree	113	50	3,399	56	16,192	53									
		4	Strongly agree	74	34	2,120	35	11,479	37									
			Total	214	100	6,080	100	30,588	100									
	(Comparison data are limited to NSSE 2020.)											<b>3.2</b>	3.2	-.12	3.3 *	-.15		<i>Results suppressed due to insufficient number of 2020 institutions.</i>
b. I feel valued by this institution.	SBvalued	1	Strongly disagree	9	5	206	4	917	3	<i>Results suppressed due to insufficient number of 2020 institutions.</i>								
		2	Disagree	36	16	1,021	17	4,472	15									
		3	Agree	132	62	3,672	59	17,434	57									
		4	Strongly agree	37	17	1,178	19	7,742	25									
			Total	214	100	6,077	100	30,565	100									
	(Comparison data are limited to NSSE 2020.)											<b>2.9</b>	2.9	-.03	3.0 *	-.16		<i>Results suppressed due to insufficient number of 2020 institutions.</i>
c. I feel like part of the community at this institution.	SBcommunity	1	Strongly disagree	11	7	179	3	1,118	4	<i>Results suppressed due to insufficient number of 2020 institutions.</i>								
		2	Disagree	40	19	1,008	18	5,179	17									
		3	Agree	113	50	3,489	57	16,299	53									
		4	Strongly agree	49	24	1,399	22	8,007	26									
			Total	213	100	6,075	100	30,603	100									
	(Comparison data are limited to NSSE 2020.)											<b>2.9</b>	3.0	-.10	3.0	-.12		<i>Results suppressed due to insufficient number of 2020 institutions.</i>
<b>16. About how many hours do you spend in a typical 7-day week doing the following?</b>																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	1	1	50	0	189	0	10	0	<b>13.4</b>						
		3	1-5 hrs	22	11	1,718	12	7,026	15	419	15							
		8	6-10 hrs	64	30	3,620	25	11,927	25	786	27							
		13	11-15 hrs	48	23	3,462	24	10,932	22	705	24							
		18	16-20 hrs	43	21	2,834	19	9,040	18	533	18							
		23	21-25 hrs	18	9	1,534	11	4,973	10	233	8							
		28	26-30 hrs	7	3	692	5	2,170	4	109	4							
		33	More than 30 hrs	8	3	571	4	2,092	4	96	3							
			Total	211	100	14,481	100	48,349	100	2,891	100		14.0	-.08	13.6	-.03	13.1	.04
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	68	31	4,098	30	18,779	41	837	30	<b>7.3</b>						
		3	1-5 hrs	59	27	5,163	34	14,412	28	973	33							
		8	6-10 hrs	34	15	2,498	17	6,743	13	499	17							
		13	11-15 hrs	14	8	1,314	9	3,792	8	263	9							
		18	16-20 hrs	17	10	726	5	2,334	5	153	6							
		23	21-25 hrs	11	5	348	2	1,149	2	83	3							
		28	26-30 hrs	5	3	113	1	400	1	27	1							
		33	More than 30 hrs	3	1	196	1	609	1	39	1							
			Total	211	100	14,456	100	48,218	100	2,874	100		5.8 **	.22	5.0 ***	.32	6.0 *	.17

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Working for pay on campus	tmworkonhrs	0	0 hrs	168	80	11,124	77	39,334	82	2,278	79	<b>2.6</b>	2.7	-.02	2.1	.08	2.6	.01
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	6	3	553	4	1,879	3	107	4							
	8	6-10 hrs	6	4	1,024	7	2,658	5	157	5								
	13	11-15 hrs	11	4	937	6	1,973	4	155	5								
	18	16-20 hrs	20	9	550	4	1,422	3	127	5								
	23	21-25 hrs	0	0	184	1	528	1	34	1								
	28	26-30 hrs	0	0	29	0	164	0	6	0								
	33	More than 30 hrs	0	0	53	0	255	1	11	0								
	Total				211	100	14,454	100	48,213	100	2,875							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	116	53	9,274	63	29,353	59	1,806	62	<b>8.2</b>	6.4 *	.18	7.8	.04	6.4 *	.19
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	14	5	747	5	2,363	5	123	4							
	8	6-10 hrs	15	8	875	6	2,770	6	181	6								
	13	11-15 hrs	17	9	952	7	3,001	6	196	7								
	18	16-20 hrs	18	8	910	6	3,311	7	221	8								
	23	21-25 hrs	11	6	664	5	2,416	5	175	6								
	28	26-30 hrs	6	3	327	2	1,459	3	90	3								
	33	More than 30 hrs	15	8	724	6	3,613	9	91	3								
	Total				212	100	14,473	100	48,286	100	2,883							
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)									<b>10.8</b>	9.1 *	.15	9.9	.07	8.9 *	.16
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	125	60	8,336	58	28,734	60	1,485	53	<b>2.5</b>	2.4	.02	2.6	-.01	2.6	-.03
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	58	24	4,547	30	13,450	27	1,038	34							
	8	6-10 hrs	13	8	772	5	2,981	6	185	6								
	13	11-15 hrs	10	5	381	3	1,441	3	85	3								
	18	16-20 hrs	4	3	226	2	836	2	55	2								
	23	21-25 hrs	0	0	126	1	413	1	17	1								
	28	26-30 hrs	0	0	37	0	111	0	6	0								
	33	More than 30 hrs	0	0	47	0	278	1	11	0								
	Total				210	100	14,472	100	48,244	100	2,882							

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



# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri		Plains Public		Carnegie Class		Small Peer
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs <i>(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	3	2	195	2	1,143	3	30	1	<b>13.8</b>	13.0	.10	12.1 **	.20	13.2	.07
		3	1-5 hrs	40	16	2,594	18	10,855	23	510	17							
		8	6-10 hrs	43	20	3,888	26	12,883	26	771	26							
		13	11-15 hrs	47	22	3,236	22	9,657	20	675	23							
		18	16-20 hrs	46	22	2,267	16	6,459	13	433	15							
		23	21-25 hrs	13	6	994	7	2,966	6	183	7							
		28	26-30 hrs	6	4	403	3	1,279	3	83	3							
		33	More than 30 hrs	14	7	892	7	3,022	7	197	7							
	Total			212	100	14,469	100	48,264	100	2,882	100							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs <i>(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	161	75	11,477	78	33,587	68	2,296	79	<b>3.5</b>	3.0	.06	4.2	-.08	2.0 **	.25
		3	1-5 hrs	18	8	1,110	8	5,772	12	289	10							
		8	6-10 hrs	7	4	482	4	2,694	6	107	4							
		13	11-15 hrs	8	4	376	3	1,794	4	69	3							
		18	16-20 hrs	4	3	242	2	1,122	3	45	2							
		23	21-25 hrs	3	2	140	1	584	1	27	1							
		28	26-30 hrs	2	1	56	1	282	1	4	0							
		33	More than 30 hrs	7	4	561	4	2,323	6	40	1							
	Total			210	100	14,444	100	48,158	100	2,877	100							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	76	35	5,850	39	20,441	41	1,114	38	<b>5.2</b>	3.7 **	.26	4.5	.11	3.9 *	.22
		3	1-5 hrs	85	38	5,911	42	15,722	33	1,153	41							
		8	6-10 hrs	20	10	1,460	10	6,237	13	338	12							
		13	11-15 hrs	15	7	605	4	2,703	6	144	5							
		18	16-20 hrs	6	4	263	2	1,342	3	53	2							
		23	21-25 hrs	2	1	161	1	631	1	38	1							
		28	26-30 hrs	3	2	65	0	267	1	13	0							
		33	More than 30 hrs	5	3	149	1	912	2	26	1							
	Total			212	100	14,464	100	48,255	100	2,879	100							

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# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																			
	reading	1	Very little	37	18	1,979	14	4,745	10	428	15	<b>2.5</b>	2.6	-.05	2.8 ***	-0.25	2.6	-.05	
		2	Some	80	38	5,440	38	15,814	33	1,033	36								
		3	About half	52	23	4,076	28	14,574	30	826	29								
		4	Most	31	15	2,291	15	9,549	20	458	16								
		5	Almost all	11	6	662	5	3,514	7	129	4								
			Total	211	100	14,448	100	48,196	100	2,874	100								
	tmreadinghrs											<b>5.7</b>	5.9	-.02	6.5	-.13	5.6	.03	
	<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																		
	tmreadinghrscol	1	0 hrs	1	1	47	0	185	0	9	0								
		2	More than zero, up to 5 hrs	127	59	8,158	57	24,692	52	1,692	59								
		3	More than 5, up to 10 hrs	55	26	3,978	27	13,817	28	776	27								
		4	More than 10, up to 15 hrs	12	6	1,226	8	4,855	10	209	7								
		5	More than 15, up to 20 hrs	6	3	556	4	2,404	5	103	4								
		6	More than 20, up to 25 hrs	6	3	324	2	1,453	3	56	2								
		7	More than 25 hrs	3	1	102	1	595	1	22	1								
			Total	210	100	14,391	100	48,001	100	2,867	100								
<b>18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																			
a. Writing clearly and effectively	pgwrite	1	Very little	22	11	1,258	9	2,574	6	196	7	<b>2.7</b>	2.7	.03	2.9 **	-.19	2.7	-.03	
		2	Some	50	25	4,668	32	12,588	26	871	31								
		3	Quite a bit	101	48	5,899	41	21,274	44	1,240	44								
		4	Very much	38	17	2,578	18	11,482	24	555	19								
			Total	211	100	14,403	100	47,918	100	2,862	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class		Small Peer		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Speaking clearly and effectively	pgspeak	1	Very little	33	18	1,602	11	3,920	8	200	7	<b>2.5</b>	2.6	-0.12	2.8 ***	-0.30	2.7 ***	-0.27
		2	Some	68	30	4,859	34	13,692	29	854	31							
		3	Quite a bit	76	37	5,549	38	19,396	40	1,248	43							
		4	Very much	34	16	2,388	17	10,913	23	560	19							
		Total		211	100	14,398	100	47,921	100	2,862	100							
c. Thinking critically and analytically	pgthink	1	Very little	8	4	422	3	1,316	3	75	3	<b>3.0</b>	3.0	-0.03	3.1	-0.10	3.0	-0.05
		2	Some	39	17	2,919	21	8,959	19	547	20							
		3	Quite a bit	110	53	6,860	47	21,704	45	1,374	48							
		4	Very much	54	26	4,197	29	15,972	33	867	29							
		Total		211	100	14,398	100	47,951	100	2,863	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	39	18	1,624	11	5,597	11	345	12	<b>2.5</b>	2.7 **	-0.22	2.7 **	-0.21	2.6 *	-0.17
		2	Some	66	32	4,529	31	14,927	31	914	32							
		3	Quite a bit	73	34	5,435	38	17,404	36	1,092	39							
		4	Very much	33	16	2,814	20	10,012	21	511	18							
		Total		211	100	14,402	100	47,940	100	2,862	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	34	16	1,632	12	6,067	13	329	12	<b>2.6</b>	2.6	-0.06	2.6	-0.04	2.6	-0.02
		2	Some	61	28	4,681	32	15,296	32	977	34							
		3	Quite a bit	77	38	5,323	37	16,593	34	1,036	36							
		4	Very much	39	19	2,773	19	9,957	21	523	18							
		Total		211	100	14,409	100	47,913	100	2,865	100							
f. Working effectively with others	pgothers	1	Very little	19	10	777	6	2,873	7	132	5	<b>2.8</b>	2.8	-0.03	2.9	-0.06	2.9	-0.07
		2	Some	52	24	4,036	28	12,320	26	754	27							
		3	Quite a bit	88	40	6,203	42	19,946	41	1,291	45							
		4	Very much	52	25	3,372	23	12,772	26	687	23							
		Total		211	100	14,388	100	47,911	100	2,864	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	33	17	1,586	12	4,676	11	235	9	<b>2.6</b>	2.6	-0.08	2.7 *	-0.17	2.7 *	-0.17
		2	Some	62	30	4,485	31	13,425	28	827	30							
		3	Quite a bit	72	32	5,539	38	18,524	38	1,192	41							
		4	Very much	44	21	2,779	19	11,284	23	603	20							
		Total		211	100	14,389	100	47,909	100	2,857	100							

