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# NSSE 2022

## Frequencies and Statistical Comparisons

California State University, Chico

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# NSSE 2022 Frequencies and Statistical Comparisons


## About This Report

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

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

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

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



### NSSE Frequencies and Statistical Comparisons

NSSEville State University

Item wording or description	Variable name <sup>a</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>	
<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	3	0	244	2	54	2	6,952	3	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
		2	Sometimes	135	20	4,397	27	845	29	75,222	33								
		3	Often	112	33	5,947	37	1,086	38	81,724	35								
		4	Very often	280	46	5,440	34	889	31	66,983	29								
			Total	630	100	16,028	100	2,874	100	230,881	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16	2.5	2.5	-.04	2.6 **	-.09	2.6	-.05	
		2	Sometimes	267	42	5,959	37	978	34	79,495	34								
		3	Often	164	26	4,548	29	858	31	67,348	29								
		4	Very often	113	19	3,072	20	611	21	47,208	21								
			Total	626	100	15,948	100	2,851	100	229,541	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6	3.1	3.1	.02	3.1	-.04	3.0	.06	
		2	Sometimes	56	9	1,666	11	262	10	28,134	13								
		3	Often	384	63	9,147	57	1,586	57	128,802	56								
		4	Very often	150	24	4,267	27	851	29	58,873	26								
			Total	615	100	15,858	100	2,833	100	228,352	100								

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

8. **Key to symbols:**

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

Note: It is important to interpret the direction of differences relative to item wording and your institutional context. You may not see all of these symbols in your report.

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico				Far West Public				Carnegie Class				NSSE 2021 & 2022				CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	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>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	8	4	418	4	1,783	5	6,499	4	2.7	2.7	-.02	2.8	-.11	2.8	-.12									
		2	Sometimes	98	44	5,007	42	14,725	37	67,639	38																
		3	Often	76	33	4,159	35	13,952	34	64,192	35																
		4	Very often	43	19	2,187	19	9,607	24	43,552	24																
		Total		225	100	11,771	100	40,067	100	181,882	100																
b. Asked another student to help you understand course material	CLaskhelp	1	Never	20	10	1,668	15	8,932	25	28,024	17	2.5	2.4	.04	2.2 ***	.25	2.4	.09									
		2	Sometimes	106	47	4,932	42	16,059	39	74,644	41																
		3	Often	67	31	3,377	29	9,764	23	50,899	27																
		4	Very often	28	13	1,717	15	5,057	12	27,232	14																
		Total		221	100	11,694	100	39,812	100	180,799	100																
c. Explained course material to one or more students	CLexplain	1	Never	19	9	1,329	11	7,542	21	21,980	14	2.5	2.4	.13	2.3 ***	.29	2.4	.11									
		2	Sometimes	92	42	5,536	47	16,581	41	76,438	42																
		3	Often	81	37	3,437	30	11,059	26	56,856	30																
		4	Very often	30	13	1,388	12	4,601	11	25,308	14																
		Total		222	100	11,690	100	39,783	100	180,582	100																
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	43	20	3,028	26	12,172	33	43,999	26	2.2	2.2	.04	2.1 *	.15	2.2	.01									
		2	Sometimes	97	44	4,586	39	13,827	34	66,172	37																
		3	Often	58	26	2,854	25	9,070	22	45,206	24																
		4	Very often	22	9	1,170	10	4,474	11	24,177	13																
		Total		220	100	11,638	100	39,543	100	179,554	100																
e. Worked with other students on course projects or assignments	CLproject	1	Never	18	9	1,321	11	8,276	24	24,511	15	2.5	2.5	.01	2.3 ***	.22	2.4	.07									
		2	Sometimes	98	44	5,006	42	14,614	36	71,016	40																
		3	Often	78	35	3,747	33	11,359	28	57,007	31																
		4	Very often	27	12	1,514	14	5,106	12	26,171	14																
		Total		221	100	11,588	100	39,355	100	178,705	100																
f. Given a course presentation	present	1	Never	32	15	2,696	24	10,243	29	43,604	26	2.3	2.1 **	.21	2.1 ***	.23	2.1 ***	.22									
		2	Sometimes	105	49	5,249	45	16,255	41	80,277	44																
		3	Often	60	26	2,715	23	8,908	21	38,721	21																
		4	Very often	23	10	916	8	3,862	9	15,749	8																
		Total		220	100	11,576	100	39,268	100	178,351	100																

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico				Far West Public				Carnegie Class				NSSE 2021 & 2022				CSU, Chico				Far West Public				Carnegie Class				NSSE 2021 & 2022																	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%				
<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	17	8	1,210	10	4,520	12	17,562	11	<b>2.4</b>														2.5				-11				2.5				-09				2.5 *				-12			
		2	Sometimes	101	48	4,636	40	14,921	39	68,239	39																																						
		3	Often	77	35	4,146	37	13,653	35	63,886	36																																						
		4	Very often	20	8	1,432	13	5,622	14	26,108	15																																						
		Total		215	100	11,424	100	38,716	100	175,795	100																																						
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	24	13	1,184	10	4,050	11	17,007	11	<b>2.5</b>														2.6				-11				2.6				-11				2.6				-11			
		2	Sometimes	82	39	4,198	37	13,931	36	64,159	37																																						
		3	Often	75	35	4,178	37	13,788	35	62,775	35																																						
		4	Very often	29	13	1,783	16	6,612	17	30,315	17																																						
		Total		210	100	11,343	100	38,381	100	174,256	100																																						
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	16	8	1,095	10	4,433	13	17,252	11	<b>2.7</b>														2.6				.02				2.6				.08				2.6				.05			
		2	Sometimes	74	37	3,967	36	13,279	35	60,638	35																																						
		3	Often	77	37	4,138	37	13,075	34	61,352	34																																						
		4	Very often	40	18	2,054	18	7,220	18	33,461	19																																						
		Total		207	100	11,254	100	38,007	100	172,703	100																																						
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	14	7	558	5	1,914	5	8,435	5	<b>2.6</b>														2.8 *				-16				2.8 **				-19				2.8 **				-18			
		2	Sometimes	72	36	3,557	32	11,609	31	52,597	31																																						
		3	Often	90	43	5,026	45	16,596	44	76,588	44																																						
		4	Very often	28	14	1,968	18	7,440	20	32,981	20																																						
		Total		204	100	11,109	100	37,559	100	170,601	100																																						
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	10	5	330	3	1,300	4	5,111	4	<b>2.8</b>														2.9				-10				2.9				-10				2.9				-11			
		2	Sometimes	53	28	2,835	26	9,465	26	42,735	26																																						
		3	Often	97	48	5,179	47	16,913	45	78,155	46																																						
		4	Very often	43	20	2,634	24	9,342	25	41,846	25																																						
		Total		203	100	10,978	100	37,020	100	167,847	100																																						
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	9	5	345	4	1,255	4	5,599	4	<b>2.8</b>														2.8				-07				2.9				-09				2.8				-08			
		2	Sometimes	58	31	3,233	30	10,895	30	49,313	30																																						
		3	Often	92	45	4,932	45	16,105	44	73,228	44																																						
		4	Very often	38	19	2,326	21	8,174	23	37,064	22																																						
		Total		197	100	10,836	100	36,429	100	165,204	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 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico				Far West Public				Carnegie Class				NSSE 2021 & 2022				CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	5	2	173	2	679	2	2,665	2	<b>2.9</b>	3.0	-.13	3.0 *	-.17	3.0 *	-.17									
		2	Sometimes	47	26	2,407	22	7,593	21	33,650	21																
		3	Often	97	50	5,366	50	17,467	48	79,977	48																
		4	Very often	44	22	2,794	26	10,252	29	46,902	29																
		Total		193	100	10,740	100	35,991	100	163,194	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	45	23	2,990	29	7,464	23	34,767	23	<b>2.2</b>	2.1 *	.15	2.3	-.02	2.2	-.01									
		2	Sometimes	82	43	4,567	43	15,055	42	70,123	43																
		3	Often	40	21	2,147	20	8,595	23	37,436	22																
		4	Very often	26	13	1,025	9	4,863	13	20,683	12																
		Total		193	100	10,729	100	35,977	100	163,009	100																
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	97	52	6,129	57	18,625	54	82,155	52	<b>1.8</b>	1.6 *	.19	1.7	.09	1.7	.06									
		2	Sometimes	50	27	2,947	28	10,019	27	48,088	29																
		3	Often	24	12	1,119	11	4,752	12	21,400	13																
		4	Very often	18	9	483	5	2,415	7	10,522	6																
		Total		189	100	10,678	100	35,811	100	162,165	100																
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	71	38	4,736	43	13,186	39	58,464	38	<b>1.9</b>	1.8	.04	1.9	-.07	1.9	-.08									
		2	Sometimes	83	46	3,777	37	13,416	37	62,497	38																
		3	Often	18	10	1,514	15	6,058	17	27,665	17																
		4	Very often	14	7	564	5	2,756	8	11,853	7																
		Total		186	100	10,591	100	35,416	100	160,479	100																
d. Discussed your academic performance with a faculty member	SFperform	1	Never	65	35	3,652	34	8,521	26	42,284	27	<b>2.0</b>	1.9	.06	2.2 *	-.18	2.1	-.13									
		2	Sometimes	77	41	4,597	43	15,476	43	71,459	44																
		3	Often	28	15	1,753	17	7,857	22	32,998	20																
		4	Very often	17	9	598	6	3,571	10	13,732	8																
		Total		187	100	10,600	100	35,425	100	160,473	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	11	6	553	5	1,733	5	7,563	5	<b>2.8</b>	2.8	-.06	2.8	-.09	2.9	-.12									
		2	Some	57	30	3,073	30	9,976	29	43,529	28																
		3	Quite a bit	82	44	4,621	44	15,278	43	69,730	44																
		4	Very much	36	19	2,272	22	8,185	23	38,520	24																
		Total		186	100	10,519	100	35,172	100	159,342	100																

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico				Far West Public				Carnegie Class				NSSE 2021 & 2022				CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	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. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	7	4	534	5	1,501	4	6,458	4	<b>2.8</b>	2.8	-.07	2.9	-.12	2.9	-.14									
		2	Some	63	34	3,063	29	9,636	28	41,654	27																
		3	Quite a bit	80	44	4,765	46	15,849	45	72,584	45																
		4	Very much	34	18	2,116	21	7,973	23	37,677	23																
		Total		184	100	10,478	100	34,959	100	158,373	100																
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	11	7	485	5	1,477	4	6,401	4	<b>2.7</b>	2.9 **	-.23	2.9 **	-.25	2.9 ***	-.25									
		2	Some	60	35	2,895	27	9,571	28	42,194	27																
		3	Quite a bit	76	43	4,654	45	15,206	44	69,699	44																
		4	Very much	30	15	2,330	23	8,243	24	38,202	24																
		Total		177	100	10,364	100	34,497	100	156,496	100																
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	8	5	411	4	1,273	4	6,153	4	<b>2.9</b>	2.9	-.02	2.9	-.06	2.9	-.03									
		2	Some	43	25	2,725	27	8,649	25	40,516	26																
		3	Quite a bit	87	49	4,732	46	15,826	45	70,659	45																
		4	Very much	37	21	2,450	23	8,590	25	38,365	24																
		Total		175	100	10,318	100	34,338	100	155,693	100																
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	10	6	404	4	1,271	4	5,802	4	<b>2.8</b>	2.9	-.13	2.9 *	-.15	2.9	-.13									
		2	Some	48	28	2,661	26	8,752	26	40,092	26																
		3	Quite a bit	83	48	4,821	47	15,696	46	71,322	46																
		4	Very much	34	18	2,385	23	8,412	24	37,634	24																
		Total		175	100	10,271	100	34,131	100	154,850	100																
<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	4	298	3	955	3	4,158	3	<b>2.9</b>	3.0	-.12	3.1 *	-.19	3.0 *	-.15									
		2	Some	46	26	2,317	23	7,149	21	32,790	22																
		3	Quite a bit	78	45	4,543	45	14,596	43	69,771	45																
		4	Very much	45	25	3,054	29	11,251	33	47,242	31																
		Total		176	100	10,212	100	33,951	100	153,961	100																
b. Taught course sessions in an organized way	ETorganize	1	Very little	10	6	604	6	1,884	6	7,550	5	<b>2.9</b>	2.9	.01	3.0	-.08	2.9	-.06									
		2	Some	43	24	2,566	25	7,603	22	34,948	23																
		3	Quite a bit	79	45	4,336	43	13,982	41	66,998	43																
		4	Very much	44	25	2,676	25	10,323	31	43,959	29																
		Total		176	100	10,182	100	33,792	100	153,455	100																