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	25	14	1,374	10	3,935	9	189	7	<b>2.6</b>	2.7	-0.8	2.8 **	-0.20	2.8 **	-0.22
		2	Some	63	31	4,268	30	12,552	26	740	27							
		3	Quite a bit	74	33	5,512	38	18,206	37	1,198	41							
		4	Very much	50	23	3,240	22	13,236	27	741	25							
		Total		212	100	14,394	100	47,929	100	2,868	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	25	13	1,499	11	5,142	11	281	10	<b>2.6</b>	2.6	-0.8	2.7	-0.12	2.7	-0.12
		2	Some	78	34	4,906	34	15,217	32	926	33							
		3	Quite a bit	77	37	5,365	37	17,599	36	1,094	38							
		4	Very much	32	15	2,625	19	9,993	21	564	19							
		Total		212	100	14,395	100	47,951	100	2,865	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	37	19	1,727	13	5,209	11	272	10	<b>2.4</b>	2.6	-0.15	2.7 ***	-0.24	2.7 **	-0.26
		2	Some	75	36	4,943	34	14,981	31	874	32							
		3	Quite a bit	60	27	5,113	35	17,321	35	1,110	38							
		4	Very much	36	19	2,624	18	10,501	22	613	21							
		Total		208	100	14,407	100	48,012	100	2,869	100							
<b>19. How would you evaluate your entire educational experience at this institution?</b>																		
	evalexp	1	Poor	4	3	222	2	862	2	42	2	<b>3.0</b>	3.2 **	-0.20	3.2 **	-0.18	3.1 *	-0.18
		2	Fair	34	18	1,789	13	6,515	14	388	14							
		3	Good	120	54	7,622	52	23,970	49	1,490	52							
		4	Excellent	55	25	4,824	33	16,853	34	960	33							
		Total		213	100	14,457	100	48,200	100	2,880	100							
<b>20. If you could start over again, would you go to the same institution you are now attending?</b>																		
	sameinst	1	Definitely no	10	6	396	3	1,721	4	89	3	<b>3.1</b>	3.2 **	-0.21	3.2 *	-0.14	3.2 *	-0.16
		2	Probably no	33	15	1,591	11	6,384	13	352	13							
		3	Probably yes	94	44	6,396	44	20,470	43	1,270	44							
		4	Definitely yes	78	35	6,123	42	19,856	40	1,179	40							
		Total		215	100	14,506	100	48,431	100	2,890	100							
<b>21. Do you intend to return to this institution next year?<sup>f</sup></b>																		
	returnexp		No	9	5	536	4	1,995	4	139	5	<b>85%</b>	90% *	-0.14	87%	-0.05	88%	-0.09
			Yes	185	85	13,059	90	42,591	87	2,564	88							
			Not sure	20	10	908	7	3,952	9	181	7							
			Total	214	100	14,503	100	48,538	100	2,884	100							
<i>(Means indicate the percentage who responded "Yes.")</i>																		

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri		Plains Public		Carnegie Class		Small Peer	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>1. During the current school year, about how often have you done the following?</b>																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	10	2	654	3	2,572	3	112	2	3.2	3.0 **	.15	3.1 *	.11	3.1	.09	
		2	Sometimes	97	23	6,520	28	21,798	27	1,222	26								
		3	Often	129	32	7,657	33	25,633	31	1,615	35								
		4	Very often	182	43	8,720	36	31,970	39	1,750	37								
		Total		418	100	23,551	100	81,973	100	4,699	100								
b. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	25	7	1,500	6	4,588	5	287	6	3.1	3.0 *	.13	3.1	-.02	3.0	.10	△
		2	Often	49	12	3,580	15	9,845	12	710	15								
		3	Sometimes	204	49	12,655	53	42,177	51	2,513	53								
		4	Never	137	33	5,816	25	25,053	32	1,187	26								
		Total		415	100	23,551	100	81,663	100	4,697	100								
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	218	53	11,849	51	41,838	53	2,280	49	1.7	1.7	.02	1.7	.03	1.7	-.04	
		2	Sometimes	125	30	8,043	34	26,800	32	1,598	34								
		3	Often	35	9	2,304	10	7,866	9	511	11								
		4	Very often	34	7	1,305	5	5,003	6	310	6								
		Total		412	100	23,501	100	81,507	100	4,699	100								
d. Asked another student to help you understand course material	CLaskhelp	1	Never	68	18	3,845	16	14,070	19	462	11	2.3	2.4 *	-.11	2.3	.00	2.5 ***	-.25	▽
		2	Sometimes	184	45	9,186	40	33,977	42	1,842	40								
		3	Often	105	25	6,923	29	21,906	25	1,590	33								
		4	Very often	56	12	3,531	15	11,541	13	795	16								
		Total		413	100	23,485	100	81,494	100	4,689	100								
e. Explained course material to one or more students	CLexplain	1	Never	35	8	1,918	8	8,314	12	212	5	2.7	2.7	.02	2.6 *	.11	2.8	-.10	△
		2	Sometimes	137	34	8,311	36	28,697	36	1,554	34								
		3	Often	152	36	8,652	37	28,133	33	1,843	39								
		4	Very often	89	21	4,570	20	16,229	19	1,076	22								
		Total		413	100	23,451	100	81,373	100	4,685	100								
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	103	26	4,848	21	17,572	24	712	16	2.4	2.4	-.08	2.4	-.01	2.5 **	-.18	▽
		2	Sometimes	126	30	7,727	34	27,308	34	1,584	34								
		3	Often	106	26	6,581	28	21,655	26	1,432	30								
		4	Very often	77	18	4,225	18	14,509	17	943	19								
		Total		412	100	23,381	100	81,044	100	4,671	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Worked with other students on course projects or assignments	CLproject	1	Never	42	10	1,661	7	9,975	14	227	5	<b>2.7</b>	2.8 *	-0.13	2.7	.04	2.9 ***	-.23	
		2	Sometimes	132	34	6,888	29	22,137	28	1,222	27								▽
		3	Often	128	31	8,485	37	27,357	33	1,783	38								▽
		4	Very often	107	25	6,278	27	21,267	25	1,428	30								
		Total		409	100	23,312	100	80,736	100	4,660	100								
h. Given a course presentation	present	1	Never	51	13	3,179	13	10,601	15	415	10	<b>2.6</b>	2.6	.03	2.6	-.03	2.7 *	-.13	
		2	Sometimes	136	34	7,932	34	23,883	30	1,460	32								
		3	Often	132	32	7,256	31	25,333	30	1,572	34								
		4	Very often	90	21	4,935	21	20,846	25	1,208	25								▽
		Total		409	100	23,302	100	80,663	100	4,655	100								
<b>2. During the current school year, about how often have you done the following?</b>																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	20	5	797	3	3,519	5	132	3	<b>2.9</b>	2.9	-0.01	2.9	-0.01	3.0 *	-.11	
		2	Sometimes	104	26	6,445	28	22,042	28	1,109	25								
		3	Often	171	43	9,941	43	32,329	40	2,025	44								
		4	Very often	107	25	5,932	25	22,110	27	1,371	29								▽
		Total		402	100	23,115	100	80,000	100	4,637	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	33	9	1,677	8	5,317	7	296	7	<b>2.7</b>	2.7	.01	2.8	-.10	2.8	-.07	
		2	Sometimes	135	35	7,872	35	23,971	31	1,463	32								
		3	Often	127	31	8,470	36	29,642	37	1,747	37								
		4	Very often	103	24	5,029	21	20,722	25	1,116	24								
		Total		398	100	23,048	100	79,652	100	4,622	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	70	20	3,101	15	9,089	12	538	12	<b>2.5</b>	2.5	-0.06	2.6 ***	-.18	2.6 **	-.16	
		2	Sometimes	124	32	8,439	37	26,503	34	1,561	34								▽
		3	Often	131	32	7,027	30	25,399	32	1,514	32								▽
		4	Very often	72	17	4,400	18	18,221	22	1,001	21								
		Total		397	100	22,967	100	79,212	100	4,614	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	24	7	1,030	5	3,385	5	198	4	<b>2.8</b>	2.8	.02	2.9	-.05	2.8	-.03	
		2	Sometimes	107	27	7,093	31	22,757	29	1,355	30								
		3	Often	182	45	10,040	43	34,130	43	2,032	44								
		4	Very often	85	21	4,685	20	18,367	23	1,004	22								
		Total		398	100	22,848	100	78,639	100	4,589	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class		Small Peer			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	16	5	627	3	2,105	3	114	3	<b>2.9</b>	2.9	-.03	3.0 *	-.11	3.0	-.08	
		2	Sometimes	94	24	5,847	27	18,132	24	1,140	25								
		3	Often	188	48	10,330	45	35,144	45	2,083	45								
		4	Very often	94	23	5,842	25	22,471	28	1,221	26								
		Total		392	100	22,646	100	77,852	100	4,558	100								
f. Learned something that changed the way you understand an issue or concept	RNewview	1	Never	10	3	413	2	1,484	2	88	2	<b>2.9</b>	2.9	-.05	3.0 *	-.12	3.0	-.10	
		2	Sometimes	102	27	6,088	28	19,599	26	1,122	25								
		3	Often	187	49	10,448	46	34,466	44	2,141	47								
		4	Very often	85	21	5,539	24	21,558	28	1,187	26								
		Total		384	100	22,488	100	77,107	100	4,538	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	6	2	166	1	674	1	35	1	<b>3.2</b>	3.2	.00	3.2	-.05	3.2	-.02	
		2	Sometimes	55	15	3,445	16	11,228	15	689	16								
		3	Often	186	49	10,951	49	35,892	47	2,179	48								
		4	Very often	135	35	7,776	34	28,668	37	1,615	35								
		Total		382	100	22,338	100	76,462	100	4,518	100								
<b>3. During the current school year, about how often have you done the following?</b>																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	55	15	3,551	17	12,864	18	607	14	<b>2.6</b>	2.4 *	.13	2.5 *	.11	2.6	.01	
		2	Sometimes	139	37	8,891	40	29,024	38	1,646	37								
		3	Often	97	25	5,798	26	19,099	24	1,263	28								
		4	Very often	89	23	4,082	18	15,483	20	1,002	21								
		Total		380	100	22,322	100	76,470	100	4,518	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	130	35	9,010	41	33,896	46	1,606	37	<b>2.1</b>	2.0 **	.14	1.9 ***	.21	2.1	.04	
		2	Sometimes	116	31	6,977	31	21,625	28	1,453	32								
		3	Often	85	23	3,878	17	11,909	15	856	19								
		4	Very often	47	12	2,411	11	8,815	11	588	13								
		Total		378	100	22,276	100	76,245	100	4,503	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	97	26	6,179	28	21,953	30	949	22	<b>2.2</b>	2.1	.07	2.1	.06	2.3	-.08	
		2	Sometimes	152	41	9,290	42	29,124	38	1,905	43								
		3	Often	84	22	4,514	21	15,711	20	1,058	24								
		4	Very often	43	11	2,168	10	8,892	11	569	12								
		Total		376	100	22,151	100	75,680	100	4,481	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Discussed your academic performance with a faculty member	SFperform	1	Never	72	20	5,305	24	15,883	21	857	20	<b>2.3</b>	2.2 **	.15	2.3	.02	2.3	.01	
		2	Sometimes	161	43	9,986	45	32,003	42	1,977	44								
		3	Often	92	24	4,818	22	18,117	24	1,110	25								
		4	Very often	53	13	2,040	9	9,686	13	535	12								
		Total		378	100	22,149	100	75,689	100	4,479	100								
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																			
a. Memorizing course material	memorize	1	Very little	30	8	1,747	8	5,505	8	301	7	<b>2.7</b>	2.7	.00	2.8	-.05	2.8	-.09	
		2	Some	116	32	7,171	33	22,880	31	1,300	30								
		3	Quite a bit	151	41	8,790	40	30,182	40	1,868	42								
		4	Very much	74	19	4,351	19	16,729	22	996	22								
		Total		371	100	22,059	100	75,296	100	4,465	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	9	3	491	2	2,048	3	127	3	<b>3.0</b>	3.0	-.02	3.1	-.05	3.0	-.01	
		2	Some	86	23	4,556	21	14,680	20	895	20								
		3	Quite a bit	155	43	10,341	47	34,106	46	2,069	47								
		4	Very much	121	31	6,621	30	24,162	32	1,370	30								
		Total		371	100	22,009	100	74,996	100	4,461	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	11	3	656	3	2,293	3	143	3	<b>3.0</b>	3.0	-.01	3.0	-.09	3.0	-.03	
		2	Some	96	27	5,254	24	15,710	21	1,022	23								
		3	Quite a bit	149	41	9,793	45	32,707	44	1,978	45								
		4	Very much	111	29	6,165	28	23,673	32	1,302	29								
		Total		367	100	21,868	100	74,383	100	4,445	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	16	4	1,129	6	2,884	4	216	5	<b>2.9</b>	2.9	.07	3.0	-.09	2.9	.01	
		2	Some	92	27	5,765	27	16,441	22	1,090	25								
		3	Quite a bit	155	42	9,571	44	32,629	44	1,965	45								
		4	Very much	103	27	5,317	24	22,115	30	1,154	25								
		Total		366	100	21,782	100	74,069	100	4,425	100								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	10	3	805	4	2,398	3	159	4	<b>2.9</b>	2.9	.04	3.0	-.08	2.9	-.01	
		2	Some	93	27	5,535	26	16,620	23	1,077	25								
		3	Quite a bit	162	44	10,041	46	33,465	45	2,023	46								
		4	Very much	97	26	5,351	24	21,348	29	1,166	26								
		Total		362	100	21,732	100	73,831	100	4,425	100								

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



# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri		Plains Public		Carnegie Class		Small Peer	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>5. During the current school year, to what extent have your instructors done the following?</b>																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	7	2	408	2	1,614	2	84	2	<b>3.2</b>	3.1	.06	3.2	.01	3.1	.04	
		2	Some	63	18	3,771	18	12,316	17	738	17								
		3	Quite a bit	148	41	9,803	46	31,267	42	1,998	46								
		4	Very much	138	39	7,645	35	28,211	39	1,586	35								
		Total		356	100	21,627	100	73,408	100	4,406	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	6	2	746	4	3,165	5	138	3	<b>3.1</b>	3.1	.08	3.1	.07	3.1	.09	
		2	Some	70	20	3,908	18	13,609	18	805	19								
		3	Quite a bit	149	43	9,927	46	31,189	42	2,064	47								
		4	Very much	127	36	7,023	32	25,264	35	1,398	31								
		Total		352	100	21,604	100	73,227	100	4,405	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	6	1	547	3	2,589	4	121	3	<b>3.2</b>	3.1	.09	3.1	.07	3.1	.11	
		2	Some	66	20	4,102	19	13,899	19	853	20								
		3	Quite a bit	140	40	9,415	44	29,404	40	1,938	44								
		4	Very much	139	39	7,508	34	27,257	37	1,488	33								
		Total		351	100	21,572	100	73,149	100	4,400	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	20	6	2,187	11	6,513	9	382	9	<b>2.9</b>	2.7 *** △	.21	2.8	.08	2.8 ** △	.15	
		2	Some	98	28	6,524	31	19,382	27	1,258	29								
		3	Quite a bit	117	34	7,527	35	25,501	34	1,648	38								
		4	Very much	117	32	5,299	24	21,638	29	1,111	25								
		Total		352	100	21,537	100	73,034	100	4,399	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	16	4	1,541	7	5,252	7	286	7	<b>2.9</b>	2.8 ** △	.16	2.9	.07	2.8 * △	.14	
		2	Some	93	27	6,333	30	19,217	26	1,226	28								
		3	Quite a bit	137	40	8,413	39	27,797	38	1,821	41								
		4	Very much	105	29	5,229	24	20,616	29	1,053	24								
		Total		351	100	21,516	100	72,882	100	4,386	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>6. During the current school year, about how often have you done the following?</b>																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	42	11	2,072	9	7,923	10	471	10	2.7	2.6	.02	2.6	.04	2.6	.05
		2	Sometimes	111	33	7,625	35	25,397	35	1,566	35							
		3	Often	118	34	7,821	37	25,713	36	1,564	37							
		4	Very often	73	22	3,830	19	13,114	19	757	18							
		Total		344	100	21,348	100	72,147	100	4,358	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	58	16	3,611	17	12,543	17	780	17	2.4	2.4	-.01	2.5	-.04	2.4	.00
		2	Sometimes	132	39	8,194	38	26,773	37	1,651	38							
		3	Often	109	32	6,440	30	21,410	30	1,315	31							
		4	Very often	43	13	3,045	14	11,127	16	608	14							
		Total		342	100	21,290	100	71,853	100	4,354	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	60	17	3,198	15	12,114	17	682	15	2.4	2.4	-.03	2.4	-.03	2.4	-.04
		2	Sometimes	140	41	8,745	41	27,970	39	1,747	40							
		3	Often	97	28	6,674	32	21,864	31	1,370	32							
		4	Very often	46	14	2,639	13	9,709	14	542	13							
		Total		343	100	21,256	100	71,657	100	4,341	100							
<b>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.)</b>																		
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	25	8	1,273	6	3,997	6	287	7	7.3	7.5	-.04	7.8	-.08	7.0	.04
		1.5	1-2	56	16	3,993	19	11,551	16	940	22							
		4	3-5	107	32	5,878	28	20,676	29	1,260	29							
		8	6-10	75	22	4,544	21	16,591	23	880	20							
		13	11-15	31	9	2,361	11	8,006	11	416	10							
		18	16-20	16	5	1,243	6	4,169	6	213	5							
		23	More than 20	32	9	1,921	9	6,422	9	342	8							
		Total		342	100	21,213	100	71,412	100	4,338	100							
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	85	26	5,651	27	14,912	21	1,164	27	3.4	3.2	.05	4.0 *	-0.12	3.2	.06
		1.5	1-2	117	34	7,338	35	22,537	31	1,560	36							
		4	3-5	86	25	4,709	22	18,228	25	923	22							
		8	6-10	26	7	2,123	10	9,562	14	413	10							
		13	11-15	15	4	770	4	3,355	5	157	4							
		18	16-20	5	2	276	1	1,253	2	48	1							
		23	More than 20	8	2	287	1	1,353	2	57	1							
Total		342	100	21,154	100	71,200	100	4,322	100									

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. 11 pages or more	wrlongnum	0	None	184	54	11,296	53	32,454	46	2,212	50	<b>1.6</b>	1.7	-.02	2.2 **	-.14	1.7	-.02	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	114	33	6,583	31	24,232	33	1,439	33								
		4	3-5	21	6	1,853	9	7,996	11	396	9								
		8	6-10	10	3	729	4	3,246	5	145	3								
		13	11-15	7	2	398	2	1,772	3	73	2								
		18	16-20	1	0	136	1	637	1	26	1								
		23	More than 20	5	2	192	1	990	1	38	1								
		Total		342	100	21,187	100	71,327	100	4,329	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.)									<b>73.0</b>	73.1	.00	87.2 *	-.14	71.6	.02	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	20	6	1,073	5	3,936	6	210	5	<b>3.0</b>	2.9	.07	3.0	-.05	2.9	.09	
		2	Sometimes	87	25	6,025	29	16,148	23	1,291	30								
		3	Often	106	32	6,885	32	22,078	31	1,425	33								
		4	Very often	127	37	7,204	33	29,139	40	1,404	32								
			Total	340	100	21,187	100	71,301	100	4,330	100								
b. People from an economic background other than your own	DDeconomic	1	Never	16	5	775	4	3,658	6	140	3	<b>3.0</b>	3.0	.00	3.0	-.02	3.0	.02	
		2	Sometimes	85	25	5,256	25	16,500	23	1,137	27								
		3	Often	123	37	8,151	38	24,762	35	1,653	38								
		4	Very often	116	34	6,968	32	26,161	36	1,389	32								
			Total	340	100	21,150	100	71,081	100	4,319	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	20	5	1,082	5	5,057	8	191	5	<b>2.9</b>	3.0	-.02	2.9	.02	2.9	.00	
		2	Sometimes	83	25	5,564	27	18,598	26	1,226	29								
		3	Often	133	40	7,330	34	22,824	32	1,473	34								
		4	Very often	104	30	7,175	33	24,645	34	1,428	32								
			Total	340	100	21,151	100	71,124	100	4,318	100								
d. People with political views other than your own	DDpolitical	1	Never	20	5	1,010	5	5,442	8	180	4	<b>3.0</b>	3.0	.00	2.9 *	.11	3.0	.00	
		2	Sometimes	82	24	5,447	26	20,432	29	1,131	27								
		3	Often	125	38	7,428	35	22,470	31	1,570	36								
		4	Very often	114	33	7,259	34	22,815	32	1,439	33								
			Total	341	100	21,144	100	71,159	100	4,320	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class		Small Peer			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	7	2	571	3	1,466	2	101	2	3.1	3.0 **	.16	3.1	.02	3.0 *	.13	
		2	Sometimes	60	18	4,650	23	13,220	19	920	22								
		3	Often	143	43	9,355	44	31,225	44	1,955	46								
		4	Very often	126	37	6,519	30	24,939	35	1,336	30								
			Total	336	100	21,095	100	70,850	100	4,312	100								
b. Reviewed your notes after class	LSnotes	1	Never	22	7	1,749	8	4,608	7	306	7	2.9	2.7 *	.13	2.9	-.04	2.8	.06	
		2	Sometimes	97	29	6,922	33	19,995	28	1,346	31								
		3	Often	116	35	7,007	33	24,094	34	1,477	35								
		4	Very often	100	29	5,406	25	22,086	31	1,182	27								
			Total	335	100	21,084	100	70,783	100	4,311	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	20	6	1,532	7	4,251	6	271	6	2.9	2.8 *	.14	2.9	.00	2.8	.08	
		2	Sometimes	90	28	6,629	32	19,538	27	1,294	30								
		3	Often	124	38	7,903	37	26,903	38	1,660	39								
		4	Very often	101	29	5,014	23	20,075	28	1,075	24								
			Total	335	100	21,078	100	70,767	100	4,300	100								
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																			
	challenge	1	Not at all	4	2	200	1	645	1	49	1	5.6	5.5 *	.12	5.6	-.01	5.4 *	.14	
		2		5	2	271	1	896	1	69	2								
		3		10	3	993	5	2,765	4	200	5								
		4		22	7	2,299	11	6,804	10	466	11								
		5		93	28	6,299	30	19,022	27	1,308	30								
		6		101	31	5,495	26	17,911	25	1,112	26								
		7	Very much	96	27	5,427	25	22,285	32	1,072	25								
			Total	331	100	20,984	100	70,328	100	4,276	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern		Have not decided	30	9	1,928	9	8,172	12	320	8	50%	50%	.00	43% *	.14	49%	.02	
	(Means indicate the percentage who responded "Done or in progress.")		Do not plan to do	52	16	3,337	16	12,409	19	702	17								
			Plan to do	78	25	5,183	25	18,253	26	1,119	26								
			Done or in progress	168	50	10,528	50	31,398	43	2,138	49								
			Total	328	100	20,976	100	70,232	100	4,279	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Central Missouri				Plains Public				Carnegie Class				Small Peer				Central Missouri	Plains Public	Carnegie Class	Small Peer
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
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	37	12	2,341	11	10,131	15	406	10	<b>38%</b>	39%	-.02	27% ***	.23	36%	.04					
			Do not plan to do	142	43	8,558	42	33,163	49	1,902	46												
			Plan to do	20	7	1,689	8	6,465	9	358	8												
			Done or in progress	126	38	8,346	39	20,319	27	1,598	36												
			Total	325	100	20,934	100	70,078	100	4,264	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	44	14	2,802	13	11,929	17	578	14	<b>30%</b>	24% *	.13	20% ***	.23	23% **	.16					
			Do not plan to do	158	48	10,984	54	35,366	51	2,200	52												
			Plan to do	26	8	1,983	9	8,100	12	476	11												
			Done or in progress	97	30	5,139	24	14,468	20	1,007	23												
			Total	325	100	20,908	100	69,863	100	4,261	100												
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	35	11	2,141	10	9,722	14	438	10	<b>12%</b>	13%	-.05	9%	.09	12%	-.01					
			Do not plan to do	239	74	14,304	70	47,970	70	2,941	70												
			Plan to do	10	3	1,383	7	4,918	7	318	8												
			Done or in progress	39	12	3,071	13	7,276	9	562	12												
			Total	323	100	20,899	100	69,886	100	4,259	100												
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	38	12	3,086	15	12,522	18	587	14	<b>22%</b>	21%	.03	19%	.08	21%	.03					
			Do not plan to do	181	56	11,122	54	35,120	50	2,232	52												
			Plan to do	32	10	2,261	11	8,682	13	543	13												
			Done or in progress	71	22	4,442	21	13,563	19	901	21												
			Total	322	100	20,911	100	69,887	100	4,263	100												
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	34	10	1,754	8	7,895	11	378	9	<b>44%</b>	45%	-.01	43%	.03	44%	.00					
			Do not plan to do	79	23	3,919	19	13,772	20	848	21												
			Plan to do	69	23	5,839	28	17,816	26	1,101	26												
			Done or in progress	143	44	9,384	45	30,340	43	1,929	44												
			Total	325	100	20,896	100	69,823	100	4,256	100												
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																							
servcourse	1	None	1	104	34	7,875	38	24,773	37	1,224	30	<b>1.8</b>	1.8	.09	1.8	.04	1.9	-.08					
			2	170	53	10,465	50	34,845	49	2,386	55												
			3	38	11	2,057	10	8,072	11	532	12												
			4	9	3	439	2	1,918	3	105	2												
			Total	321	100	20,836	100	69,608	100	4,247	100												