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico				Far West Public				Carnegie Class				NSSE 2021 & 2022				CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	10	6	513	5	1,598	5	6,487	5	<b>2.9</b>	2.9	-.09	3.0	-.13	3.0	-.12									
		2	Some	50	29	2,510	25	7,930	23	36,109	24																
		3	Quite a bit	67	38	4,192	42	13,687	40	64,370	42																
		4	Very much	48	27	2,942	29	10,539	31	46,210	30																
		Total		175	100	10,157	100	33,754	100	153,176	100																
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	15	9	822	9	2,525	8	12,013	8	<b>2.6</b>	2.8 *	-0.18	2.9 ***	-0.29	2.8 **	-0.24									
		2	Some	68	39	3,139	32	8,857	27	43,494	29																
		3	Quite a bit	65	37	3,556	35	12,163	35	55,996	36																
		4	Very much	27	16	2,623	25	10,147	30	41,390	27																
		Total		175	100	10,140	100	33,692	100	152,893	100																
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	26	15	1,062	11	2,822	9	14,246	10	<b>2.5</b>	2.6 *	-0.18	2.8 ***	-0.36	2.7 ***	-0.27									
		2	Some	67	39	3,479	35	9,863	29	48,485	32																
		3	Quite a bit	55	31	3,513	35	12,048	36	55,506	36																
		4	Very much	27	15	2,035	19	8,799	26	33,946	22																
		Total		175	100	10,089	100	33,532	100	152,183	100																
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	9	5	452	4	1,415	4	6,165	4	<b>2.9</b>	2.9	-0.10	3.0 *	-0.19	3.0	-0.14									
		2	Some	51	30	2,521	25	7,508	22	36,024	24																
		3	Quite a bit	66	38	4,198	42	13,546	40	64,714	42																
		4	Very much	48	26	2,858	28	10,866	33	44,476	30																
		Total		174	100	10,029	100	33,335	100	151,379	100																
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	4	3	368	4	1,162	4	5,244	4	<b>2.9</b>	2.9	-0.02	3.0	-0.10	3.0	-0.07									
		2	Some	52	29	2,560	26	7,774	23	36,143	24																
		3	Quite a bit	72	42	4,447	45	14,399	43	68,120	45																
		4	Very much	45	25	2,630	25	9,896	30	41,426	27																
		Total		173	100	10,005	100	33,231	100	150,933	100																
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	17	10	1,144	11	3,126	10	14,643	10	<b>2.5</b>	2.5	.01	2.7	-0.14	2.6	-0.08									
		2	Some	71	41	3,780	39	11,215	34	53,780	36																
		3	Quite a bit	57	33	3,515	35	12,101	36	55,775	36																
		4	Very much	27	16	1,558	15	6,718	20	26,410	18																
		Total		172	100	9,997	100	33,160	100	150,608	100																

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico				Far West Public				Carnegie Class				NSSE 2021 & 2022				CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	10	6	316	3	1,137	4	4,637	3	<b>2.9</b>	3.1 **	-0.21	3.1 **	-0.24	3.1 **	-0.23									
		2	Some	41	25	1,988	20	6,463	19	28,828	19																
		3	Quite a bit	74	44	4,355	44	14,007	42	65,969	43																
		4	Very much	46	25	3,301	33	11,489	35	50,883	34																
		Total		171	100	9,960	100	33,096	100	150,317	100																
<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	16	10	900	9	3,600	11	15,128	10	<b>2.5</b>	2.6	-0.14	2.6	-0.10	2.6	-0.12									
		2	Sometimes	74	44	3,786	38	12,333	37	55,857	37																
		3	Often	58	35	3,731	39	11,650	36	53,793	37																
		4	Very often	21	12	1,392	15	5,019	16	23,235	16																
		Total		169	100	9,809	100	32,602	100	148,013	100																
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	35	22	1,625	16	5,824	18	26,252	18	<b>2.2</b>	2.4 *	-0.20	2.4 *	-0.20	2.4 *	-0.19									
		2	Sometimes	76	45	4,038	41	12,801	39	58,902	40																
		3	Often	41	23	2,992	31	9,573	29	43,591	30																
		4	Very often	17	10	1,114	12	4,246	13	18,563	13																
		Total		169	100	9,769	100	32,444	100	147,308	100																
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	30	18	1,663	16	6,238	19	25,913	18	<b>2.2</b>	2.4	-0.14	2.3	-0.10	2.3	-0.13									
		2	Sometimes	80	48	4,164	42	13,266	41	61,089	41																
		3	Often	44	26	2,934	31	9,228	29	43,618	30																
		4	Very often	14	8	962	10	3,514	11	15,958	11																
		Total		168	100	9,723	100	32,246	100	146,578	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	18	12	599	6	2,596	9	10,056	7	<b>5.8</b>	6.4	-0.10	6.2	-0.06	6.5	-0.11									
		1.5	1-2	34	19	2,049	21	6,676	21	29,655	20																
		4	3-5	52	31	3,377	34	10,397	32	46,693	32																
		8	6-10	35	20	2,021	22	6,919	21	32,162	22																
		13	11-15	17	11	867	9	2,892	9	14,431	10																
		18	16-20	7	4	326	3	1,214	4	6,006	4																
		23	More than 20	4	2	456	5	1,514	5	7,377	5																
Total		167	100	9,695	100	32,208	100	146,380	100																		

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



# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	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. Between 6 and 10 pages	wrmednum	0	None	85	50	3,805	38	13,012	42	56,498	40	<b>2.0</b>	2.4	-.11	2.3	-.09	2.3	-.09	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	44	27	3,201	34	10,349	31	50,019	33								
	4	3-5	20	12	1,563	16	5,058	15	23,963	16									
	8	6-10	12	7	719	8	2,415	8	10,113	7									
	13	11-15	4	3	204	2	681	2	3,165	2									
	18	16-20	2	1	69	1	221	1	882	1									
	23	More than 20	0	0	98	1	303	1	1,177	1									
	Total			167	100	9,659	100	32,039	100	145,817	100								
c. 11 pages or more	wrlongnum	0	None	131	77	7,478	76	24,669	77	112,723	77	<b>1.1</b>	1.2	-.01	1.2	-.01	1.1	.02	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	19	11	1,189	13	4,104	12	19,952	13								
	4	3-5	7	5	399	4	1,318	4	5,571	4									
	8	6-10	6	4	264	3	870	3	3,487	3									
	13	11-15	2	1	185	2	640	2	2,477	2									
	18	16-20	3	2	53	1	174	1	620	0									
	23	More than 20	0	0	97	1	280	1	1,088	1									
	Total			168	100	9,665	100	32,055	100	145,918	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>50.8</b>	55.5	-.06	54.2	-.04	53.4	-.03	
<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	12	7	582	6	2,750	10	9,064	7	<b>3.0</b>	2.9	.07	2.9	.14	2.9	.08	
		2	Sometimes	34	22	2,629	27	8,494	27	39,231	27								
		3	Often	57	34	3,289	34	10,157	31	47,215	32								
		4	Very often	65	37	3,164	33	10,681	33	50,453	34								
			Total	168	100	9,664	100	32,082	100	145,963	100								
b. People from an economic background other than your own	DDeconomic	1	Never	8	5	706	7	2,752	10	8,892	7	<b>2.9</b>	2.8	.10	2.8	.10	2.9	.02	
		2	Sometimes	42	25	2,923	30	8,637	27	38,421	27								
		3	Often	70	42	3,490	37	11,223	34	53,064	36								
		4	Very often	48	27	2,521	27	9,392	29	45,274	31								
			Total	168	100	9,640	100	32,004	100	145,651	100								

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico				Far West Public				Carnegie Class				NSSE 2021 & 2022				CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
c. People with religious beliefs other than your own	DDreligion	1	Never	11	7	1,052	10	3,538	12	13,079	9	<b>2.8</b>	2.7	.06	2.7	.05	2.8	-.03									
		2	Sometimes	53	32	3,096	32	9,340	29	42,278	29																
		3	Often	61	37	3,099	32	10,105	31	47,072	32																
		4	Very often	42	24	2,385	25	9,003	28	43,183	30																
		Total		167	100	9,632	100	31,986	100	145,612	100																
d. People with political views other than your own	DDpolitical	1	Never	21	13	1,324	13	3,744	13	13,237	10	<b>2.6</b>	2.5	.04	2.7	-.10	2.8 *	▽									
		2	Sometimes	59	34	3,676	39	10,024	32	45,988	31																
		3	Often	56	34	2,674	28	9,787	30	45,838	31																
		4	Very often	32	19	1,967	20	8,416	26	40,524	28																
		Total		168	100	9,641	100	31,971	100	145,587	100																
e. People with a sexual orientation other than your own	ddsexorient	1	Never	18	11	513	11	2,822	14	9,100	11	<b>2.7</b>	2.8	-.08	2.7	.04	2.8	-.05									
		2	Sometimes	46	28	1,390	29	6,612	30	27,150	30																
		3	Often	63	38	1,510	31	6,633	28	27,912	30																
		4	Very often	40	23	1,378	30	6,325	27	27,698	29																
		Total		167	100	4,791	100	22,392	100	91,860	100																
f. People from a country other than your own	ddcountry	1	Never	39	23	765	15	3,982	19	12,218	14	<b>2.2</b>	2.5 ***	-0.28	2.4 ***	-0.24	2.5 ***	-0.35									
		2	Sometimes	72	43	1,985	43	8,636	39	36,542	40																
		3	Often	42	25	1,172	24	5,219	22	22,833	24																
		4	Very often	15	9	867	18	4,580	20	20,371	22																
		Total		168	100	4,789	100	22,417	100	91,964	100																
<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	4	2	227	3	820	3	3,539	3	<b>2.8</b>	2.9	-.11	3.0 *	-0.18	3.0	-0.15									
		2	Sometimes	51	31	2,383	25	7,430	23	35,006	25																
		3	Often	77	46	4,642	49	14,722	46	67,365	46																
		4	Very often	34	20	2,339	24	8,822	28	38,815	26																
		Total		166	100	9,591	100	31,794	100	144,725	100																
b. Reviewed your notes after class	LSnotes	1	Never	4	3	469	5	1,526	5	7,071	5	<b>2.8</b>	2.8	-.07	2.9 *	-0.18	2.9	-0.15									
		2	Sometimes	66	40	2,991	32	8,770	28	41,589	29																
		3	Often	59	36	3,510	36	11,601	36	53,061	36																
		4	Very often	38	22	2,618	26	9,867	31	42,920	29																
		Total		167	100	9,588	100	31,764	100	144,641	100																

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico				Far West Public				Carnegie Class				NSSE 2021 & 2022				CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	12	8	598	7	1,581	5	7,443	5	<b>2.7</b>	2.7	.00	2.9 *	-0.15	2.8	-0.12									
		2	Sometimes	52	30	3,158	34	9,088	29	43,346	30																
		3	Often	71	44	3,814	40	12,696	39	57,551	39																
		4	Very often	31	19	2,021	20	8,393	26	36,237	25																
		Total		166	100	9,591	100	31,758	100	144,577	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	0	0	88	1	287	1	1,227	1	<b>5.3</b>	5.3	.03	5.4	-0.10	5.4	-0.06									
		2		1	1	136	2	424	1	1,888	1																
		3		8	6	458	5	1,530	5	6,952	5																
		4		23	13	1,401	15	4,080	13	18,453	13																
		5		66	40	3,420	37	10,126	32	48,064	33																
		6		41	24	2,204	23	7,247	23	35,582	24																
		7	Very much	28	16	1,843	18	7,876	25	31,560	22																
Total		167	100	9,550	100	31,570	100	143,726	100																		
<b>11. Which of the following have you done while in college 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 (Means indicate the percentage who responded "Done or in progress.")	Have not decided		42	25	1,989	20	6,012	21	22,889	17	<b>8%</b>	5%	.13	6%	.08	7%	.07									
		Do not plan to do		6	4	572	6	2,446	9	9,051	7																
		Plan to do		104	63	6,531	68	21,054	64	101,995	69																
		Done or in progress		13	8	435	5	1,986	6	9,486	7																
		Total		165	100	9,527	100	31,498	100	143,421	100																
b. Hold a formal leadership role in a student organization or group	leader (Means indicate the percentage who responded "Done or in progress.")	Have not decided		57	34	3,406	35	10,333	33	43,803	31	<b>7%</b>	7%	.03	8%	-0.02	9%	-0.05									
		Do not plan to do		53	32	2,659	29	8,876	30	36,713	27																
		Plan to do		43	26	2,869	29	9,624	29	49,488	33																
		Done or in progress		12	7	566	7	2,553	8	13,047	9																
		Total		165	100	9,500	100	31,386	100	143,051	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		72	44	3,890	40	12,067	39	52,315	37	<b>10%</b>	8%	.06	8%	.07	10%	.00									
		Do not plan to do		38	24	2,076	23	7,950	27	36,020	26																
		Plan to do		38	23	2,833	28	8,599	26	40,161	28																
		Done or in progress		16	10	673	8	2,671	8	14,050	10																
		Total		164	100	9,472	100	31,287	100	142,546	100																

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico				Far West Public				Carnegie Class				NSSE 2021 & 2022				CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
d. Participate in a study abroad program	abroad  <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	70	43	3,256	34	10,221	33	43,978	31	<b>2%</b>	2%	.03	2%	-.01	2%	-.02									
			Do not plan to do	52	31	2,934	32	11,544	39	46,183	34																
			Plan to do	39	23	3,159	33	8,901	27	49,469	33																
			Done or in progress	3	2	125	2	613	2	2,949	2																
			Total	164	100	9,474	100	31,279	100	142,579	100																
e. Work with a faculty member on a research project	research  <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	83	52	4,175	44	13,404	43	56,758	40	<b>4%</b>	4%	.00	4%	-.03	5%	-.04									
			Do not plan to do	41	23	2,148	22	7,934	26	33,842	24																
			Plan to do	35	21	2,848	31	8,580	27	45,473	31																
			Done or in progress	6	4	313	4	1,384	4	6,507	5																
			Total	165	100	9,484	100	31,302	100	142,580	100																
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone  <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	83	50	3,920	40	11,762	38	50,289	36	<b>1%</b>	1%	-.09	2%	-.15	2%	-.14									
			Do not plan to do	21	13	1,014	11	3,785	13	15,746	12																
			Plan to do	58	37	4,412	48	15,061	47	73,708	50																
			Done or in progress	1	1	126	1	666	2	2,729	2																
			Total	163	100	9,472	100	31,274	100	142,472	100																
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																											
	servcourse		1 None	73	45	5,013	54	15,102	51	71,729	52	<b>1.6</b>	1.6	.14	1.6	.04	1.6	.08									
			2 Some	74	45	3,577	38	12,720	39	57,083	39																
			3 Most	15	9	707	7	2,513	8	10,320	7																
			4 All	1	1	125	1	700	2	2,459	2																
			Total	163	100	9,422	100	31,035	100	141,591	100																
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																											
a. Students	QIstudent		1 Poor	3	2	242	2	834	3	3,200	2	<b>5.1</b>	5.2	-.09	5.3 *	-.15	5.3 *	-.16									
			2	5	3	317	3	848	3	3,732	3																
			3	12	8	597	6	1,727	5	7,856	6																
			4	29	18	1,371	14	3,824	12	17,671	12																
			5	47	30	2,504	27	7,580	24	36,927	26																
			6	38	23	2,251	24	7,251	23	36,708	25																
			7 Excellent	28	16	1,917	20	6,989	23	31,582	22																
			— Not applicable	1	1	230	2	2,029	8	4,067	3																
			Total	163	100	9,429	100	31,082	100	141,743	100																

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico				Far West Public				Carnegie Class				NSSE 2021 & 2022				CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	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. Academic advisors	QIadvisor	1	Poor	6	4	290	3	875	3	4,061	3	<b>5.1</b>	5.3	-.09	5.5 **	-21	5.4	-.15									
		2		5	3	388	4	1,110	4	5,320	4																
		3		9	6	671	7	2,023	6	9,419	7																
		4		27	17	1,156	12	3,447	11	17,417	12																
		5		40	25	1,948	21	5,680	18	27,662	19																
		6		37	23	1,995	22	6,453	21	30,722	21																
		7	Excellent	36	21	2,545	26	10,750	35	44,104	31																
		—	Not applicable	3	2	424	5	726	3	2,888	2																
	Total	163	100	9,417	100	31,064	100	141,593	100																		
c. Faculty	QIfaculty	1	Poor	5	3	273	3	569	2	2,476	2	<b>5.1</b>	5.2	-.03	5.4 **	-21	5.3	-.15									
		2		3	2	337	3	787	3	3,557	3																
		3		6	4	606	6	1,671	5	7,633	5																
		4		29	18	1,338	14	3,751	12	18,275	13																
		5		47	29	2,331	26	7,256	23	36,038	25																
		6		47	29	2,333	26	8,061	25	38,781	27																
		7	Excellent	24	14	1,788	18	8,273	27	32,166	23																
		—	Not applicable	2	1	406	4	677	3	2,600	2																
	Total	163	100	9,412	100	31,045	100	141,526	100																		
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	5	3	468	5	1,180	4	5,060	4	<b>4.9</b>	4.9	-.02	5.2 *	-18	5.1	-.14									
		2		9	6	456	5	1,148	4	5,404	4																
		3		12	8	614	7	1,897	6	9,209	6																
		4		26	16	1,064	12	3,499	11	18,201	13																
		5		37	23	1,660	18	5,540	17	28,338	19																
		6		30	19	1,582	18	5,750	18	28,476	20																
		7	Excellent	26	15	1,576	16	7,110	23	28,742	20																
		—	Not applicable	18	10	1,988	21	4,909	18	18,059	14																
	Total	163	100	9,408	100	31,033	100	141,489	100																		

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico				Far West Public				Carnegie Class				NSSE 2021 & 2022				CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	2	1	423	4	1,018	3	4,817	4	<b>5.1</b>	4.9	.11	5.2	-.08	5.1	.01									
		2		4	2	478	5	1,219	4	5,760	4																
		3		10	7	671	7	1,995	6	9,924	7																
		4		27	17	1,252	14	3,853	12	19,549	14																
		5		39	24	1,888	20	6,092	19	29,862	21																
		6		29	17	1,749	19	6,208	20	29,223	20																
		7	Excellent	29	17	1,721	17	8,127	26	30,211	21																
		—	Not applicable	22	14	1,232	14	2,549	9	12,236	9																
	Total	162	100	9,414	100	31,061	100	141,582	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	1	1	180	2	632	2	2,595	2	<b>3.0</b>	3.1	-.11	3.1	-.10	3.1	-.10									
		2	Some	42	26	1,832	20	6,347	20	27,854	20																
		3	Quite a bit	76	48	4,502	49	14,614	47	67,035	47																
		4	Very much	41	25	2,863	30	9,339	30	43,564	30																
			Total	160	100	9,377	100	30,932	100	141,048	100																
b. Providing support to help students succeed academically	SEacademic	1	Very little	5	4	469	5	1,653	6	6,842	5	<b>2.9</b>	2.9	.06	3.0	-.02	2.9	.02									
		2	Some	42	27	2,353	26	7,023	23	33,970	25																
		3	Quite a bit	67	42	4,080	44	12,693	41	60,387	42																
		4	Very much	47	28	2,454	25	9,506	30	39,531	28																
			Total	161	100	9,356	100	30,875	100	140,730	100																
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	15	9	800	9	2,394	8	10,243	8	<b>2.9</b>	2.9	.04	3.0	-.05	3.0	-.03									
		2	Some	35	22	2,008	22	6,066	20	29,042	21																
		3	Quite a bit	54	34	3,597	40	11,307	37	53,915	38																
		4	Very much	56	34	2,951	30	11,064	35	47,347	33																
			Total	160	100	9,356	100	30,831	100	140,547	100																
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	22	15	1,159	13	3,855	14	16,867	13	<b>2.6</b>	2.7	-.09	2.7	-.09	2.7	-.10									
		2	Some	53	32	2,694	29	8,762	29	41,775	30																
		3	Quite a bit	51	33	3,364	36	10,643	34	49,233	35																
		4	Very much	34	20	2,122	22	7,510	24	32,518	23																
			Total	160	100	9,339	100	30,770	100	140,393	100																

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
e. Providing opportunities to be involved socially	SEsocial	1	Very little	11	8	1,049	11	3,024	11	12,336	10	<b>2.8</b>	2.7	.09	2.8	.01	2.8	-.02	
		2	Some	46	30	2,718	30	8,063	27	37,157	27								
		3	Quite a bit	64	41	3,526	38	11,645	37	54,611	38								
		4	Very much	37	22	2,057	21	7,996	25	36,101	25								
		Total		158	100	9,350	100	30,728	100	140,205	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	17	11	934	10	3,061	11	13,007	10	<b>2.7</b>	2.7	-.07	2.8	-.08	2.8	-.09	
		2	Some	50	30	2,609	29	8,304	28	39,061	28								
		3	Quite a bit	58	37	3,463	38	11,246	36	53,133	37								
		4	Very much	35	21	2,330	23	8,086	25	34,899	25								
		Total		160	100	9,336	100	30,697	100	140,100	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	35	23	2,375	26	7,267	25	35,936	26	<b>2.2</b>	2.2	.00	2.3	-.08	2.2	-.02	
		2	Some	71	43	3,326	37	10,715	35	51,775	37								
		3	Quite a bit	37	24	2,469	26	8,184	26	34,849	25								
		4	Very much	16	10	1,172	11	4,492	14	17,330	13								
		Total		159	100	9,342	100	30,658	100	139,890	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	16	11	2,307	23	6,066	22	21,194	17	<b>2.6</b>	2.4 **	.24	2.5	.13	2.6	.01	
		2	Some	62	38	2,791	30	8,115	27	38,731	28								
		3	Quite a bit	46	28	2,784	31	10,020	31	49,289	34								
		4	Very much	35	22	1,448	15	6,432	20	30,625	21								
		Total		159	100	9,330	100	30,633	100	139,839	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	33	22	2,292	24	7,044	25	28,247	21	<b>2.3</b>	2.3	.01	2.3	-.04	2.4	-.08	
		2	Some	65	41	3,198	35	9,994	33	49,438	35								
		3	Quite a bit	39	24	2,644	29	8,868	28	41,715	29								
		4	Very much	21	13	1,194	12	4,739	15	20,422	14								
		Total		158	100	9,328	100	30,645	100	139,822	100								