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri		Plains Public		Carnegie Class		Small Peer	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	2	1	168	1	927	1	30	1	<b>5.6</b>	5.7	-.08	5.6	-.04	5.6	-.02	
				5	1	249	1	1,096	2	64	2								
				11	3	700	3	2,574	4	154	4								
				37	11	1,914	9	6,714	10	436	11								
				85	27	5,146	25	16,229	23	1,104	26								
				85	26	6,230	30	18,023	25	1,221	28								
				87	26	6,099	29	21,375	31	1,206	28								
				11	3	351	2	2,637	5	43	1								
Total				323	100	20,857	100	69,575	100	4,258	100								
b. Academic advisors	QIadvisor	1	Poor	15	4	691	3	2,867	4	160	4	<b>5.3</b>	5.4	-.04	5.4	-.02	5.3	.02	
				11	4	864	4	2,866	4	209	5								
				27	8	1,369	7	4,666	7	314	7								
				37	11	2,341	11	7,876	11	507	12								
				58	18	3,747	18	12,324	17	786	18								
				52	16	4,345	21	13,535	19	865	20								
				112	36	7,327	35	24,109	35	1,382	33								
				11	3	164	1	1,268	2	29	1								
Total				323	100	20,848	100	69,511	100	4,252	100								
c. Faculty	QIfaculty	1	Poor	0	0	221	1	1,088	2	45	1	<b>5.8</b>	5.5 ***	.24	5.6 ***	.16	5.5 ***	.26	
				3	1	372	2	1,392	2	81	2								
				8	3	885	4	2,928	4	199	5								
				26	8	2,452	12	7,150	10	498	12								
				73	23	5,214	25	15,307	22	1,065	25								
				93	29	5,998	29	18,837	27	1,261	29								
				112	34	5,530	26	21,997	32	1,076	25								
				6	2	158	1	813	1	22	1								
Total				321	100	20,830	100	69,512	100	4,247	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	8	2	564	3	2,896	4	120	3	<b>5.3</b>	5.1	.11	5.1 *	.13	5.1 *	.15	
		2		11	3	690	3	2,596	4	160	4								
		3		16	5	1,251	6	4,325	6	259	6								
		4		22	7	2,510	12	7,839	11	561	13								
		5		60	19	4,158	20	11,919	16	885	21								
		6		65	19	4,049	19	11,650	16	844	19								
		7	Excellent	63	20	4,103	19	14,452	21	771	18								
		—	Not applicable	77	24	3,504	18	13,760	21	650	16								
	Total			322	100	20,829	100	69,437	100	4,250	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	4	1	621	3	2,915	4	135	3	<b>5.3</b>	5.2	.06	5.1	.09	5.2	.09	
		2		8	2	756	4	3,024	4	157	4								
		3		22	7	1,253	6	5,001	7	290	7								
		4		48	15	2,850	14	9,197	13	583	13								
		5		62	19	4,567	22	14,032	20	1,001	23								
		6		90	27	4,676	23	13,910	20	996	24								
		7	Excellent	62	20	4,746	23	16,915	25	875	21								
		—	Not applicable	27	8	1,362	7	4,492	7	215	5								
	Total			323	100	20,831	100	69,486	100	4,252	100								
<b>14. How much does your institution emphasize the following?</b>																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	5	2	363	2	1,433	2	72	2	<b>3.0</b>	3.1	-.04	3.1	-.07	3.0	.00	
		2	Some	63	20	4,121	20	13,119	19	846	20								
		3	Quite a bit	161	51	10,055	49	31,860	46	2,115	50								
		4	Very much	92	27	6,250	30	22,833	33	1,208	28								
			Total			321	100	20,789	100	69,245	100								4,241
b. Providing support to help students succeed academically	SEacademic	1	Very little	14	4	907	5	3,742	6	161	4	<b>2.9</b>	2.9	-.03	3.0	-.07	2.9	-.05	
		2	Some	88	28	4,911	24	15,945	23	987	24								
		3	Quite a bit	125	39	9,301	45	28,191	40	1,931	46								
		4	Very much	91	28	5,618	26	21,217	31	1,151	26								
			Total			318	100	20,737	100	69,095	100								4,230
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	35	11	1,703	9	6,418	9	401	10	<b>2.8</b>	2.8	-.03	2.9	-.09	2.8	.00	
		2	Some	80	25	5,171	26	15,995	23	1,038	25								
		3	Quite a bit	114	36	8,221	40	25,237	36	1,670	39								
		4	Very much	92	28	5,651	26	21,367	31	1,127	26								
			Total			321	100	20,746	100	69,017	100								4,236

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	56	17	3,016	15	10,044	15	436	11	<b>2.6</b>	2.6	.02	2.6	-.06	2.7 *	-13
		2	Some	98	31	6,815	33	20,179	29	1,267	31							
		3	Quite a bit	97	31	6,866	33	22,125	32	1,520	36							
		4	Very much	70	22	4,020	19	16,545	24	1,004	23							
		Total		321	100	20,717	100	68,893	100	4,227	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	31	10	1,696	8	6,959	11	224	6	<b>2.8</b>	2.8	-.05	2.8	.00	2.9 **	-17
		2	Some	86	28	5,550	28	18,540	28	1,041	25							
		3	Quite a bit	128	40	8,436	41	25,323	36	1,762	42							
		4	Very much	75	23	5,020	23	17,995	25	1,202	27							
		Total		320	100	20,702	100	68,817	100	4,229	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	31	9	2,244	11	8,445	13	334	9	<b>2.7</b>	2.7	-.02	2.7	.00	2.8 *	-15
		2	Some	93	31	5,704	28	18,955	28	1,013	25							
		3	Quite a bit	129	40	7,894	38	24,031	34	1,727	41							
		4	Very much	67	20	4,818	23	17,323	25	1,148	26							
		Total		320	100	20,660	100	68,754	100	4,222	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	104	33	6,574	32	21,561	31	1,259	30	<b>2.2</b>	2.1	.08	2.2	-.01	2.1	.00
		2	Some	102	32	7,703	37	23,500	34	1,529	36							
		3	Quite a bit	70	22	4,425	21	14,964	22	970	23							
		4	Very much	42	13	1,963	9	8,626	13	476	11							
		Total		318	100	20,665	100	68,651	100	4,234	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	53	17	3,839	18	15,232	24	528	13	<b>2.5</b>	2.5	-.04	2.4	.06	2.6 **	-16
		2	Some	116	37	6,341	31	20,456	30	1,339	32							
		3	Quite a bit	94	30	7,017	34	20,696	29	1,533	36							
		4	Very much	54	16	3,448	16	12,220	17	819	19							
		Total		317	100	20,645	100	68,604	100	4,219	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	80	25	4,868	24	16,881	26	720	18	<b>2.1</b>	2.2 *	-.12	2.3 **	-.14	2.4 ***	-31
		2	Some	143	46	8,029	39	24,137	35	1,526	37							
		3	Quite a bit	59	19	5,582	27	18,222	26	1,350	31							
		4	Very much	33	10	2,181	10	9,343	13	626	14							
		Total		315	100	20,660	100	68,583	100	4,222	100							

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



# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class		Small Peer			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>15. To what extent do you agree or disagree with the following statements?</b>																			
a. I feel comfortable being myself at this institution.	SBmyself	1 2 3 4	Strongly disagree Disagree Agree Strongly agree	6 25 163 123	2 8 52 38	130 495 3,461 3,045	2 7 48 43	1,011 2,797 20,967 19,756	2 6 46 46	<i>Results suppressed due to insufficient number of 2020 institutions.</i>									
	(Comparison data are limited to NSSE 2020.)		Total	317	100	7,131	100	44,531	100	3.3	3.3	-.08	3.3 *	-.12					
b. I feel valued by this institution.	SBvalued	1 2 3 4	Strongly disagree Disagree Agree Strongly agree	16 58 165 77	5 18 53 24	432 1,448 3,659 1,590	6 21 51 22	2,409 7,361 22,534 12,201	6 16 50 28	<i>Results suppressed due to insufficient number of 2020 institutions.</i>									
	(Comparison data are limited to NSSE 2020.)		Total	316	100	7,129	100	44,505	100	3.0	2.9	.09	3.0	-.07					
c. I feel like part of the community at this institution.	SBcommunity	1 2 3 4	Strongly disagree Disagree Agree Strongly agree	11 77 159 71	3 24 51 21	333 1,220 3,709 1,871	5 18 52 26	2,345 8,068 22,288 11,825	6 18 49 27	<i>Results suppressed due to insufficient number of 2020 institutions.</i>									
	(Comparison data are limited to NSSE 2020.)		Total	318	100	7,133	100	44,526	100	2.9	3.0	-.10	3.0	-.10					
<b>16. About how many hours do you spend in a typical 7-day week doing the following?</b>																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	0 45 93 63 53 30 14 19	0 15 29 21 16 9 4 6	79 2,839 4,974 4,288 3,671 2,108 1,239 1,415	0 14 24 21 18 10 6 7	254 9,362 16,655 14,452 12,223 6,972 3,764 4,763	0 14 24 21 18 10 5 7	21 647 1,035 901 756 405 226 225	1 15 25 21 18 9 5 5	<i>Results suppressed due to insufficient number of 2020 institutions.</i>							
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)		Total	317	100	20,613	100	68,445	100	4,216	100	13.5	14.6 *	-.12	14.5	-.11	13.9	-.04	
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	139 91 35 24 10 9 2 6	44 29 11 8 3 3 1 2	7,870 6,350 2,918 1,575 912 485 207 268	39 30 14 8 4 2 1 1	33,962 16,758 7,130 4,427 2,863 1,517 654 1,034	52 23 10 6 4 2 1 1	1,682 1,247 575 317 173 101 46 66	41 29 13 8 4 2 1 2	<i>Results suppressed due to insufficient number of 2020 institutions.</i>							
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)		Total	316	100	20,585	100	68,345	100	4,207	100	4.7	5.1	-.05	4.3	.07	5.0	-.04	

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	
c. Working for pay on campus	tmworkonhrs	0	0 hrs	236	74	14,517	71	52,552	78	3,086	74	<b>4.1</b>	3.8	.04	2.9 **	.19	3.7	.05
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	3	1	938	4	2,629	3	138	3							
	8	6-10 hrs	23	7	1,603	8	4,064	5	246	6								
	13	11-15 hrs	13	4	1,400	7	3,484	5	252	6								
	18	16-20 hrs	28	9	1,343	7	3,456	5	315	7								
	23	21-25 hrs	6	2	402	2	1,037	1	95	2								
	28	26-30 hrs	1	0	170	1	388	1	24	1								
	33	More than 30 hrs	7	2	207	1	699	1	48	1								
	Total				317	100	20,580	100	68,309	100	4,204							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	101	32	7,888	38	23,307	34	1,291	30	<b>15.4</b>	13.4 **	.16	15.6	-.02	15.0	.03
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	18	6	1,050	5	2,867	4	212	5							
	8	6-10 hrs	19	6	1,366	7	4,095	6	271	6								
	13	11-15 hrs	16	5	1,599	8	4,770	6	355	8								
	18	16-20 hrs	31	10	2,101	10	6,739	9	529	12								
	23	21-25 hrs	28	9	1,664	8	5,446	8	492	11								
	28	26-30 hrs	28	8	1,122	6	4,349	6	307	7								
	33	More than 30 hrs	75	24	3,813	19	16,819	27	751	20								
	Total				316	100	20,603	100	68,392	100	4,208							
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)									<b>19.5</b>	17.2 **	.17	18.5	.07	18.7	.06
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	161	52	10,373	51	34,704	51	2,001	48	<b>3.3</b>	2.9	.08	3.4	-.02	3.2	.01
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	107	33	7,290	35	21,343	31	1,561	36							
	8	6-10 hrs	15	4	1,455	7	5,819	8	320	7								
	13	11-15 hrs	16	5	649	3	2,826	4	138	3								
	18	16-20 hrs	8	3	391	2	1,672	2	91	2								
	23	21-25 hrs	3	1	201	1	728	1	39	1								
	28	26-30 hrs	2	1	78	0	359	1	22	1								
	33	More than 30 hrs	4	1	151	1	870	1	45	1								
	Total				316	100	20,588	100	68,321	100	4,217							