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	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>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	6	4	169	2	705	2	3,208	2	<b>3.0</b>	3.2 *	-0.22	3.2 ***	-0.32	3.2 ***	-0.27	
		2	Disagree	15	11	732	9	2,411	8	11,888	9								
		3	Agree	105	66	5,752	61	16,613	53	77,857	55								
		4	Strongly agree	32	20	2,674	28	10,910	36	46,846	34								
		Total		158	100	9,327	100	30,639	100	139,799	100								
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	5	3	282	4	1,031	4	5,584	4	<b>2.9</b>	2.9	-0.07	3.0 *	-0.21	3.0	-0.10	
		2	Disagree	34	21	1,478	18	4,522	15	24,008	18								
		3	Agree	95	61	5,792	61	17,342	56	79,152	56								
		4	Strongly agree	25	15	1,759	18	7,702	25	30,846	22								
		Total		159	100	9,311	100	30,597	100	139,590	100								
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	8	5	383	5	1,269	4	6,213	5	<b>2.8</b>	2.9	-0.10	3.0 **	-0.23	2.9 *	-0.18	
		2	Disagree	41	26	1,885	21	5,433	18	26,502	19								
		3	Agree	85	54	5,348	57	16,427	53	74,912	53								
		4	Strongly agree	25	15	1,709	17	7,522	24	32,128	23								
		Total		159	100	9,325	100	30,651	100	139,755	100								
<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 <i>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	0	0	38	0	154	1	558	0	<b>14.5</b>	15.4	-0.10	14.5	.00	15.2	-0.08	
		3	1-5 hrs	17	11	1,093	11	4,038	14	15,221	11								
		8	6-10 hrs	35	22	2,049	21	6,884	22	28,812	21								
		13	11-15 hrs	43	27	2,023	22	6,724	22	30,982	22								
		18	16-20 hrs	32	20	1,739	19	6,017	20	28,346	20								
		23	21-25 hrs	17	10	1,150	13	3,374	11	17,312	12								
		28	26-30 hrs	7	4	551	6	1,647	5	8,971	6								
		33	More than 30 hrs	8	5	660	8	1,689	6	9,077	7								
		Total		159	100	9,303	100	30,527	100	139,279	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 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	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. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	<i>tmcocurrhrs</i> ( <i>Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.</i> )	0	0 hrs	81	50	5,303	55	14,329	50	55,903	42	<b>4.3</b>	3.5	.13	4.5	-.02	4.9	-.08	
		3	1-5 hrs	36	24	2,230	24	7,730	24	41,102	28								
		8	6-10 hrs	17	11	784	9	3,397	11	18,279	13								
		13	11-15 hrs	10	6	481	6	2,207	7	10,992	8								
		18	16-20 hrs	10	6	264	3	1,374	4	6,560	5								
		23	21-25 hrs	2	1	112	1	694	2	3,218	2								
		28	26-30 hrs	1	1	45	1	303	1	1,268	1								
		33	More than 30 hrs	1	1	73	1	439	1	1,722	1								
	Total			158	100	9,292	100	30,473	100	139,044	100								
c. Working for pay on campus	<i>tmworkonhrs</i> ( <i>Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.</i> )	0	0 hrs	131	83	8,295	88	25,634	85	113,607	83	<b>2.3</b>	1.5	.16	1.8	.08	2.1	.04	
		3	1-5 hrs	1	1	172	2	977	3	5,044	3								
		8	6-10 hrs	10	6	216	3	1,364	4	7,722	5								
		13	11-15 hrs	8	6	283	4	1,093	3	6,056	4								
		18	16-20 hrs	4	3	216	2	821	3	4,226	3								
		23	21-25 hrs	4	2	59	1	294	1	1,464	1								
		28	26-30 hrs	0	0	18	0	120	0	420	0								
		33	More than 30 hrs	0	0	35	0	171	1	655	1								
	Total			158	100	9,294	100	30,474	100	139,194	100								
d. Working for pay off campus	<i>tmworkoffhrs</i> ( <i>Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.</i> )	0	0 hrs	111	71	5,516	62	16,560	53	85,330	61	<b>4.3</b>	6.5 **	-0.21	9.5 ***	-0.42	7.2 ***	-0.26	
		3	1-5 hrs	6	4	496	5	1,562	5	7,195	5								
		8	6-10 hrs	10	6	563	6	1,860	6	8,211	6								
		13	11-15 hrs	8	6	550	6	1,897	6	8,499	6								
		18	16-20 hrs	7	4	738	7	2,281	7	9,502	7								
		23	21-25 hrs	9	6	610	6	1,783	6	7,213	5								
		28	26-30 hrs	4	2	363	3	1,224	4	4,517	3								
		33	More than 30 hrs	2	1	462	5	3,337	13	8,756	7								
	Total			157	100	9,298	100	30,504	100	139,223	100								
Estimated number of hours working for pay	<i>tmworkhrs</i> ( <i>Continuous variable created by NSSE</i> )										<b>6.6</b>	8.0	-0.12	11.3 ***	-0.35	9.2 **	-0.21		

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Doing community service or volunteer work	<i>tmservicehrs</i> (Recorded version of <i>tmservice</i> created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	125	80	6,810	74	20,225	67	91,018	66	<b>1.2</b>	1.6	-1.0	2.2 **	-2.0	2.1 **	-1.9
		3	1-5 hrs	22	14	1,717	18	6,925	22	34,046	24							
		8	6-10 hrs	7	4	389	4	1,644	5	6,996	5							
		13	11-15 hrs	2	1	188	2	808	3	3,393	3							
		18	16-20 hrs	0	0	87	1	423	1	1,853	1							
		23	21-25 hrs	0	0	51	1	198	1	935	1							
		28	26-30 hrs	0	0	17	0	71	0	289	0							
		33	More than 30 hrs	1	1	36	0	190	1	598	0							
Total				157	100	9,295	100	30,484	100	139,128	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	<i>tmrelaxhrs</i> (Recorded version of <i>tmrelax</i> created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	3	2	201	2	990	3	3,164	3	<b>12.0</b>	12.3	-0.03	11.7	.04	12.3	-0.03
		3	1-5 hrs	32	20	2,349	23	7,390	24	29,628	27							
		8	6-10 hrs	49	30	2,461	26	8,133	26	38,074	21							
		13	11-15 hrs	32	20	1,768	20	5,809	19	29,002	21							
		18	16-20 hrs	23	16	1,110	13	3,819	12	18,689	14							
		23	21-25 hrs	7	4	533	6	1,721	6	8,536	6							
		28	26-30 hrs	3	2	241	3	839	3	3,919	3							
		33	More than 30 hrs	10	6	623	7	1,787	6	8,149	6							
Total				159	100	9,286	100	30,488	100	139,161	100							
g. Providing care for dependents (children, parents, etc.)	<i>tmcarehrs</i> (Recorded version of <i>tmcare</i> created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	136	85	5,878	67	19,595	63	101,859	72	<b>1.1</b>	3.4 ***	-0.32	5.5 ***	-0.43	3.5 ***	-0.30
		3	1-5 hrs	14	9	1,461	14	3,844	12	15,160	11							
		8	6-10 hrs	3	2	727	7	1,900	6	6,938	5							
		13	11-15 hrs	2	1	428	4	1,231	4	4,639	3							
		18	16-20 hrs	2	1	249	2	768	3	2,702	2							
		23	21-25 hrs	2	1	145	1	453	2	1,544	1							
		28	26-30 hrs	0	0	71	1	307	1	811	1							
		33	More than 30 hrs	0	0	298	3	2,351	9	5,257	4							
Total				159	100	9,257	100	30,449	100	138,910	100							

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico				Far West Public				Carnegie Class				NSSE 2021 & 2022				CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	54	34	4,833	51	15,090	50	66,195	47	<b>4.4</b>	3.2 ** △	.22	3.4 * △	.17	3.4 * △	.18									
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	62	40	2,784	31	9,626	31	47,714	34																
	8	6-10 hrs	22	13	915	9	3,032	10	13,584	10																	
	13	11-15 hrs	9	6	371	4	1,293	4	5,569	4																	
	18	16-20 hrs	6	5	159	2	657	2	2,722	2																	
	23	21-25 hrs	3	2	89	1	294	1	1,381	1																	
	28	26-30 hrs	0	0	26	0	146	0	567	0																	
	33	More than 30 hrs	1	1	113	1	385	1	1,449	1																	
	Total		157	100	9,290	100	30,523	100	139,181	100																	
<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	12	8	842	10	3,580	12	17,566	14	<b>2.7</b>	2.8	-.04	2.8	-.03	2.7	.06										
	2	Some	61	37	3,128	35	10,337	33	49,084	36																	
	3	About half	47	30	2,893	30	8,780	28	39,359	28																	
	4	Most	35	23	1,743	18	5,479	19	23,863	17																	
	5	Almost all	4	2	658	7	2,250	8	8,903	6																	
	Total		159	100	9,264	100	30,426	100	138,775	100																	
tmreadinghrs																											
<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 <i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	1	0 hrs	0	0	37	0	151	1	548	0	<b>6.7</b>	7.1	-.06	6.8	-.01	6.7	.01										
	2	More than zero, up to 5 hrs	76	49	4,373	47	15,548	51	68,961	51																	
	3	More than 5, up to 10 hrs	51	32	2,811	31	8,351	28	40,315	29																	
	4	More than 10, up to 15 hrs	15	9	948	10	3,080	10	14,210	10																	
	5	More than 15, up to 20 hrs	11	7	533	6	1,611	5	7,440	5																	
	6	More than 20, up to 25 hrs	6	4	361	4	1,039	4	4,696	3																	
	7	More than 25 hrs	0	0	169	2	501	2	2,022	1																	
	Total		159	100	9,232	100	30,281	100	138,192	100																	

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
<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	12	8	607	8	1,643	6	9,137	7	<b>2.6</b>	2.8 *	-0.17	2.9 ***	-0.31	2.8 **	-0.21	
		2	Some	57	35	2,484	28	7,582	25	38,127	28								
		3	Quite a bit	66	43	4,245	45	13,330	44	59,899	42								
		4	Very much	22	14	1,917	20	7,855	25	31,576	23								
		Total		157	100	9,253	100	30,410	100	138,739	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	16	10	913	11	2,649	10	15,400	12	<b>2.7</b>	2.7	.06	2.8	-0.04	2.7	.07	
		2	Some	47	28	2,749	30	8,620	29	43,196	31								
		3	Quite a bit	62	41	3,698	39	11,921	39	51,990	37								
		4	Very much	34	20	1,890	19	7,171	23	27,999	20								
		Total		159	100	9,250	100	30,361	100	138,585	100								
c. Thinking critically and analytically	pgthink	1	Very little	5	3	299	4	866	3	4,400	4	<b>2.9</b>	3.0	-0.13	3.1 *	-0.21	3.1 *	-0.16	
		2	Some	41	24	1,812	20	5,679	19	26,738	20								
		3	Quite a bit	76	50	4,282	46	13,548	44	62,364	44								
		4	Very much	36	23	2,845	30	10,270	34	45,072	32								
		Total		158	100	9,238	100	30,363	100	138,574	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	17	11	906	10	3,648	11	16,901	12	<b>2.5</b>	2.7 **	-0.21	2.7 **	-0.20	2.7 *	-0.18	
		2	Some	62	40	2,834	30	9,294	30	42,672	30								
		3	Quite a bit	60	38	3,640	40	10,783	36	49,702	36								
		4	Very much	19	11	1,859	20	6,638	22	29,282	22								
		Total		158	100	9,239	100	30,363	100	138,557	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	28	18	1,737	19	3,914	14	19,806	15	<b>2.4</b>	2.4	.00	2.6 **	-0.23	2.6 *	-0.16	
		2	Some	59	36	3,248	35	9,277	31	45,137	32								
		3	Quite a bit	48	32	2,861	31	10,360	33	46,652	33								
		4	Very much	22	14	1,394	15	6,806	22	26,980	20								
		Total		157	100	9,240	100	30,357	100	138,575	100								
f. Working effectively with others	pgothers	1	Very little	15	9	886	10	2,569	9	11,811	9	<b>2.7</b>	2.7	-0.04	2.8	-0.11	2.7	-0.08	
		2	Some	53	33	2,644	29	8,420	29	40,183	29								
		3	Quite a bit	60	39	3,727	40	11,671	38	54,593	39								
		4	Very much	31	19	1,988	21	7,691	24	31,995	23								
		Total		159	100	9,245	100	30,351	100	138,582	100								

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	19	13	1,191	14	3,027	11	15,403	12	<b>2.6</b>	2.6	.00	2.7 *	-.17	2.7	-.12	
		2	Some	53	32	3,010	33	8,588	29	40,731	30								
		3	Quite a bit	60	39	3,381	36	11,570	37	52,234	37								
		4	Very much	24	15	1,664	17	7,160	23	30,092	21								
		Total		156	100	9,246	100	30,345	100	138,460	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	16	11	823	10	2,565	10	12,447	10	<b>2.7</b>	2.8	-.08	2.8	-.12	2.8	-.08	
		2	Some	47	29	2,437	28	7,711	26	37,919	28								
		3	Quite a bit	61	40	3,572	38	11,526	37	52,387	37								
		4	Very much	34	21	2,404	25	8,552	27	35,782	26								
		Total		158	100	9,236	100	30,354	100	138,535	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	19	13	1,163	13	3,245	12	15,642	12	<b>2.4</b>	2.6 *	-.17	2.7 ***	-.28	2.6 **	-.24	
		2	Some	71	43	3,128	34	9,631	32	45,758	33								
		3	Quite a bit	48	33	3,340	36	10,879	35	49,409	35								
		4	Very much	17	10	1,603	16	6,618	21	27,771	20								
		Total		155	100	9,234	100	30,373	100	138,580	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	13	8	1,204	14	3,417	12	16,449	13	<b>2.6</b>	2.6	-.02	2.7	-.11	2.6	-.07	
		2	Some	65	41	3,029	34	9,457	31	44,901	32								
		3	Quite a bit	56	37	3,251	34	10,645	34	48,686	34								
		4	Very much	23	14	1,766	19	6,910	22	28,696	21								
		Total		157	100	9,250	100	30,429	100	138,732	100								
<b>19. How would you evaluate your entire educational experience at this institution?</b>																			
evalexp		1	Poor	2	1	235	3	721	3	3,438	3	<b>3.0</b>	3.0	-.01	3.1 *	-.17	3.1	-.11	
		2	Fair	31	19	1,724	19	4,791	16	23,022	17								
		3	Good	90	60	5,067	54	15,219	49	71,314	51								
		4	Excellent	33	20	2,239	24	9,723	32	41,162	29								
		Total		156	100	9,265	100	30,454	100	138,936	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	6	3	240	3	1,055	4	4,892	4	<b>3.0</b>	3.1	-.14	3.2 **	-.21	3.2 *	-.16	
		2	Probably no	31	19	1,183	14	3,989	13	18,741	13								
		3	Probably yes	74	48	4,701	51	13,503	44	63,984	46								
		4	Definitely yes	46	29	3,158	33	11,999	40	51,695	37								
		Total		157	100	9,282	100	30,546	100	139,312	100								

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>21. Do you intend to return to this institution next year?<sup>f</sup></b>																			
	returnexp	No		2	1	211	2	1,204	4	5,570	4	<b>91%</b>	91%	.00	87%	.10	88%	.10	
(Means indicate the percentage who responded "Yes.")		Yes		142	91	8,455	91	26,806	87	122,837	88								
		Not sure		12	8	618	7	2,585	8	11,092	8								
		Total		156	100	9,284	100	30,595	100	139,499	100								
<b>22. To what extent have the faculty and staff at your institution done a good job helping students adapt to the changes brought on by the COVID-19 pandemic?</b>																			
	covidexp	1	Very little	12	8	520	6	1,619	6	7,758	6	<b>3.1</b>	3.0	.06	3.1	-.05	3.0	.03	
		2	Some	25	15	1,887	21	5,696	19	29,001	21								
		3	Quite a bit	63	41	3,691	40	11,162	36	53,820	38								
		4	Very much	58	36	3,215	33	12,116	39	49,076	35								
		Total		158	100	9,313	100	30,593	100	139,655	100								

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



# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
<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	34	5	939	5	2,719	6	10,366	6	<b>3.0</b>	2.9 **	.13	2.9 ***	.15	2.9 ***	.13	
		2	Sometimes	164	23	5,355	29	13,552	29	56,036	28								
		3	Often	286	39	7,598	39	18,850	38	79,935	39								
		4	Very often	230	33	5,299	27	13,436	27	56,617	27								
		Total		714	100	19,191	100	48,557	100	202,954	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	43	7	1,461	8	3,507	8	14,805	8	<b>2.9</b>	2.8 *	.08	2.8	.07	2.8 *	.08	
		2	Sometimes	207	30	5,726	31	14,277	30	60,389	31								
		3	Often	240	33	6,700	34	17,299	35	72,059	35								
		4	Very often	221	30	5,206	26	13,240	26	54,627	26								
		Total		711	100	19,093	100	48,323	100	201,880	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	87	14	2,286	13	5,685	14	23,681	13	<b>2.6</b>	2.7	-.04	2.6	-.02	2.6	-.03	
		2	Sometimes	230	33	5,856	32	15,028	32	63,412	32								
		3	Often	218	30	5,985	31	15,396	31	64,046	31								
		4	Very often	172	23	4,833	24	11,928	23	49,528	24								
		Total		707	100	18,960	100	48,037	100	200,667	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	51	8	993	6	2,321	5	9,806	5	<b>2.8</b>	2.8	.02	2.9	-.01	2.9	-.01	
		2	Sometimes	180	26	5,266	29	13,027	28	54,932	28								
		3	Often	282	40	8,026	42	20,308	42	84,924	42								
		4	Very often	186	26	4,525	23	12,011	25	49,478	25								
		Total		699	100	18,810	100	47,667	100	199,140	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	14	2	575	4	1,579	4	6,559	4	<b>3.1</b>	3.0 *	.10	3.0 **	.11	3.0 **	.10	
		2	Sometimes	151	23	4,149	23	10,529	23	44,405	23								
		3	Often	281	40	8,169	43	20,893	44	86,906	43								
		4	Very often	240	35	5,738	30	14,131	29	58,936	29								
		Total		686	100	18,631	100	47,132	100	196,806	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	17	3	451	3	1,207	3	5,094	3	<b>3.0</b>	3.0	.01	3.0	.03	3.0	.03	
		2	Sometimes	174	26	4,540	26	12,004	26	49,641	26								
		3	Often	276	41	7,914	43	19,954	42	83,995	43								
		4	Very often	208	30	5,545	29	13,507	28	55,929	28								
		Total		675	100	18,450	100	46,672	100	194,659	100								

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



# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico				Far West Public				Carnegie Class				NSSE 2021 & 2022				CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	6	1	240	2	578	1	2,395	1	3.2	3.2	.06	3.2	.03	3.2	.04									
		2	Sometimes	91	14	2,844	16	6,902	15	29,083	16																
		3	Often	308	47	8,224	45	20,838	45	87,102	45																
		4	Very often	263	38	7,002	37	17,959	38	74,410	38																
		Total		668	100	18,310	100	46,277	100	192,990	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	102	16	4,200	24	9,114	21	37,005	21	2.4	2.2 ***	.21	2.4 *	.08	2.4 *	.08									
		2	Sometimes	282	43	7,622	42	17,620	38	75,315	39																
		3	Often	159	23	3,768	20	10,754	22	44,669	22																
		4	Very often	120	18	2,714	14	8,797	18	35,939	18																
		Total		663	100	18,304	100	46,285	100	192,928	100																
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	279	42	9,004	49	21,747	50	84,841	46	1.9	1.8 **	.11	1.8 *	.09	1.9	.03									
		2	Sometimes	225	34	5,171	28	12,670	26	56,042	28																
		3	Often	80	12	2,406	13	6,524	13	29,310	14																
		4	Very often	74	11	1,656	9	5,170	10	21,974	11																
		Total		658	100	18,237	100	46,111	100	192,167	100																
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	197	29	6,577	35	15,241	35	59,955	33	2.1	2.0 **	.12	2.0	.07	2.1	.04									
		2	Sometimes	265	41	6,873	38	16,736	36	72,775	38																
		3	Often	123	20	2,968	17	8,531	18	36,439	18																
		4	Very often	64	10	1,706	9	5,256	11	21,583	11																
		Total		649	100	18,124	100	45,764	100	190,752	100																
d. Discussed your academic performance with a faculty member	SFperform	1	Never	163	26	5,434	31	10,617	24	47,608	26	2.1	2.1 *	.10	2.2 *	-.08	2.2	-.02									
		2	Sometimes	284	44	7,587	42	19,055	41	80,903	42																
		3	Often	136	20	3,370	18	10,336	22	40,173	20																
		4	Very often	65	10	1,734	9	5,764	12	22,128	11																
		Total		648	100	18,125	100	45,772	100	190,812	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	58	9	1,333	8	3,752	8	16,201	9	2.7	2.8	-.06	2.7	-.02	2.7	-.04									
		2	Some	191	30	5,374	31	14,294	32	58,190	31																
		3	Quite a bit	273	42	7,205	39	17,576	38	72,889	38																
		4	Very much	120	19	4,108	22	9,865	21	42,438	22																
		Total		642	100	18,020	100	45,487	100	189,718	100																

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	NSSE 2021 & 2022								Statistical Comparisons <sup>b</sup>							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	16	3	595	4	1,370	3	5,839	3	<b>3.1</b>	3.0	.07	3.1	.02	3.1	.02	
		2	Some	126	19	3,895	22	9,077	20	37,652	20								
		3	Quite a bit	292	46	7,834	43	20,019	44	83,361	44								
		4	Very much	204	32	5,610	31	14,798	32	62,110	33								
		Total		638	100	17,934	100	45,264	100	188,962	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	31	5	627	4	1,575	4	6,567	4	<b>3.0</b>	3.0	.02	3.0	.00	3.0	.01	
		2	Some	125	20	3,894	22	9,476	21	39,904	21								
		3	Quite a bit	264	42	7,530	42	19,240	43	80,348	43								
		4	Very much	208	33	5,739	32	14,579	32	60,506	32								
		Total		628	100	17,790	100	44,870	100	187,325	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	30	5	811	5	1,905	5	8,929	5	<b>2.9</b>	3.0	-.02	3.0	-.05	3.0	-.03	
		2	Some	150	25	3,970	24	9,813	22	41,985	23								
		3	Quite a bit	256	41	7,472	42	19,149	43	79,071	42								
		4	Very much	191	29	5,458	30	13,783	30	56,497	30								
		Total		627	100	17,711	100	44,650	100	186,482	100								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	28	5	646	4	1,497	4	6,860	4	<b>3.0</b>	3.0	-.01	3.0	-.03	3.0	-.01	
		2	Some	138	22	3,946	23	9,611	22	41,324	23								
		3	Quite a bit	269	43	7,769	44	20,007	45	82,567	44								
		4	Very much	187	30	5,284	29	13,331	30	54,896	29								
		Total		622	100	17,645	100	44,446	100	185,647	100								
<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	20	3	464	3	1,208	3	4,927	3	<b>3.2</b>	3.1 *	.09	3.1	.07	3.1 *	.08	
		2	Some	91	14	3,293	19	8,069	19	33,850	19								
		3	Quite a bit	260	42	7,339	42	18,098	41	77,563	41								
		4	Very much	244	40	6,458	36	16,847	38	68,354	37								
		Total		615	100	17,554	100	44,222	100	184,694	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	26	5	909	5	2,214	6	8,581	5	<b>3.1</b>	3.0 *	.09	3.0	.04	3.0	.04	
		2	Some	124	20	3,875	22	8,804	20	37,014	20								
		3	Quite a bit	248	40	7,123	41	17,676	40	76,178	41								
		4	Very much	215	36	5,618	31	15,404	34	62,527	34								
		Total		613	100	17,525	100	44,098	100	184,300	100								

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico				Far West Public				Carnegie Class				NSSE 2021 & 2022				Statistical Comparisons <sup>b</sup>			
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	26	4	707	4	1,995	5	7,539	5	<b>3.1</b>	3.0	.03	3.0	.03	3.1	.02					
		2	Some	130	20	3,665	21	9,046	21	37,497	21												
		3	Quite a bit	240	39	6,974	40	16,994	39	73,093	39												
		4	Very much	219	36	6,139	34	15,993	36	65,834	35												
		Total		615	100	17,485	100	44,028	100	183,963	100												
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	55	9	1,573	9	3,983	10	17,363	10	<b>2.9</b>	2.8	.04	2.8	.01	2.8	.04					
		2	Some	171	28	4,891	29	11,545	27	49,122	27												
		3	Quite a bit	203	33	5,967	34	14,615	33	62,412	33												
		4	Very much	185	30	5,030	28	13,807	31	54,820	29												
		Total		614	100	17,461	100	43,950	100	183,717	100												
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	66	11	1,575	9	3,462	9	15,081	9	<b>2.7</b>	2.8	-.02	2.9 **	-0.13	2.8 *	-0.08					
		2	Some	186	30	5,307	31	11,399	26	50,134	28												
		3	Quite a bit	198	34	6,168	36	15,966	36	67,509	36												
		4	Very much	159	26	4,359	24	12,950	29	50,266	27												
		Total		609	100	17,409	100	43,777	100	182,990	100												
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	25	4	743	5	1,767	5	7,338	4	<b>3.1</b>	3.0 *	.09	3.1	.01	3.1	.04					
		2	Some	117	18	3,820	22	8,593	20	37,740	21												
		3	Quite a bit	246	41	7,008	41	17,125	39	73,633	40												
		4	Very much	214	36	5,770	32	16,124	37	63,581	35												
		Total		602	100	17,341	100	43,609	100	182,292	100												
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	18	3	586	4	1,604	4	6,522	4	<b>3.1</b>	3.0	.05	3.1	.03	3.0	.04					
		2	Some	128	21	3,645	21	8,744	20	37,213	21												
		3	Quite a bit	246	41	7,381	43	18,134	41	77,742	42												
		4	Very much	206	35	5,682	32	14,989	34	60,320	33												
		Total		598	100	17,294	100	43,471	100	181,797	100												
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	52	9	1,702	10	3,750	9	15,897	9	<b>2.8</b>	2.7 *	.10	2.8	.00	2.7	.04					
		2	Some	175	28	5,503	32	12,680	29	54,941	30												
		3	Quite a bit	229	39	6,342	37	16,287	37	68,760	37												
		4	Very much	138	24	3,715	21	10,727	25	41,953	23												
		Total		594	100	17,262	100	43,444	100	181,551	100												