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri		Plains Public		Carnegie Class		Small Peer	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs <i>(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	8	2	439	2	2,490	4	92	2	<b>11.6</b>	11.4	.03	10.3 **	.16	11.5	.02	
		3	1-5 hrs	76	24	5,112	24	20,341	30	1,010	24								
		8	6-10 hrs	96	30	5,899	28	19,042	28	1,199	28								
		13	11-15 hrs	55	18	3,991	19	11,775	17	804	19								
		18	16-20 hrs	39	13	2,613	13	7,334	11	555	13								
		23	21-25 hrs	14	5	1,082	5	2,935	4	230	6								
		28	26-30 hrs	9	3	492	2	1,357	2	113	3								
		33	More than 30 hrs	18	6	942	5	3,061	5	206	5								
	Total			315	100	20,570	100	68,335	100	4,209	100								
g. Providing care for dependents (children, parents, etc.)	tmcarehrs <i>(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	193	61	14,143	69	38,496	55	2,977	70	<b>7.3</b>	5.7 *	.14	8.0	-.06	5.1 **	.20	
		3	1-5 hrs	34	11	1,669	8	8,294	12	411	10								
		8	6-10 hrs	11	4	795	4	4,309	7	157	4								
		13	11-15 hrs	10	4	582	3	2,905	4	117	3								
		18	16-20 hrs	13	4	468	2	2,264	4	82	2								
		23	21-25 hrs	4	1	298	2	1,315	2	50	1								
		28	26-30 hrs	0	0	209	1	904	1	31	1								
		33	More than 30 hrs	52	16	2,391	11	9,731	15	381	10								
	Total			317	100	20,555	100	68,218	100	4,206	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	74	24	4,880	23	17,255	27	594	15	<b>5.5</b>	4.4 **	.20	5.2	.03	5.1	.05	
		3	1-5 hrs	147	47	11,377	56	30,017	42	2,473	58								
		8	6-10 hrs	48	15	2,535	12	11,614	17	644	15								
		13	11-15 hrs	21	6	852	4	4,461	6	259	6								
		18	16-20 hrs	10	3	353	2	1,878	3	87	2								
		23	21-25 hrs	2	1	185	1	947	1	36	1								
		28	26-30 hrs	2	1	78	0	432	1	24	1								
		33	More than 30 hrs	13	4	313	2	1,745	2	88	2								
	Total			317	100	20,573	100	68,349	100	4,205	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
												<i>Your seniors compared with</i>							
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri		Plains Public		Carnegie Class		Small Peer	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																			
	reading	1	Very little	39	12	3,391	17	7,745	11	720	17	<b>2.8</b>	2.6 *	.12	2.9 *	-.12	2.6 *	.13	
		2	Some	100	32	6,526	32	18,529	27	1,385	33								
		3	About half	95	30	5,556	26	19,666	29	1,122	27								
		4	Most	55	17	3,666	18	15,518	23	691	17								
		5	Almost all	29	9	1,417	7	6,746	10	293	7								
			Total	318	100	20,556	100	68,204	100	4,211	100								
	tmreadinghrs											<b>6.6</b>	6.3	.04	7.3 *	-.12	6.1	.08	
	<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprehrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																		
	tmreadinghrscol	1	0 hrs	0	0	78	0	245	0	20	1								
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	167	54	10,884	54	32,005	47	2,349	56								
		3	More than 5, up to 10 hrs	87	27	5,750	28	19,724	29	1,106	26								
		4	More than 10, up to 15 hrs	28	9	1,899	9	7,340	11	376	9								
		5	More than 15, up to 20 hrs	19	6	983	5	4,214	6	171	4								
		6	More than 20, up to 25 hrs	8	2	605	3	2,950	4	116	3								
		7	More than 25 hrs	8	3	292	1	1,479	2	60	1								
			Total	317	100	20,491	100	67,957	100	4,198	100								
<b>18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																			
a. Writing clearly and effectively	pgwrite	1	Very little	21	8	1,095	6	3,081	5	223	6	<b>3.0</b>	2.9	.03	3.1	-.11	3.0	.00	
		2	Some	63	20	4,797	24	13,547	20	958	23								
		3	Quite a bit	127	40	8,285	41	27,092	39	1,718	41								
		4	Very much	105	32	6,326	30	24,351	36	1,299	30								
			Total	316	100	20,503	100	68,071	100	4,198	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Speaking clearly and effectively	pgspeak	1	Very little	19	7	1,578	8	4,596	7	290	7	<b>2.9</b>	2.9	.07	2.9	-.03	2.9	.00
		2	Some	80	25	5,213	26	15,358	23	973	24							
		3	Quite a bit	118	37	7,794	38	25,574	37	1,654	39							
		4	Very much	100	31	5,936	28	22,526	33	1,280	30							
		Total		317	100	20,521	100	68,054	100	4,197	100							
c. Thinking critically and analytically	pgthink	1	Very little	7	2	382	2	1,472	2	95	2	<b>3.2</b>	3.3 *	-.13	3.3 *	-.14	3.3	-.10
		2	Some	52	18	2,524	13	8,486	13	539	13							
		3	Quite a bit	125	38	8,162	40	25,870	38	1,672	40							
		4	Very much	132	41	9,460	45	32,261	47	1,901	44							
		Total		316	100	20,528	100	68,089	100	4,207	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	28	8	1,716	8	6,352	9	381	9	<b>2.8</b>	2.9	-.11	2.9	-.09	2.9	-.07
		2	Some	95	29	5,283	25	17,452	25	1,107	26							
		3	Quite a bit	116	38	7,105	35	23,157	34	1,482	36							
		4	Very much	78	25	6,415	32	21,126	32	1,232	30							
		Total		317	100	20,519	100	68,087	100	4,202	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	18	6	1,298	7	5,411	8	260	7	<b>3.1</b>	3.0	.11	3.0 *	.12	3.0	.09
		2	Some	63	21	4,502	22	15,085	22	903	22							
		3	Quite a bit	100	31	7,500	37	23,587	34	1,529	36							
		4	Very much	136	42	7,217	34	23,992	35	1,507	35							
		Total		317	100	20,517	100	68,075	100	4,199	100							
f. Working effectively with others	pgothers	1	Very little	15	6	865	5	3,642	6	180	5	<b>3.1</b>	3.1	.02	3.0	.04	3.1	-.02
		2	Some	64	21	4,030	21	13,475	21	761	19							
		3	Quite a bit	107	35	8,271	40	25,676	37	1,674	40							
		4	Very much	129	39	7,346	35	25,269	36	1,595	37							
		Total		315	100	20,512	100	68,062	100	4,210	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	34	12	2,041	11	6,234	10	354	9	<b>2.8</b>	2.8	-.03	2.9 *	-.12	2.9	-.12
		2	Some	85	28	5,230	26	15,495	23	980	24							
		3	Quite a bit	102	32	7,289	35	23,889	34	1,547	37							
		4	Very much	96	29	5,941	28	22,406	32	1,323	30							
		Total		317	100	20,501	100	68,024	100	4,204	100							

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

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Central Missouri

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public	Carnegie Class	Small Peer	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	29	10	1,862	10	5,717	9	308	8	<b>2.8</b>	2.8	.02	2.9	-.08	2.9	-.10
		2	Some	88	29	5,475	28	16,047	24	996	24							
		3	Quite a bit	97	30	7,189	35	23,196	33	1,497	36							
		4	Very much	103	31	5,986	28	23,088	33	1,403	32							
		Total		317	100	20,512	100	68,048	100	4,204	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	19	6	1,536	8	5,774	9	335	8	<b>2.9</b>	2.8	.04	2.9	.03	2.8	.04
		2	Some	90	30	5,478	27	17,635	26	1,106	27							
		3	Quite a bit	105	33	7,653	37	24,229	35	1,547	37							
		4	Very much	102	31	5,832	28	20,431	30	1,211	28							
		Total		316	100	20,499	100	68,069	100	4,199	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	48	16	2,518	13	7,732	12	416	10	<b>2.7</b>	2.7	.01	2.8	-.10	2.8	-.10
		2	Some	89	29	6,290	31	18,961	28	1,220	30							
		3	Quite a bit	91	28	6,745	32	22,309	32	1,431	34							
		4	Very much	89	27	4,980	23	19,127	28	1,140	27							
		Total		317	100	20,533	100	68,129	100	4,207	100							
<b>19. How would you evaluate your entire educational experience at this institution?</b>																		
	evalexp	1	Poor	6	2	406	2	1,605	3	80	2	<b>3.2</b>	3.2	-.02	3.3	-.04	3.2	.00
		2	Fair	38	12	2,265	12	8,094	12	478	12							
		3	Good	147	47	9,322	46	29,537	42	1,980	47							
		4	Excellent	127	39	8,577	40	29,154	43	1,669	39							
		Total		318	100	20,570	100	68,390	100	4,207	100							
<b>20. If you could start over again, would you go to the same institution you are now attending?</b>																		
	sameinst	1	Definitely no	12	4	776	4	3,094	5	165	4	<b>3.2</b>	3.2	-.03	3.3	-.04	3.2	-.02
		2	Probably no	34	11	2,303	12	8,281	12	464	11							
		3	Probably yes	138	44	8,219	41	25,895	37	1,752	42							
		4	Definitely yes	132	41	9,333	44	31,318	46	1,842	43							
		Total		316	100	20,631	100	68,588	100	4,223	100							