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	18	3	566	4	1,506	4	5,702	4	<b>3.2</b>	3.1	.07	3.1	.04	3.1	.04	
		2	Some	93	16	2,992	18	7,247	17	30,568	17								
		3	Quite a bit	250	43	7,257	42	17,790	41	76,020	42								
		4	Very much	233	39	6,443	36	16,850	38	69,074	38								
		Total		594	100	17,258	100	43,393	100	181,364	100								
<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	61	10	1,763	10	4,624	10	19,110	10	<b>2.7</b>	2.7	.05	2.7	.05	2.7	.04	
		2	Sometimes	190	30	5,996	34	14,642	34	60,803	33								
		3	Often	212	37	5,973	36	15,026	35	62,826	35								
		4	Very often	120	22	3,340	20	8,523	21	36,253	21								
		Total		583	100	17,072	100	42,815	100	178,992	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	78	14	2,757	16	6,991	16	29,447	17	<b>2.5</b>	2.5	.03	2.5	.02	2.5	.02	
		2	Sometimes	224	37	6,261	37	15,347	36	64,182	36								
		3	Often	189	33	5,115	30	13,062	31	53,944	30								
		4	Very often	91	16	2,886	17	7,272	17	30,805	18								
		Total		582	100	17,019	100	42,672	100	178,378	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	79	13	2,573	15	7,200	17	28,168	16	<b>2.5</b>	2.5	.04	2.4 *	.09	2.5	.06	
		2	Sometimes	222	38	6,490	38	16,127	38	66,883	37								
		3	Often	184	32	5,252	31	12,694	30	54,854	31								
		4	Very often	92	17	2,670	16	6,492	15	27,761	16								
		Total		577	100	16,985	100	42,513	100	177,666	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 <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	wrshortnum	0	None	40	7	945	6	2,829	7	11,511	7	<b>7.8</b>	7.8	-.01	7.5	.04	7.5	.03	
		1.5	1-2	86	15	2,763	16	7,479	18	31,868	18								
		4	3-5	161	28	5,020	29	12,198	29	51,043	29								
		8	6-10	144	25	3,925	23	9,206	22	38,352	21								
		13	11-15	62	11	1,797	11	4,499	11	18,999	11								
		18	16-20	31	6	911	5	2,304	5	9,739	5								
		23	More than 20	49	9	1,559	9	3,834	9	15,697	9								
Total		573	100	16,920	100	42,349	100	177,209	100										

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico				Far West Public				Carnegie Class				NSSE 2021 & 2022				CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	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. Between 6 and 10 pages	wrmednum	0	None	141	25	3,856	23	10,539	25	45,844	27	<b>3.4</b>	3.9 ** ▽	-0.11	3.7 * ▽	-0.08	3.5	-0.04									
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	199	34	5,301	31	13,224	31	57,288	32																
		4	3-5	133	23	4,109	24	9,936	24	40,778	23																
		8	6-10	60	11	2,179	13	5,196	13	19,947	11																
		13	11-15	20	4	767	5	1,809	4	6,975	4																
		18	16-20	8	1	276	2	676	2	2,519	1																
		23	More than 20	9	1	357	2	785	2	3,135	2																
		Total			570	100	16,845	100	42,165	100	176,486	100															
c. 11 pages or more	wrlongnum	0	None	300	52	8,353	49	21,417	49	90,551	52	<b>1.7</b>	2.3 *** ▽	-0.13	2.1 ** ▽	-0.10	2.0	-0.07									
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	181	32	4,998	30	12,690	30	54,359	30																
		4	3-5	53	10	1,764	11	4,331	11	17,189	10																
		8	6-10	15	3	783	5	1,792	5	7,003	4																
		13	11-15	9	2	522	3	1,032	3	3,933	2																
		18	16-20	4	1	164	1	377	1	1,406	1																
		23	More than 20	7	1	304	2	621	2	2,435	1																
		Total			569	100	16,888	100	42,260	100	176,876	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>75.8</b>	87.9 ** ▽	-0.11	83.2	-0.07	79.7	-0.04									
<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	30	5	871	5	3,038	9	10,944	7	<b>3.0</b>	3.1	-0.04	2.9 ** △	.12	3.0	.07									
		2	Sometimes	133	24	3,784	23	10,797	26	45,422	26																
		3	Often	188	33	5,254	31	12,920	30	54,761	31																
		4	Very often	223	39	6,983	41	15,528	36	65,769	37																
			Total	574	100	16,892	100	42,283	100	176,896	100																
b. People from an economic background other than your own	DDeconomic	1	Never	31	6	917	6	2,793	8	9,733	6	<b>3.0</b>	3.0	.00	2.9 * △	.10	3.0	.03									
		2	Sometimes	128	22	4,252	25	11,074	27	44,600	25																
		3	Often	228	40	5,754	34	14,477	33	62,497	35																
		4	Very often	186	32	5,903	35	13,821	32	59,622	33																
			Total	573	100	16,826	100	42,165	100	176,452	100																

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
c. People with religious beliefs other than your own	DDreligion	1	Never	53	10	1,469	9	3,788	10	14,471	9	<b>2.9</b>	2.9	-.02	2.8	.05	2.9	-.01	
		2	Sometimes	145	25	4,716	28	12,218	29	50,540	29								
		3	Often	202	36	5,210	31	13,104	30	55,488	31								
		4	Very often	170	29	5,434	32	13,028	30	55,922	32								
		Total		570	100	16,829	100	42,138	100	176,421	100								
d. People with political views other than your own	DDpolitical	1	Never	52	9	1,697	10	3,914	11	14,189	9	<b>2.8</b>	2.7 *	.09	2.8	.03	2.8	-.03	
		2	Sometimes	173	30	5,890	36	12,902	31	53,876	31								
		3	Often	183	32	4,579	26	12,845	30	54,766	31								
		4	Very often	163	29	4,658	27	12,480	29	53,566	30								
		Total		571	100	16,824	100	42,141	100	176,397	100								
e. People with a sexual orientation other than your own	ddsexorient	1	Never	50	10	757	8	3,144	13	10,595	11	<b>2.8</b>	2.9	-.07	2.7 *	.09	2.8	.03	
		2	Sometimes	167	30	2,843	30	9,004	32	33,626	32								
		3	Often	187	32	2,959	30	8,612	28	32,097	29								
		4	Very often	166	28	3,123	32	8,534	27	32,742	29								
		Total		570	100	9,682	100	29,294	100	109,060	100								
f. People from a country other than your own	ddcountry	1	Never	93	16	972	9	4,274	16	13,642	13	<b>2.4</b>	2.7 ***	-.29	2.5 *	-.09	2.6 ***	-.18	
		2	Sometimes	251	44	3,749	38	11,626	39	42,939	39								
		3	Often	133	24	2,595	27	6,949	23	27,082	25								
		4	Very often	93	16	2,380	25	6,485	22	25,561	24								
		Total		570	100	9,696	100	29,334	100	109,224	100								
<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	21	4	451	3	1,048	3	4,981	3	<b>3.1</b>	3.1	-.04	3.1	-.06	3.1	-.02	
		2	Sometimes	127	22	3,332	20	8,226	20	35,424	21								
		3	Often	215	38	7,117	42	17,948	43	74,969	42								
		4	Very often	205	35	5,875	34	14,756	35	60,314	34								
		Total		568	100	16,775	100	41,978	100	175,688	100								
b. Reviewed your notes after class	LSnotes	1	Never	40	8	1,029	7	2,638	7	12,036	7	<b>2.8</b>	2.9 *	-.09	2.9 **	-.14	2.9 *	-.09	
		2	Sometimes	178	32	4,708	29	10,962	26	49,497	28								
		3	Often	187	32	5,763	34	14,658	35	59,465	34								
		4	Very often	161	28	5,273	30	13,698	32	54,608	31								
		Total		566	100	16,773	100	41,956	100	175,606	100								

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	41	8	959	6	2,158	6	9,963	6	<b>2.8</b>	2.9	-.05	2.9 **	-.13	2.9 *	-.09	
		2	Sometimes	170	29	4,776	29	10,772	26	47,843	27								
		3	Often	204	36	6,290	37	16,276	39	66,826	38								
		4	Very often	151	26	4,751	27	12,755	30	50,922	29								
		Total		566	100	16,776	100	41,961	100	175,554	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	9	2	213	1	477	1	2,086	1	<b>5.5</b>	5.4	.07	5.6	-.04	5.5	.02	
		2		5	1	312	2	656	2	2,951	2								
		3		19	4	840	5	1,810	4	8,238	5								
		4		59	10	1,865	12	4,349	10	19,087	11								
		5		161	29	4,664	29	10,908	26	48,197	27								
		6		136	25	3,954	23	10,060	24	42,481	24								
		7	Very much	169	29	4,833	28	13,405	32	51,433	29								
Total		558	100	16,681	100	41,665	100	174,473	100										
<b>11. Which of the following have you done while in college 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	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	82	15	2,573	15	5,308	13	19,310	12	<b>45%</b>	36% ***	.18	39% **	.11	44%	.01	
			Do not plan to do	85	15	2,914	18	8,120	21	30,792	19								
			Plan to do	138	25	5,247	31	10,819	26	42,988	25								
			Done or in progress	254	45	5,935	36	17,366	39	81,261	44								
			Total	559	100	16,669	100	41,613	100	174,351	100								
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	78	14	2,899	17	6,418	16	22,847	14	<b>27%</b>	24% *	.08	24%	.07	30%	-.07	
			Do not plan to do	287	51	8,223	49	20,374	51	79,434	47								
			Plan to do	39	7	1,723	10	3,762	9	15,283	9								
			Done or in progress	155	27	3,787	24	10,980	24	56,400	30								
			Total	559	100	16,632	100	41,534	100	173,964	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	77	15	3,363	20	7,350	18	27,171	16	<b>20%</b>	17%	.05	18%	.04	21%	-.03	
			Do not plan to do	310	56	8,095	50	21,207	53	89,673	53								
			Plan to do	54	10	2,177	13	4,674	11	18,278	11								
			Done or in progress	115	20	2,946	17	8,174	18	38,321	21								
			Total	556	100	16,581	100	41,405	100	173,443	100								

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	NSSE 2021 & 2022								Your seniors compared with							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Participate in a study abroad program	abroad  <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	73	13	2,992	17	6,154	15	23,306	14	<b>4%</b>	5%	-.05	5%	-.05	8% ***	▽	-.18
			Do not plan to do	437	78	11,389	69	29,940	73	121,493	70								
			Plan to do	26	5	1,486	9	3,153	7	14,283	8								
			Done or in progress	23	4	729	5	2,170	5	14,482	8								
			Total	559	100	16,596	100	41,417	100	173,564	100								
e. Work with a faculty member on a research project	research  <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	97	17	3,628	21	7,725	19	28,806	17	<b>19%</b>	18%	.02	17%	.04	21%	-.05	
			Do not plan to do	300	53	7,921	47	21,437	52	86,466	50								
			Plan to do	58	11	2,206	14	4,765	12	20,065	12								
			Done or in progress	102	19	2,843	18	7,474	17	38,144	21								
			Total	557	100	16,598	100	41,401	100	173,481	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone  <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	51	9	2,421	14	5,028	12	18,134	11	<b>53%</b>	41% ***	.24	41% ***	.23	43% ***	△	.19
			Do not plan to do	128	22	3,605	22	8,400	20	34,586	21								
			Plan to do	91	16	3,737	23	10,291	26	41,773	25								
			Done or in progress	290	53	6,823	41	17,643	41	78,943	43								
			Total	560	100	16,586	100	41,362	100	173,436	100								
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																			
servcourse			1 None	205	38	6,559	41	15,850	41	66,986	41	<b>1.8</b>	1.7	.05	1.7	.04	1.7	.05	
			2 Some	278	49	7,709	46	19,593	46	83,311	47								
			3 Most	60	11	1,776	10	4,513	10	17,763	10								
			4 All	14	2	441	3	1,222	3	4,578	3								
			Total	557	100	16,485	100	41,178	100	172,638	100								
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent		1 Poor	11	2	313	2	773	2	2,809	2	<b>5.5</b>	5.5	.00	5.6	-.03	5.6	-.04	
			2	14	3	364	2	846	2	3,289	2								
			3	24	5	743	5	1,663	4	7,117	4								
			4	50	9	1,719	11	3,937	9	16,902	10								
			5	133	23	3,824	23	8,973	21	40,167	23								
			6	152	26	4,332	26	10,179	24	45,872	26								
			7 Excellent	163	30	4,959	29	12,754	30	51,723	30								
			— Not applicable	11	2	260	2	2,141	8	5,041	4								
			Total	558	100	16,514	100	41,266	100	172,920	100								