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

# NSSE 2020 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### University of Central Missouri

#### First-Year Students

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Central Missouri	Central Missouri	Plains Public	Carnegie Class	Small Peer	Central Missouri	Plains Public	Carnegie Class	Small Peer	Central Missouri	Plains Public	Carnegie Class	Small Peer	Comparisons with:			Comparisons with:			Comparisons with:						
														Plains Public	Carnegie Class	Small Peer	Plains Public	Carnegie Class	Small Peer	Plains Public	Carnegie Class	Small Peer				
1 a. askquest	303	2.70	2.73	2.79	2.73	.046	.008	.004	.018	.80	.84	.85	.82	10,874	47,718	2,263	.452	.071	.450	-.04	-.10	-.05				
b. unpreparedr	302	3.08	3.03	3.12	3.06	.042	.007	.004	.017	.74	.77	.77	.77	10,861	47,493	2,262	.228	.344	.613	.07	-.05	.03				
c. attendart	300	1.82	1.79	1.79	1.84	.053	.009	.004	.021	.91	.90	.90	.92	10,844	47,343	2,258	.581	.491	.822	.03	.04	-.01				
d. CLaskhelp	300	2.54	2.60	2.50	2.64	.053	.009	.004	.019	.91	.89	.91	.86	10,820	47,293	2,253	.268	.427	.073	-.06	.05	-.11				
e. CLexplain	298	2.59	2.67	2.59	2.73	.047	.008	.004	.018	.81	.83	.87	.82	10,792	302	2,247	.145	.913	.008	-.09	.01	-.16				
f. CLstudy	295	2.41	2.52	2.42	2.55	.054	.009	.005	.021	.93	.97	.98	.93	10,751	299	2,239	.076	.994	.022	-.10	.00	-.14				
g. CLproject	294	2.55	2.61	2.56	2.70	.048	.009	.004	.019	.83	.87	.92	.83	10,703	297	2,230	.239	.930	.006	-.07	.00	-.17				
h. present	294	2.19	2.15	2.33	2.40	.052	.009	.004	.020	.88	.89	.93	.88	10,689	297	2,225	.474	.008	.000	.04	-.15	-.24				
2 a. RIintegrate	282	2.59	2.55	2.55	2.60	.051	.008	.004	.019	.85	.82	.85	.83	10,544	45,720	2,197	.400	.424	.830	.05	.05	-.01				
b. RISocietal	279	2.56	2.49	2.56	2.54	.054	.008	.004	.019	.90	.85	.88	.84	10,450	45,331	2,174	.218	.996	.754	.07	.00	.02				
c. RIDiverse	274	2.38	2.45	2.54	2.51	.059	.009	.004	.020	.97	.89	.91	.87	286	44,864	339	.292	.004	.037	-.07	-.17	-.15				
d. Rlownview	273	2.72	2.71	2.76	2.76	.048	.008	.004	.018	.79	.79	.81	.78	10,296	44,277	2,151	.824	.414	.422	.01	-.05	-.05				
e. Rlperspect	267	2.95	2.85	2.91	2.90	.047	.008	.004	.018	.77	.79	.79	.77	10,173	43,556	2,126	.039	.358	.249	.13	.06	.08				
f. Rlnewview	260	2.77	2.80	2.85	2.81	.049	.008	.004	.018	.79	.77	.79	.78	10,074	42,869	2,101	.596	.099	.468	-.03	-.10	-.05				
g. RIconnect	257	2.94	2.99	3.01	3.01	.047	.007	.004	.017	.76	.73	.75	.73	9,963	42,264	2,090	.210	.103	.134	-.08	-.10	-.10				
3 a. SFcareer	255	2.49	2.37	2.31	2.41	.060	.009	.005	.021	.95	.90	.94	.90	266	42,234	2,078	.044	.002	.197	.14	.19	.09				
b. SFotherwork	252	1.91	1.83	1.78	1.88	.058	.009	.005	.022	.92	.91	.93	.94	9,942	42,015	2,071	.160	.022	.604	.09	.14	.03				
c. SFdiscuss	252	2.10	1.97	1.99	2.03	.056	.009	.004	.020	.89	.86	.90	.87	9,859	41,577	2,067	.016	.047	.239	.15	.13	.08				
d. SFperform	249	2.25	2.09	2.15	2.19	.057	.009	.004	.020	.90	.85	.90	.85	260	41,535	312	.006	.091	.355	.19	.11	.07				
4 a. memorize	248	2.84	2.89	2.90	2.97	.049	.008	.004	.018	.77	.78	.80	.78	9,812	41,194	2,054	.343	.287	.018	-.06	-.07	-.16				
b. HOapply	246	2.80	2.88	2.87	2.87	.051	.008	.004	.018	.80	.77	.80	.77	9,771	40,946	2,043	.109	.198	.202	-.10	-.08	-.09				
c. HOanalyze	238	2.82	2.83	2.88	2.86	.055	.008	.004	.019	.84	.79	.81	.79	9,671	40,446	2,015	.728	.242	.448	-.02	-.08	-.05				
d. HOevaluate	237	2.85	2.79	2.91	2.84	.053	.008	.004	.019	.81	.80	.80	.78	9,630	40,212	2,005	.274	.249	.915	.07	-.08	.01				
e. HOform	234	2.78	2.81	2.89	2.85	.054	.008	.004	.019	.83	.79	.80	.79	9,591	235	2,000	.547	.053	.210	-.04	-.13	-.09				
5 a. ETgoals	232	3.07	3.03	3.06	3.00	.050	.008	.004	.018	.76	.77	.79	.77	9,540	39,686	1,987	.449	.934	.214	.05	.01	.09				
b. ETorganize	231	2.99	2.96	2.97	2.93	.052	.008	.004	.019	.79	.80	.84	.81	9,507	233	1,984	.635	.727	.306	.03	.02	.07				
c. ETexample	233	2.90	2.98	3.00	2.94	.057	.008	.004	.020	.87	.81	.84	.82	242	235	289	.152	.083	.477	-.10	-.12	-.05				
d. ETdraftfb	231	2.73	2.70	2.86	2.73	.058	.009	.005	.021	.88	.90	.90	.88	9,476	39,367	1,974	.695	.031	.979	.03	-.14	.00				
e. ETfeedback	231	2.76	2.65	2.77	2.64	.054	.009	.005	.021	.82	.89	.90	.89	243	233	306	.050	.760	.045	.12	-.02	.13				
6 a. QRconclude	225	2.61	2.56	2.56	2.55	.053	.009	.004	.021	.79	.84	.87	.85	9,377	228	297	.350	.309	.305	.06	.06	.07				
b. QRproblem	223	2.36	2.31	2.33	2.35	.061	.009	.005	.021	.92	.88	.91	.87	9,324	38,427	1,934	.376	.650	.820	.06	.03	.02				
c. QRevaluate	222	2.29	2.31	2.30	2.34	.059	.009	.005	.021	.88	.85	.89	.86	9,314	38,289	1,931	.713	.831	.436	-.02	-.01	-.06				

# NSSE 2020 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### University of Central Missouri

#### First-Year Students

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Central Missouri	Central Missouri	Plains Public	Carnegie Class	Small Peer	Central Missouri	Plains Public	Carnegie Class	Small Peer	Central Missouri	Plains Public	Carnegie Class	Small Peer	Plains Public	Carnegie Class	Small Peer	Plains Public	Carnegie Class	Small Peer	Plains Public	Carnegie Class	Small Peer				
	Comparisons with:																									
7 a. wrshortnum	220	5.91	6.03	6.36	5.88	.337	.058	.029	.128	5.01	5.56	5.61	5.28	9,290	38,154	1,926	.761	.233	.928	-.02	-.08	.01				
b. wrmednum	220	2.17	2.01	2.35	2.09	.250	.034	.018	.076	3.70	3.19	3.44	3.15	227	38,053	262	.525	.421	.756	.05	-.05	.03				
c. wrlongnum	220	.81	.85	1.03	.86	.175	.029	.016	.067	2.59	2.75	3.03	2.76	9,274	38,065	1,918	.825	.288	.775	-.02	-.07	-.02				
— wrpages	220	47.21	46.46	52.81	47.01	4.854	.734	.387	1.718	72.02	69.64	75.08	70.69	9,223	37,815	1,911	.875	.269	.969	.01	-.07	.00				
8 a. DDrace	218	3.02	2.90	2.98	2.97	.062	.009	.005	.021	.91	.90	.93	.89	9,256	37,993	1,914	.044	.544	.383	.14	.04	.06				
b. DDeconomic	218	2.99	2.94	2.96	2.99	.061	.009	.005	.021	.90	.86	.90	.85	9,241	37,856	1,911	.443	.653	.914	.05	.03	-.01				
c. DDreligion	218	2.84	2.92	2.87	2.95	.065	.009	.005	.022	.96	.90	.95	.89	226	37,863	266	.277	.648	.113	-.08	-.03	-.12				
d. DDpolitical	218	2.89	2.95	2.84	2.99	.065	.009	.005	.021	.96	.89	.95	.87	226	37,886	265	.405	.403	.148	-.06	.06	-.11				
9 a. LSreading	218	2.79	2.92	3.00	2.93	.054	.008	.004	.018	.80	.77	.77	.75	227	219	269	.018	.000	.015	-.17	-.27	-.18				
b. LSnotes	218	2.85	2.85	2.93	2.89	.061	.009	.005	.021	.89	.87	.87	.86	9,194	37,528	1,909	.977	.150	.535	.00	-.10	-.04				
c. LSsummary	216	2.70	2.76	2.84	2.79	.063	.009	.004	.021	.93	.86	.87	.86	224	218	264	.391	.026	.174	-.06	-.16	-.11				
10. challenge	216	5.32	5.36	5.41	5.33	.092	.013	.006	.030	1.36	1.19	1.25	1.21	224	37,271	262	.698	.309	.951	-.03	-.07	.00				
11 a. intern <sup>l</sup>	216	.061	.071	.067	.063	.0164	.0027	.0013	.0059	--	--	--	--	--	--	--	.600	.768	.918	-.04	-.02	-.01				
b. leader <sup>l</sup>	216	.154	.120	.087	.129	.0246	.0034	.0015	.0082	--	--	--	--	--	--	--	.133	.001	.313	.10	.21	.07				
c. learncom <sup>l</sup>	216	.099	.160	.105	.107	.0204	.0039	.0016	.0076	--	--	--	--	--	--	--	.016	.790	.736	-.18	-.02	-.02				
d. abroad <sup>l</sup>	216	.017	.024	.024	.024	.0089	.0016	.0008	.0037	--	--	--	--	--	--	--	.536	.527	.559	-.05	-.05	-.04				
e. research <sup>l</sup>	216	.032	.045	.041	.038	.0120	.0022	.0010	.0047	--	--	--	--	--	--	--	.360	.483	.649	-.07	-.05	-.03				
f. capstone <sup>l</sup>	216	.046	.019	.019	.019	.0142	.0014	.0007	.0033	--	--	--	--	--	--	--	.005	.005	.012	.16	.15	.15				
12. servcourse	216	1.55	1.65	1.67	1.74	.047	.007	.004	.017	.69	.69	.72	.69	9,051	36,665	1,886	.052	.017	.000	-.13	-.16	-.27				
13 a. QIstudent	214	5.32	5.46	5.40	5.43	.095	.014	.007	.033	1.39	1.31	1.40	1.33	8,964	35,425	1,871	.121	.381	.261	-.11	-.06	-.08				
b. QIadvisor	208	5.66	5.41	5.36	5.39	.106	.017	.009	.039	1.53	1.56	1.62	1.57	8,939	35,544	1,857	.023	.007	.018	.16	.19	.17				
c. QIfaculty	212	5.41	5.37	5.41	5.33	.092	.014	.007	.033	1.33	1.33	1.42	1.34	8,940	214	1,862	.652	.967	.387	.03	.00	.06				
d. QIstaff	200	5.05	5.23	5.19	5.27	.123	.017	.009	.038	1.75	1.49	1.62	1.48	207	31,791	239	.148	.245	.093	-.12	-.08	-.14				
e. QIadmin	198	4.99	5.21	5.19	5.26	.122	.017	.009	.038	1.71	1.52	1.61	1.50	8,413	33,923	1,770	.043	.079	.019	-.15	-.13	-.18				
14 a. empstudy	213	2.98	3.04	3.05	3.05	.051	.008	.004	.018	.74	.72	.76	.72	9,002	36,343	1,871	.230	.149	.204	-.08	-.10	-.09				
b. SEacademic	214	3.00	3.01	3.04	3.02	.054	.009	.004	.020	.79	.80	.84	.80	8,965	216	1,862	.822	.415	.712	-.02	-.05	-.03				
c. SElearnsup	213	3.01	3.04	3.10	3.07	.065	.009	.005	.021	.95	.87	.89	.86	8,959	36,233	1,862	.603	.127	.293	-.04	-.10	-.08				
d. SEdiverse	213	2.55	2.69	2.76	2.82	.068	.010	.005	.022	.99	.93	.96	.90	222	36,160	260	.049	.002	.000	-.15	-.21	-.29				
e. SEsocial	213	2.88	2.92	2.92	3.01	.060	.009	.005	.020	.87	.85	.91	.82	8,941	36,071	264	.477	.556	.047	-.05	-.04	-.15				
f. SEwellness	212	2.76	2.91	2.90	3.00	.061	.009	.005	.021	.89	.87	.92	.83	8,927	36,003	261	.014	.027	.000	-.17	-.15	-.28				



# NSSE 2020 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### University of Central Missouri

#### First-Year Students

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Central Missouri	Central Missouri	Plains Public	Carnegie Class	Small Peer	Central Missouri	Plains Public	Carnegie Class	Small Peer	Central Missouri	Plains Public	Carnegie Class	Small Peer	Plains Public	Carnegie Class	Small Peer	Plains Public	Carnegie Class	Small Peer	Plains Public	Carnegie Class	Small Peer				
	Comparisons with:																									
g. SEnonacad	214	2.29	2.31	2.39	2.42	.065	.010	.005	.024	.96	.94	.99	.96	8,927	35,978	1,854	.777	.140	.067	-.02	-.10	-.13				
h. SEactivities	213	2.68	2.75	2.69	2.87	.060	.010	.005	.021	.88	.91	.99	.87	8,906	216	1,847	.230	.779	.002	-.08	-.02	-.22				
i. SEevents	213	2.19	2.40	2.44	2.55	.064	.010	.005	.023	.93	.93	.98	.92	8,905	215	1,851	.001	.000	.000	-.23	-.26	-.40				
15 a. SBmyself	213	3.15	3.23	3.25	--	.052	.011	.005	--	.76	.67	.69	--	3,752	20,845	--	.092	.031	--	-.12	-.15	--				
b. SBvalued	213	2.91	2.94	3.03	--	.049	.012	.005	--	.72	.72	.73	--	3,751	20,821	--	.666	.018	--	-.03	-.16	--				
c. SBcommunity	213	2.91	2.98	3.01	--	.057	.012	.005	--	.84	.73	.77	--	231	215	--	.223	.105	--	-.10	-.12	--				
16 a. tmprephrs	211	13.37	14.00	13.59	13.06	.500	.083	.042	.186	7.26	7.75	7.98	7.53	8,879	213	1,846	.243	.662	.570	-.08	-.03	.04				
b. tmcocurrhrs	211	7.25	5.75	5.01	6.01	.571	.074	.037	.177	8.30	6.90	6.97	7.14	217	212	252	.010	.000	.039	.22	.32	.17				
c. tmworkonhrs	210	2.60	2.69	2.14	2.57	.398	.063	.030	.145	5.78	5.89	5.60	5.84	8,865	212	1,835	.826	.252	.933	-.02	.08	.01				
d. tmworkoffhrs	212	8.23	6.39	7.79	6.36	.752	.110	.061	.242	10.95	10.21	11.41	9.79	220	35,763	257	.016	.573	.019	.18	.04	.19				
— tmworkhrs	210	10.80	9.05	9.90	8.90	.820	.126	.067	.285	11.89	11.67	12.65	11.48	8,839	35,587	263	.032	.302	.030	.15	.07	.16				
e. tmservicehrs	209	2.51	2.41	2.57	2.65	.296	.050	.027	.115	4.28	4.68	5.06	4.65	8,873	35,735	1,838	.764	.864	.689	.02	-.01	-.03				
f. tmrelaxhrs	212	13.82	12.99	12.08	13.20	.583	.091	.046	.211	8.49	8.47	8.69	8.54	8,872	35,753	1,842	.162	.004	.323	.10	.20	.07				
g. tmcarehrs	210	3.49	3.02	4.19	1.99	.554	.084	.047	.138	8.04	7.83	8.76	5.57	8,855	35,673	236	.394	.247	.009	.06	-.08	.25				
h. tmcommutehrs	212	5.21	3.72	4.50	3.92	.516	.060	.035	.139	7.51	5.60	6.67	5.60	217	213	242	.004	.171	.016	.26	.11	.22				
17. reading	211	2.54	2.59	2.81	2.58	.078	.011	.006	.026	1.13	1.05	1.08	1.06	8,856	35,694	1,836	.505	.000	.535	-.05	-.25	-.05				
— tmreadinghrs	210	5.73	5.86	6.47	5.59	.391	.056	.031	.129	5.67	5.22	5.74	5.19	8,818	35,538	1,831	.727	.063	.718	-.02	-.13	.03				
18 a. pgwrite	211	2.71	2.68	2.87	2.74	.060	.009	.004	.021	.87	.87	.84	.84	8,826	35,477	1,826	.656	.006	.634	.03	-.19	-.03				
b. pgspeak	211	2.50	2.61	2.77	2.73	.066	.010	.005	.021	.96	.89	.90	.84	219	212	255	.114	.000	.001	-.12	-.30	-.27				
c. pgthink	211	3.00	3.02	3.08	3.04	.054	.008	.004	.019	.78	.79	.80	.78	8,821	213	1,828	.637	.129	.465	-.03	-.10	-.05				
d. pganalyze	211	2.47	2.67	2.67	2.63	.067	.010	.005	.023	.97	.92	.94	.91	8,826	35,492	1,828	.002	.002	.020	-.22	-.21	-.17				
e. pgwork	211	2.59	2.64	2.62	2.60	.067	.010	.005	.023	.97	.92	.95	.92	8,829	35,472	1,828	.378	.558	.798	-.06	-.04	-.02				
f. pgothers	211	2.81	2.83	2.86	2.86	.064	.009	.005	.021	.94	.85	.88	.83	219	35,458	255	.730	.366	.401	-.03	-.06	-.07				
g. pgvalues	211	2.58	2.65	2.74	2.73	.069	.010	.005	.022	1.00	.92	.94	.88	219	212	254	.294	.021	.036	-.08	-.17	-.17				
h. pgdiverse	212	2.65	2.72	2.83	2.84	.067	.010	.005	.022	.98	.92	.93	.88	220	213	257	.258	.006	.007	-.08	-.20	-.22				
i. pgprobsolve	212	2.55	2.63	2.67	2.66	.062	.010	.005	.022	.90	.91	.93	.90	8,820	35,501	1,829	.225	.075	.090	-.08	-.12	-.12				
j. pgcitizen	207	2.45	2.59	2.68	2.69	.070	.010	.005	.022	1.00	.93	.94	.91	215	35,540	251	.051	.000	.001	-.15	-.24	-.26				
19. evalexp	213	3.02	3.17	3.16	3.15	.050	.008	.004	.018	.73	.71	.74	.72	8,861	214	1,839	.003	.008	.016	-.20	-.18	-.18				
20. sameinst	215	3.08	3.25	3.20	3.21	.059	.008	.004	.019	.86	.76	.81	.78	8,893	35,870	1,848	.002	.036	.025	-.21	-.14	-.16				
21. returnexp <sup>1</sup>	214	.852	.897	.869	.882	.0243	.0033	.0018	.0080	--	--	--	--	--	--	--	.031	.454	.203	-.14	-.05	-.09				

# NSSE 2020 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### University of Central Missouri

#### Seniors

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Central Missouri	Central Missouri	Plains Public	Carnegie Class	Small Peer	Central Missouri	Plains Public	Carnegie Class	Small Peer	Central Missouri	Plains Public	Carnegie Class	Small Peer	Plains Public	Carnegie Class	Small Peer	Plains Public	Carnegie Class	Small Peer	Plains Public	Carnegie Class	Small Peer				
	Comparisons with:																									
1 a. askquest	418	3.15	3.02	3.05	3.07	.042	.007	.004	.017	.85	.87	.89	.85	14,065	55,618	2,991	.002	.020	.072	.15	.11	.09				
b. unpreparedr	414	3.08	2.97	3.09	2.99	.041	.007	.003	.016	.84	.81	.80	.80	437	55,346	542	.013	.667	.059	.13	-.02	.10				
c. attendart	412	1.71	1.69	1.68	1.74	.045	.007	.004	.018	.91	.86	.87	.89	14,027	55,228	2,985	.745	.519	.459	.02	.03	-.04				
d. CLaskhelp	413	2.32	2.43	2.33	2.55	.045	.008	.004	.017	.91	.93	.93	.89	14,020	55,223	2,981	.023	.955	.000	-.11	.00	-.25				
e. CLexplain	413	2.70	2.68	2.60	2.78	.044	.008	.004	.017	.90	.88	.93	.84	14,001	55,134	537	.683	.031	.071	.02	.11	-.10				
f. CLstudy	413	2.35	2.43	2.36	2.53	.052	.009	.004	.019	1.05	1.01	1.02	.98	13,951	54,892	533	.109	.865	.001	-.08	-.01	-.18				
g. CLproject	409	2.72	2.83	2.68	2.92	.047	.008	.004	.017	.95	.90	1.00	.88	431	54,638	526	.015	.469	.000	-.13	.04	-.23				
h. present	409	2.62	2.60	2.65	2.74	.047	.008	.004	.019	.96	.96	1.01	.94	13,898	415	2,959	.604	.590	.017	.03	-.03	-.13				
2 a. RIintegrate	401	2.89	2.90	2.89	2.98	.042	.007	.004	.016	.84	.82	.86	.81	13,779	54,105	2,940	.772	.914	.035	-.01	-.01	-.11				
b. RISocietal	398	2.71	2.70	2.80	2.77	.047	.008	.004	.018	.94	.89	.90	.89	418	402	515	.825	.054	.192	.01	-.10	-.07				
c. RIDiverse	396	2.46	2.51	2.63	2.62	.050	.008	.004	.019	.99	.95	.96	.95	13,675	53,492	2,921	.264	.000	.002	-.06	-.18	-.16				
d. Rlownview	397	2.81	2.79	2.85	2.83	.043	.007	.004	.016	.85	.82	.83	.81	13,607	53,077	2,908	.628	.331	.612	.02	-.05	-.03				
e. Rlperspect	391	2.90	2.92	2.99	2.96	.041	.007	.004	.016	.81	.80	.80	.79	13,473	52,495	2,883	.569	.030	.164	-.03	-.11	-.08				
f. RInewview	382	2.88	2.92	2.97	2.96	.039	.007	.003	.015	.76	.77	.79	.77	13,365	51,958	2,860	.327	.024	.057	-.05	-.12	-.10				
g. RIconnect	379	3.17	3.16	3.20	3.18	.038	.006	.003	.014	.73	.71	.72	.71	13,272	51,474	2,846	.928	.324	.776	.00	-.05	-.02				
3 a. SFcareer	377	2.57	2.44	2.46	2.56	.052	.009	.004	.020	1.00	.97	1.00	.98	13,256	51,481	2,843	.014	.031	.860	.13	.11	.01				
b. SFotherwork	374	2.12	1.98	1.91	2.08	.053	.009	.005	.021	1.02	1.00	1.02	1.03	13,227	51,297	2,831	.007	.000	.441	.14	.21	.04				
c. SFdiscuss	372	2.19	2.12	2.13	2.27	.049	.008	.004	.019	.94	.92	.97	.93	13,148	50,888	2,819	.174	.267	.128	.07	.06	-.08				
d. SFperform	375	2.29	2.16	2.28	2.28	.048	.008	.004	.018	.94	.89	.94	.91	394	50,883	2,818	.006	.757	.828	.15	.02	.01				
4 a. memorize	367	2.71	2.71	2.75	2.78	.045	.008	.004	.017	.86	.87	.88	.86	13,084	50,604	2,802	.935	.337	.128	.00	-.05	-.09				
b. HOapply	367	3.03	3.04	3.07	3.03	.042	.007	.004	.016	.81	.77	.79	.79	13,052	50,395	2,800	.767	.340	.855	-.02	-.05	-.01				
c. HOanalyze	363	2.96	2.97	3.04	2.99	.043	.007	.004	.016	.82	.80	.81	.81	12,957	49,945	2,788	.840	.072	.542	-.01	-.09	-.03				
d. HOevaluate	363	2.92	2.85	2.99	2.90	.044	.008	.004	.017	.84	.84	.83	.84	12,904	49,723	2,777	.166	.099	.822	.07	-.09	.01				
e. HOform	359	2.93	2.90	2.99	2.94	.042	.007	.004	.016	.80	.81	.81	.81	12,870	49,525	2,773	.500	.152	.865	.04	-.08	-.01				
5 a. ETgoals	352	3.17	3.13	3.17	3.14	.042	.007	.004	.016	.78	.77	.79	.77	12,793	49,238	2,755	.248	.879	.445	.06	.01	.04				
b. ETorganize	347	3.13	3.06	3.07	3.06	.042	.007	.004	.016	.78	.80	.85	.79	12,777	49,096	2,750	.143	.198	.118	.08	.07	.09				
c. ETexample	347	3.16	3.09	3.10	3.08	.042	.007	.004	.016	.79	.80	.84	.80	12,753	49,046	2,747	.115	.187	.062	.09	.07	.11				
d. ETdraftfb	347	2.92	2.72	2.84	2.78	.049	.008	.004	.019	.91	.94	.95	.92	367	48,959	2,748	.000	.123	.009	.21	.08	.15				
e. ETfeedback	347	2.94	2.79	2.88	2.82	.046	.008	.004	.018	.86	.88	.91	.87	367	351	2,737	.002	.189	.018	.16	.07	.14				
6 a. QRconclude	340	2.67	2.65	2.63	2.62	.051	.008	.004	.018	.94	.89	.90	.89	12,612	48,337	2,715	.697	.495	.372	.02	.04	.05				
b. QRproblem	338	2.41	2.42	2.45	2.42	.049	.008	.004	.019	.91	.94	.95	.94	12,576	48,134	2,711	.895	.471	.933	-.01	-.04	.00				
c. QRevaluate	339	2.39	2.42	2.42	2.42	.050	.008	.004	.018	.92	.89	.92	.89	12,557	47,989	2,704	.568	.586	.526	-.03	-.03	-.04				