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



# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico				Far West Public				Carnegie Class				NSSE 2021 & 2022				CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	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. Academic advisors	Qladvisor	1	Poor	25	5	777	5	1,789	4	7,590	5	<b>5.3</b>	5.2	.08	5.4	-.06	5.3	.00									
		2		19	4	759	5	1,700	4	7,631	4																
		3		34	6	1,198	7	2,620	6	12,002	7																
		4		64	11	1,991	12	4,382	10	19,630	11																
		5		106	19	3,063	19	6,813	16	29,946	17																
		6		108	19	3,154	19	7,821	19	33,402	19																
		7	Excellent	186	33	5,015	30	15,313	38	59,494	35																
		—	Not applicable	15	3	536	3	782	2	3,068	2																
	Total	557	100	16,493	100	41,220	100	172,763	100																		
c. Faculty	QIfaculty	1	Poor	9	2	402	3	792	2	3,076	2	<b>5.6</b>	5.4 ***	.15	5.6	.01	5.5	.07									
		2		16	3	448	3	953	2	3,881	2																
		3		17	3	915	6	1,849	5	8,116	5																
		4		46	9	1,950	12	4,291	10	19,079	11																
		5		142	24	3,752	23	8,685	20	38,630	22																
		6		153	27	4,281	26	10,851	25	47,319	27																
		7	Excellent	168	31	4,490	26	13,210	33	50,535	29																
		—	Not applicable	7	1	266	2	609	2	2,120	1																
	Total	558	100	16,504	100	41,240	100	172,756	100																		
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	17	3	828	5	1,821	5	7,591	5	<b>5.2</b>	4.9 **	.16	5.1	.04	5.0 *	.11									
		2		24	5	629	4	1,493	4	6,898	4																
		3		26	5	1,036	6	2,362	6	11,053	6																
		4		60	11	1,836	11	4,309	10	20,154	11																
		5		94	16	2,616	16	6,316	15	29,541	16																
		6		88	16	2,521	15	6,425	15	28,354	16																
		7	Excellent	136	25	3,161	18	9,096	23	34,817	20																
		—	Not applicable	111	19	3,861	23	9,379	24	34,222	21																
	Total	556	100	16,488	100	41,201	100	172,630	100																		

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	22	4	850	5	1,826	5	8,144	5	<b>5.3</b>	4.9 ***	.19	5.2	.04	5.0 **	.13	
		2		18	4	781	5	1,820	4	8,193	5								
		3		27	5	1,215	8	2,736	6	12,641	7								
		4		60	11	2,205	14	5,050	12	23,249	13								
		5		107	19	3,086	19	7,607	18	33,739	19								
		6		130	23	2,982	18	7,853	19	33,018	19								
		7	Excellent	137	25	3,619	21	11,012	28	40,110	24								
		—	Not applicable	56	10	1,766	11	3,330	9	13,657	9								
	Total	557	100	16,504	100	41,234	100	172,751	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	14	3	319	2	819	2	3,229	2	<b>3.1</b>	3.1	-.06	3.1	-.03	3.1	-.04	
		2	Some	93	17	2,804	17	7,710	19	31,354	19								
		3	Quite a bit	265	48	7,290	45	18,666	45	77,175	45								
		4	Very much	176	32	6,026	36	13,905	34	60,460	35								
			Total	548	100	16,439	100	41,100	100	172,218	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	35	7	989	7	2,533	7	10,456	7	<b>2.9</b>	2.9	.06	2.9	-.01	2.9	.04	
		2	Some	134	23	4,273	27	9,992	24	44,309	26								
		3	Quite a bit	233	42	6,623	40	16,368	39	70,276	40								
		4	Very much	151	28	4,533	26	12,130	30	46,884	27								
			Total	553	100	16,418	100	41,023	100	171,925	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	60	11	1,801	12	4,216	11	17,158	11	<b>2.8</b>	2.8	.07	2.8	-.01	2.8	.02	
		2	Some	134	24	4,171	27	9,755	24	42,958	25								
		3	Quite a bit	197	35	5,819	35	14,739	35	63,168	36								
		4	Very much	161	30	4,600	26	12,271	30	48,478	28								
			Total	552	100	16,391	100	40,981	100	171,762	100								
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	84	15	2,237	15	6,190	17	25,804	16	<b>2.6</b>	2.7 *	-.11	2.6	-.04	2.6	-.04	
		2	Some	176	32	4,625	29	11,979	29	52,402	30								
		3	Quite a bit	187	34	5,257	32	12,986	31	54,655	31								
		4	Very much	105	19	4,268	25	9,761	23	38,669	22								
			Total	552	100	16,387	100	40,916	100	171,530	100								

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Providing opportunities to be involved socially	SEsocial	1	Very little	56	10	1,763	11	4,671	14	17,199	11	<b>2.7</b>	2.7	.03	2.7	.07	2.7	-.01	
		2	Some	157	29	4,726	30	11,420	29	47,010	28								
		3	Quite a bit	208	38	5,870	36	14,639	34	64,422	37								
		4	Very much	128	23	4,006	23	10,114	23	42,762	24								
		Total		549	100	16,365	100	40,844	100	171,393	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	74	13	1,778	12	5,173	14	21,254	13	<b>2.7</b>	2.7	-.02	2.7	.04	2.7	.03	
		2	Some	150	27	4,666	29	11,618	29	49,898	29								
		3	Quite a bit	191	34	5,607	34	14,038	34	60,157	35								
		4	Very much	134	25	4,276	25	9,969	24	39,881	23								
		Total		549	100	16,327	100	40,798	100	171,190	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	189	35	5,125	32	12,897	32	56,944	34	<b>2.1</b>	2.1	-.08	2.2 **	-.11	2.1	-.05	
		2	Some	205	37	5,548	34	13,595	33	58,360	34								
		3	Quite a bit	95	18	3,477	21	8,802	22	35,417	21								
		4	Very much	62	11	2,169	12	5,467	14	20,344	12								
		Total		551	100	16,319	100	40,761	100	171,065	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	119	22	3,678	22	9,237	27	31,846	20	<b>2.4</b>	2.4	-.04	2.3	.01	2.5 ***	-.14	
		2	Some	187	33	5,118	32	11,664	28	49,536	29								
		3	Quite a bit	169	31	4,697	29	12,183	28	55,481	32								
		4	Very much	75	13	2,809	17	7,623	17	33,923	19								
		Total		550	100	16,302	100	40,707	100	170,786	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	119	22	3,742	23	9,983	28	39,330	24	<b>2.3</b>	2.3	-.06	2.3	.01	2.3	-.03	
		2	Some	226	41	5,603	35	13,635	33	60,714	35								
		3	Quite a bit	135	24	4,445	27	10,875	25	46,572	27								
		4	Very much	69	13	2,511	15	6,175	14	24,181	14								
		Total		549	100	16,301	100	40,668	100	170,797	100								
<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	24	5	460	3	1,045	3	4,819	3	<b>3.2</b>	3.2	-.03	3.3 ***	-.15	3.3 *	-.09	
		2	Disagree	47	8	1,200	8	2,743	7	12,889	8								
		3	Agree	263	47	8,242	50	19,472	47	83,092	48								
		4	Strongly agree	216	40	6,415	38	17,464	44	70,127	42								
		Total		550	100	16,317	100	40,724	100	170,927	100								

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico				Far West Public				Carnegie Class				NSSE 2021 & 2022				CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	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. I feel valued by this institution.	sbvalued	1	Strongly disagree	46	9	1,089	8	2,496	7	11,923	8	<b>2.9</b>	2.9	.00	3.0 **	-13	2.9	-.03									
		2	Disagree	101	18	2,918	19	6,618	16	31,392	18																
		3	Agree	265	47	8,322	50	20,136	49	83,890	48																
		4	Strongly agree	137	26	3,975	23	11,426	29	43,590	26																
		Total		549	100	16,304	100	40,676	100	170,795	100																
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	46	9	1,023	7	2,454	7	10,503	7	<b>2.8</b>	2.9	-.05	3.0 **	-13	2.9 *	-.10									
		2	Disagree	111	20	3,186	20	7,438	18	32,126	19																
		3	Agree	260	47	8,137	49	19,802	48	83,843	48																
		4	Strongly agree	130	24	3,966	24	11,011	27	44,452	26																
		Total		547	100	16,312	100	40,705	100	170,924	100																
<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 <i>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	2	0	63	0	161	0	669	0	<b>17.0</b>	16.4	.07	15.7 ***	.15	15.9 **	.12									
		3	1-5 hrs	50	10	1,637	10	4,725	12	18,884	11																
		8	6-10 hrs	111	19	3,375	20	8,794	21	35,884	21																
		13	11-15 hrs	93	18	3,207	19	8,104	20	34,302	20																
		18	16-20 hrs	106	20	3,064	19	7,725	19	32,207	19																
		23	21-25 hrs	63	11	2,028	13	4,680	12	20,143	12																
		28	26-30 hrs	46	8	1,276	8	2,851	7	12,176	7																
33	More than 30 hrs	68	13	1,617	10	3,540	9	16,167	10																		
Total		539	100	16,267	100	40,580	100	170,432	100																		

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	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. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	286	53	9,047	54	22,014	57	80,218	49	<b>3.9</b>	3.9	-.01	3.8	.01	4.5 *	▽	-.09
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	129	24	3,645	23	8,966	21	43,151	24								
	8	6-10 hrs	55	10	1,465	10	3,760	9	19,364	11									
	13	11-15 hrs	27	5	934	6	2,389	5	11,709	7									
	18	16-20 hrs	21	4	525	3	1,547	4	7,460	4									
	23	21-25 hrs	9	2	300	2	844	2	3,877	2									
	28	26-30 hrs	3	1	133	1	399	1	1,731	1									
	33	More than 30 hrs	7	1	204	1	607	1	2,641	1									
	Total			537	100	16,253	100	40,526	100	170,151	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	426	78	13,337	81	32,353	82	128,123	77	<b>2.7</b>	2.6	.02	2.4	.05	3.0	-.04	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	19	4	383	3	1,419	3	7,375	4								
	8	6-10 hrs	24	5	631	4	2,164	5	11,741	6									
	13	11-15 hrs	25	5	692	4	1,682	4	8,881	5									
	18	16-20 hrs	33	6	839	5	1,796	4	8,644	5									
	23	21-25 hrs	9	2	184	1	513	1	2,706	2									
	28	26-30 hrs	1	0	68	0	242	1	1,029	1									
	33	More than 30 hrs	2	0	127	1	366	1	1,701	1									
	Total			539	100	16,261	100	40,535	100	170,200	100								
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	210	40	6,241	40	13,698	33	66,754	39	<b>12.8</b>	12.9	.00	16.0 ***	-.23	13.5	-.05	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	23	4	706	5	1,740	4	8,250	5								
	8	6-10 hrs	36	7	962	6	2,351	5	10,962	6									
	13	11-15 hrs	26	5	1,126	7	2,665	6	12,000	7									
	18	16-20 hrs	68	13	1,684	10	3,643	9	15,532	9									
	23	21-25 hrs	47	8	1,437	8	3,113	7	12,635	7									
	28	26-30 hrs	41	8	1,131	6	2,512	6	9,557	5									
	33	More than 30 hrs	91	16	2,972	17	10,842	30	34,593	22									
	Total			542	100	16,259	100	40,564	100	170,283	100								
Estimated number of hours working for pay	tmworkhrs											<b>15.5</b>	15.5	.00	18.4 ***	-.20	16.5	-.07	
	(Continuous variable created by NSSE)																		