# NSSE 2020 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### University of Central Missouri

#### Seniors

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Central Missouri	Central Missouri	Plains Public	Carnegie Class	Small Peer	Central Missouri	Plains Public	Carnegie Class	Small Peer	Central Missouri	Plains Public	Carnegie Class	Small Peer	Plains Public	Carnegie Class	Small Peer	Plains Public	Carnegie Class	Small Peer	Plains Public	Carnegie Class	Small Peer				
	Comparisons with:																									
7 a. wrshortnum	338	7.27	7.54	7.77	7.04	.357	.060	.030	.133	6.56	6.65	6.62	6.46	12,526	47,795	2,701	.463	.165	.540	-.04	-.08	.04				
b. wrmednum	338	3.41	3.20	3.97	3.16	.253	.038	.022	.086	4.66	4.20	4.70	4.17	12,493	47,653	2,692	.378	.030	.312	.05	-.12	.06				
c. wrlongnum	337	1.62	1.68	2.17	1.71	.199	.031	.018	.070	3.66	3.42	4.01	3.38	12,508	342	2,695	.759	.006	.676	-.02	-.14	-.02				
— wrpages	336	73.04	73.13	87.22	71.61	5.268	.810	.470	1.849	96.50	89.09	101.94	89.60	12,432	47,311	2,682	.985	.011	.787	.00	-.14	.02				
8 a. DDrace	336	3.00	2.93	3.05	2.91	.051	.008	.004	.019	.93	.91	.94	.90	12,508	47,721	2,694	.200	.347	.107	.07	-.05	.09				
b. DDeconomic	334	2.99	2.99	3.01	2.98	.048	.008	.004	.017	.88	.85	.91	.85	12,483	47,566	2,686	.985	.711	.777	.00	-.02	.02				
c. DDreligion	335	2.94	2.96	2.93	2.94	.048	.008	.004	.018	.87	.90	.95	.89	12,483	340	2,685	.732	.760	.957	-.02	.02	.00				
d. DDpolitical	336	2.98	2.98	2.87	2.98	.048	.008	.004	.018	.89	.89	.95	.87	12,480	341	2,689	.981	.029	.972	.00	.11	.00				
9 a. LSreading	331	3.14	3.01	3.12	3.04	.044	.007	.004	.016	.79	.80	.78	.78	12,440	47,404	2,678	.005	.685	.031	.16	.02	.13				
b. LSnotes	330	2.86	2.75	2.90	2.81	.051	.008	.004	.019	.92	.93	.92	.91	12,432	47,344	2,676	.021	.525	.318	.13	-.04	.06				
c. LSsummary	330	2.89	2.76	2.89	2.82	.049	.008	.004	.018	.89	.89	.89	.87	12,430	47,335	2,672	.010	.992	.171	.14	.00	.08				
10. challenge	327	5.62	5.46	5.63	5.44	.070	.012	.006	.027	1.27	1.29	1.30	1.31	12,369	47,038	2,656	.031	.912	.019	.12	-.01	.14				
11 a. intern <sup>l</sup>	323	.500	.502	.429	.490	.0278	.0046	.0023	.0104	--	--	--	--	--	--	--	.959	.010	.724	.00	.14	.02				
b. leader <sup>l</sup>	319	.381	.389	.272	.362	.0272	.0044	.0021	.0100	--	--	--	--	--	--	--	.772	.000	.519	-.02	.23	.04				
c. learncom <sup>l</sup>	320	.296	.237	.198	.226	.0256	.0039	.0018	.0087	--	--	--	--	--	--	--	.015	.000	.006	.13	.23	.16				
d. abroad <sup>l</sup>	318	.119	.135	.092	.124	.0182	.0031	.0013	.0068	--	--	--	--	--	--	--	.416	.102	.813	-.05	.09	-.01				
e. research <sup>l</sup>	316	.220	.208	.188	.207	.0233	.0037	.0018	.0084	--	--	--	--	--	--	--	.609	.150	.618	.03	.08	.03				
f. capstone <sup>l</sup>	320	.441	.446	.428	.442	.0278	.0045	.0023	.0103	--	--	--	--	--	--	--	.860	.634	.973	-.01	.03	.00				
12. servcourse	315	1.82	1.76	1.79	1.88	.041	.006	.003	.015	.73	.71	.74	.71	12,267	46,522	2,625	.104	.503	.204	.09	.04	-.08				
13 a. QIstudent	307	5.56	5.65	5.61	5.58	.071	.011	.006	.027	1.25	1.24	1.36	1.27	12,059	44,303	2,595	.184	.497	.726	-.08	-.04	-.02				
b. QIadvisor	308	5.34	5.40	5.37	5.30	.099	.015	.008	.036	1.73	1.66	1.72	1.71	12,169	45,521	2,603	.533	.734	.684	-.04	-.02	.02				
c. QIfaculty	310	5.82	5.50	5.61	5.48	.065	.012	.007	.028	1.14	1.32	1.40	1.33	331	315	430	.000	.001	.000	.24	.16	.26				
d. QIstaff	241	5.33	5.15	5.10	5.09	.100	.016	.009	.036	1.55	1.58	1.73	1.58	10,078	244	2,180	.085	.026	.029	.11	.13	.15				
e. QIadmin	292	5.29	5.20	5.14	5.15	.083	.015	.008	.033	1.41	1.57	1.69	1.56	11,443	296	2,480	.341	.079	.165	.06	.09	.09				
14 a. empstudy	316	3.04	3.06	3.09	3.04	.042	.007	.004	.015	.74	.75	.77	.74	12,238	320	2,623	.496	.173	.963	-.04	-.07	.00				
b. SEacademic	312	2.90	2.93	2.96	2.94	.048	.008	.004	.017	.86	.83	.88	.81	12,205	46,147	392	.634	.235	.465	-.03	-.07	-.05				
c. SElearnsup	316	2.81	2.83	2.89	2.81	.054	.008	.004	.019	.97	.91	.95	.93	330	46,096	2,621	.649	.117	.998	-.03	-.09	.00				
d. SEdiverse	317	2.58	2.56	2.64	2.70	.057	.009	.005	.020	1.01	.96	1.01	.94	12,191	45,999	394	.713	.251	.041	.02	-.06	-.13				
e. SEsocial	315	2.75	2.79	2.76	2.90	.052	.008	.004	.018	.92	.89	.96	.87	12,182	45,941	395	.412	.943	.008	-.05	.00	-.17				
f. SEwellness	315	2.71	2.73	2.71	2.84	.050	.009	.005	.019	.89	.93	.98	.91	12,155	320	2,611	.672	.969	.013	-.02	.00	-.15				

# NSSE 2020 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### University of Central Missouri

#### Seniors

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Central Missouri					Plains Public				Carnegie Class				Small Peer				Comparisons with:			Comparisons with:			Comparisons with:		
	Central Missouri	Central Missouri	Plains Public	Carnegie Class	Small Peer	Central Missouri	Plains Public	Carnegie Class	Small Peer	Central Missouri	Plains Public	Carnegie Class	Small Peer	Plains Public	Carnegie Class	Small Peer	Plains Public	Carnegie Class	Small Peer	Plains Public	Carnegie Class	Small Peer				
g. SEnonacad	314	2.15	2.08	2.16	2.15	.058	.009	.005	.020	1.03	.95	1.01	.97	327	45,814	2,616	.204	.875	.951	.08	-.01	.00				
h. SEactivities	313	2.45	2.49	2.39	2.60	.054	.009	.005	.020	.95	.97	1.03	.93	12,146	317	2,607	.502	.249	.008	-.04	.06	-.16				
i. SEevents	311	2.13	2.24	2.27	2.42	.052	.009	.005	.020	.91	.93	.99	.94	327	315	404	.038	.010	.000	-.12	-.14	-.31				
15 a. SBmyself	312	3.26	3.32	3.35	--	.039	.010	.004	--	.69	.69	.70	--	4,750	28,726	--	.181	.041	--	-.08	-.12	--				
b. SBvalued	311	2.95	2.88	3.01	--	.045	.012	.005	--	.79	.82	.82	--	359	28,708	--	.128	.240	--	.09	-.07	--				
c. SBcommunity	314	2.90	2.98	2.98	--	.043	.012	.005	--	.76	.80	.82	--	4,752	28,711	--	.074	.091	--	-.10	-.10	--				
16 a. tmprephrs	313	13.55	14.57	14.48	13.89	.462	.079	.040	.174	8.18	8.61	8.54	8.31	330	45,667	2,605	.029	.054	.496	-.12	-.11	-.04				
b. tmcocurrhrs	312	4.72	5.07	4.25	5.01	.399	.064	.033	.148	7.05	6.95	6.95	7.10	12,104	45,608	2,598	.380	.234	.506	-.05	.07	-.04				
c. tmworkonhrs	313	4.15	3.84	2.89	3.74	.453	.066	.031	.153	8.01	7.21	6.60	7.33	325	315	387	.505	.006	.397	.04	.19	.05				
d. tmworkoffhrs	312	15.39	13.36	15.60	14.99	.767	.120	.065	.267	13.54	13.07	13.74	12.77	326	45,634	390	.009	.785	.623	.16	-.02	.03				
— tmworkhrs	311	19.45	17.19	18.49	18.75	.757	.119	.065	.265	13.34	12.95	13.70	12.66	12,069	45,432	2,585	.002	.215	.359	.17	.07	.06				
e. tmservicehrs	311	3.28	2.89	3.38	3.20	.340	.047	.028	.116	6.00	5.11	5.96	5.53	322	45,578	2,603	.257	.767	.818	.08	-.02	.01				
f. tmrelaxhrs	310	11.64	11.37	10.32	11.50	.484	.075	.038	.172	8.52	8.11	8.14	8.23	12,095	45,588	2,597	.566	.005	.775	.03	.16	.02				
g. tmcarehrs	313	7.31	5.75	8.04	5.15	.688	.102	.057	.219	12.17	11.06	12.20	10.47	326	45,521	378	.026	.289	.003	.14	-.06	.20				
h. tmcommutehrs	312	5.48	4.37	5.24	5.15	.410	.052	.032	.127	7.25	5.61	6.77	6.06	321	45,604	373	.008	.538	.441	.20	.03	.05				
17. reading	314	2.79	2.65	2.93	2.64	.064	.011	.005	.024	1.14	1.15	1.15	1.15	12,089	45,500	2,602	.031	.029	.037	.12	-.12	.13				
— tmreadinghrs	313	6.57	6.32	7.33	6.13	.356	.054	.030	.121	6.30	5.80	6.43	5.76	12,052	45,321	2,594	.455	.037	.214	.04	-.12	.08				
18 a. pgwrite	311	2.96	2.94	3.06	2.96	.051	.008	.004	.018	.91	.87	.87	.87	12,062	45,403	2,593	.635	.051	.978	.03	-.11	.00				
b. pgspeak	312	2.92	2.86	2.95	2.92	.051	.008	.004	.019	.91	.92	.92	.91	12,074	45,396	2,594	.221	.637	.952	.07	-.03	.00				
c. pgthink	311	3.18	3.28	3.29	3.26	.046	.007	.004	.016	.81	.76	.78	.78	12,074	45,424	2,597	.023	.012	.090	-.13	-.14	-.10				
d. pganalyze	312	2.80	2.90	2.89	2.86	.052	.009	.005	.020	.91	.94	.96	.94	12,073	45,413	2,598	.062	.099	.243	-.11	-.09	-.07				
e. pgwork	312	3.09	2.99	2.97	3.00	.053	.008	.004	.019	.93	.91	.95	.91	12,070	45,417	2,595	.064	.028	.128	.11	.12	.09				
f. pgothers	311	3.07	3.05	3.03	3.08	.051	.008	.004	.018	.91	.85	.90	.86	324	45,402	2,599	.722	.446	.775	.02	.04	-.02				
g. pgvalues	312	2.77	2.80	2.89	2.88	.056	.009	.005	.020	1.00	.97	.97	.95	12,061	45,382	392	.595	.034	.059	-.03	-.12	-.12				
h. pgdiverse	313	2.82	2.80	2.90	2.92	.055	.009	.005	.020	.98	.96	.97	.94	12,067	45,390	394	.710	.149	.118	.02	-.08	-.10				
i. pgprobsolve	311	2.89	2.85	2.86	2.85	.052	.008	.004	.019	.92	.92	.95	.93	12,060	45,412	2,594	.459	.590	.475	.04	.03	.04				
j. pgcitizen	313	2.66	2.66	2.76	2.76	.059	.009	.005	.020	1.04	.98	.99	.96	326	315	387	.903	.098	.109	.01	-.10	-.10				
19. evalexp	314	3.22	3.24	3.26	3.23	.042	.007	.004	.015	.74	.74	.77	.74	12,104	45,650	2,600	.673	.429	.959	-.02	-.04	.00				
20. sameinst	312	3.22	3.24	3.25	3.23	.046	.007	.004	.017	.80	.81	.84	.81	12,138	45,781	2,606	.594	.478	.748	-.03	-.04	-.02				

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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."