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	347	67	9,900	62	23,468	59	95,221	57	<b>2.1</b>	2.7 **	-11	2.8 ***	-13	2.9 ***	-15	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	133	23	3,778	23	10,917	26	48,997	28								
	8	6-10 hrs	31	5	1,234	7	2,911	7	12,526	7									
	13	11-15 hrs	12	2	611	4	1,437	3	5,951	3									
	18	16-20 hrs	9	2	336	2	799	2	3,378	2									
	23	21-25 hrs	2	0	156	1	388	1	1,652	1									
	28	26-30 hrs	3	0	74	0	199	0	772	0									
	33	More than 30 hrs	3	1	154	1	402	1	1,614	1									
	Total			540	100	16,243	100	40,521	100	170,111	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	12	2	613	4	1,612	4	5,740	4	<b>11.7</b>	11.0	.08	10.4 ***	.16	11.0 *	.09	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	129	23	4,611	27	11,902	29	45,258	26								
	8	6-10 hrs	161	30	4,484	27	11,383	28	47,702	28									
	13	11-15 hrs	95	18	2,857	18	6,908	17	31,591	18									
	18	16-20 hrs	68	13	1,729	11	4,353	11	19,872	12									
	23	21-25 hrs	31	6	741	5	1,688	4	8,143	5									
	28	26-30 hrs	14	3	361	2	880	2	3,791	2									
	33	More than 30 hrs	27	6	844	6	1,796	5	8,021	5									
	Total			537	100	16,240	100	40,522	100	170,118	100								
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	352	66	8,926	57	22,045	52	105,830	61	<b>5.5</b>	6.4	-.09	8.9 ***	-.27	6.7 **	-.11	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	56	11	2,285	13	4,730	11	18,520	11								
	8	6-10 hrs	28	5	1,271	8	2,721	7	9,561	6									
	13	11-15 hrs	18	3	810	5	1,671	4	6,279	4									
	18	16-20 hrs	14	3	589	4	1,465	4	4,960	3									
	23	21-25 hrs	5	1	276	2	739	2	2,611	2									
	28	26-30 hrs	5	1	225	1	654	2	2,051	1									
	33	More than 30 hrs	62	10	1,855	10	6,469	17	20,182	13									
	Total			540	100	16,237	100	40,494	100	169,994	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 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico				Far West Public				Carnegie Class				NSSE 2021 & 2022				CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	121	21	5,632	34	15,579	42	60,510	37	<b>4.6</b>	4.4	.03	3.8 **	.13	4.0 *	.10									
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	301	57	6,570	41	16,005	37	73,140	42																
	8	6-10 hrs	61	12	2,325	15	5,038	12	20,879	12																	
	13	11-15 hrs	32	6	827	5	1,889	4	7,503	4																	
	18	16-20 hrs	10	2	396	2	863	2	3,412	2																	
	23	21-25 hrs	10	2	165	1	373	1	1,692	1																	
	28	26-30 hrs	2	1	90	1	214	1	827	1																	
	33	More than 30 hrs	4	1	272	2	594	1	2,288	1																	
	Total			541	100	16,277	100	40,555	100	170,251	100																
<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	61	13	1,612	11	4,550	11	22,113	14	<b>2.9</b>	2.9	-.06	2.9	-.04	2.8	.04									
		2	Some	138	27	4,315	28	11,356	28	49,758	29																
		3	About half	166	30	4,661	28	11,553	28	47,262	28																
		4	Most	124	22	3,789	22	8,888	22	35,009	20																
		5	Almost all	49	9	1,851	10	4,054	10	15,573	9																
	Total			538	100	16,228	100	40,401	100	169,715	100																
	tmreadinghrs										<b>8.1</b>	8.2	-.01	7.9	.04	7.5 *	.09										
	(Continuous variable created by NSSE. Calculated as a proportion of tmrephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																										
	tmreadinghrscol (Collapsed version of tmreadinghrs created by NSSE.)	1	0 hrs	2	0	63	0	159	0	656	0	<b>8.1</b>	8.2	-.01	7.9	.04	7.5 *	.09									
		2	More than zero, up to 5 hrs	219	43	6,553	41	17,761	44	76,825	46																
		3	More than 5, up to 10 hrs	163	30	4,804	30	11,757	29	49,488	29																
		4	More than 10, up to 15 hrs	59	10	2,017	12	4,724	12	18,772	11																
		5	More than 15, up to 20 hrs	46	8	1,224	7	2,720	7	11,226	7																
		6	More than 20, up to 25 hrs	28	5	938	5	2,046	5	8,017	5																
		7	More than 25 hrs	18	3	569	3	1,067	3	4,135	2																
	Total			535	100	16,168	100	40,234	100	169,119	100																

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
<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	40	8	735	5	1,899	5	8,416	6	<b>2.9</b>	3.0 *	-0.09	3.0 *	-0.11	3.0 *	-0.09	
		2	Some	112	21	3,247	21	8,058	20	34,770	21								
		3	Quite a bit	211	39	6,515	40	15,962	39	66,590	39								
		4	Very much	173	32	5,747	34	14,569	35	60,170	35								
		Total		536	100	16,244	100	40,488	100	169,946	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	51	10	1,191	8	2,988	9	12,142	8	<b>2.9</b>	2.9	-0.03	2.9	-0.05	2.9	-0.06	
		2	Some	132	24	3,826	25	9,222	24	39,626	24								
		3	Quite a bit	192	37	6,126	37	15,015	36	63,619	37								
		4	Very much	161	30	5,083	30	13,205	31	54,368	31								
		Total		536	100	16,226	100	40,430	100	169,755	100								
c. Thinking critically and analytically	pgthink	1	Very little	14	3	398	3	1,016	3	3,837	3	<b>3.3</b>	3.3	.01	3.3	.00	3.3	-0.02	
		2	Some	71	14	2,155	14	5,267	14	21,405	13								
		3	Quite a bit	204	37	6,081	38	15,381	38	64,216	37								
		4	Very much	248	46	7,584	46	18,785	46	80,355	47								
		Total		537	100	16,218	100	40,449	100	169,813	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	52	9	1,313	8	3,700	9	14,960	9	<b>3.0</b>	2.9	.04	2.9	.08	2.9	.06	
		2	Some	115	21	3,855	24	10,192	25	42,027	24								
		3	Quite a bit	178	34	5,647	34	13,757	34	57,516	34								
		4	Very much	190	37	5,411	34	12,784	32	55,246	33								
		Total		535	100	16,226	100	40,433	100	169,749	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	45	9	1,657	11	3,219	8	13,889	9	<b>3.0</b>	2.8 ***	.15	3.0	-0.01	2.9	.03	
		2	Some	114	20	4,176	26	8,724	22	38,591	23								
		3	Quite a bit	202	37	5,472	34	14,083	35	58,273	34								
		4	Very much	177	34	4,915	29	14,425	35	59,025	34								
		Total		538	100	16,220	100	40,451	100	169,778	100								
f. Working effectively with others	pgothers	1	Very little	32	6	837	6	2,443	8	8,819	6	<b>3.0</b>	3.0	.02	3.0	.08	3.0	.03	
		2	Some	107	20	3,356	22	8,428	22	34,657	21								
		3	Quite a bit	202	37	6,147	38	14,879	36	64,462	37								
		4	Very much	196	37	5,888	35	14,684	35	61,800	35								
		Total		537	100	16,228	100	40,434	100	169,738	100								

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



# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### 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	CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	68	14	1,603	11	3,784	11	16,178	11	<b>2.8</b>	2.8	-.04	2.9	-.08	2.9	-.08	
		2	Some	129	24	3,965	25	9,345	24	39,736	24								
		3	Quite a bit	180	34	5,666	35	13,962	34	58,886	34								
		4	Very much	160	29	4,975	29	13,323	32	54,853	31								
		Total		537	100	16,209	100	40,414	100	169,653	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	59	12	1,220	8	3,494	10	14,653	10	<b>2.9</b>	2.9	-.09	2.9	-.03	2.9	-.03	
		2	Some	123	23	3,618	24	9,381	24	41,013	25								
		3	Quite a bit	176	33	5,537	34	13,681	33	58,258	34								
		4	Very much	180	32	5,836	34	13,852	33	55,731	32								
		Total		538	100	16,211	100	40,408	100	169,655	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	58	11	1,554	10	3,604	10	14,349	9	<b>2.8</b>	2.8	-.01	2.8	-.04	2.9	-.05	
		2	Some	144	26	4,200	26	10,247	26	43,312	26								
		3	Quite a bit	178	33	5,695	35	14,243	35	60,581	35								
		4	Very much	155	30	4,757	28	12,314	30	51,461	30								
		Total		535	100	16,206	100	40,408	100	169,703	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	67	13	1,832	12	4,472	12	19,156	12	<b>2.7</b>	2.7	-.03	2.8	-.05	2.8	-.04	
		2	Some	148	28	4,460	28	10,750	27	46,692	28								
		3	Quite a bit	181	33	5,363	33	13,457	33	56,302	32								
		4	Very much	142	26	4,576	27	11,758	28	47,670	28								
		Total		538	100	16,231	100	40,437	100	169,820	100								
<b>19. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	25	5	536	4	1,228	3	5,036	3	<b>3.2</b>	3.1	.06	3.2	-.06	3.2	-.04	
		2	Fair	76	15	2,392	16	5,451	13	23,001	14								
		3	Good	219	40	7,460	46	17,388	42	75,026	43								
		4	Excellent	218	41	5,860	35	16,415	41	66,982	39								
		Total		538	100	16,248	100	40,482	100	170,045	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	31	6	690	5	2,046	5	8,674	5	<b>3.1</b>	3.2	-.04	3.2	-.08	3.2	-.04	
		2	Probably no	74	14	2,060	13	5,242	12	22,887	13								
		3	Probably yes	205	38	6,737	42	15,691	38	68,210	40								
		4	Definitely yes	230	42	6,798	40	17,625	45	70,754	42								
		Total		540	100	16,285	100	40,604	100	170,525	100								

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

# NSSE 2022 Frequencies and Statistical Comparisons

## California State University, Chico

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022		CSU, Chico		Far West Public		Carnegie Class		NSSE 2021 & 2022	
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>22. To what extent have the faculty and staff at your institution done a good job helping students adapt to the changes brought on by the COVID-19 pandemic?</b>															
	covidexp	1	Very little	34	7	1,028	7	2,585	7	11,458	7	<b>3.1</b>							
		2	Some	102	18	3,463	22	8,021	20	35,899	21								
		3	Quite a bit	187	35	5,737	35	13,908	33	61,128	35								
		4	Very much	217	40	6,052	36	16,089	40	61,898	36			3.0	.08	3.1	.01	3.0	.08
			Total	540	100	16,280	100	40,603	100	170,383	100								

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

# NSSE 2022 Frequencies and Statistical Comparisons

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

### California State University, Chico

#### 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>		
	CSU, Chico	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	Comparisons with:			Comparisons with:			Comparisons with:						
														Far West Public	Carnegie Class	NSSE 2021 & 2022	Far West Public	Carnegie Class	NSSE 2021 & 2022	Far West Public	Carnegie Class	NSSE 2021 & 2022				
1 a. askquest	225	2.68	2.69	2.77	2.78	.055	.010	.006	.003	.82	.81	.87	.85	7,219	20,773	91,102	.774	.106	.069	-.02	-.11	-.12				
b. CLaskhelp	221	2.47	2.43	2.22	2.38	.056	.011	.007	.003	.84	.91	.96	.93	237	226	221	.575	.000	.138	.04	.25	.09				
c. CLexplain	222	2.54	2.43	2.28	2.44	.056	.010	.006	.003	.83	.85	.92	.89	7,158	20,598	90,331	.066	.000	.096	.13	.29	.11				
d. CLstudy	220	2.24	2.20	2.10	2.23	.059	.011	.007	.003	.88	.94	.98	.98	7,117	225	220	.537	.018	.893	.04	.15	.01				
e. CLproject	221	2.50	2.49	2.29	2.44	.055	.010	.007	.003	.82	.87	.96	.91	7,086	227	221	.854	.000	.260	.01	.22	.07				
f. present	220	2.32	2.14	2.10	2.12	.057	.010	.007	.003	.85	.87	.92	.89	7,080	20,297	89,036	.003	.001	.001	.21	.23	.22				
2 a. RIintegrate	215	2.43	2.52	2.51	2.54	.052	.010	.006	.003	.77	.84	.89	.87	231	220	215	.093	.147	.041	-.11	-.09	-.12				
b. RISocietal	208	2.49	2.58	2.58	2.58	.061	.011	.006	.003	.88	.88	.90	.89	6,924	19,793	86,695	.132	.130	.129	-.11	-.11	-.11				
c. RIDiverse	206	2.65	2.63	2.58	2.61	.061	.011	.007	.003	.88	.89	.93	.92	6,861	19,576	85,789	.765	.253	.510	.02	.08	.05				
d. RIownview	203	2.63	2.76	2.78	2.78	.057	.010	.006	.003	.81	.80	.83	.82	6,759	19,326	84,585	.026	.008	.009	-.16	-.19	-.18				
e. RIPerspect	202	2.83	2.91	2.91	2.92	.056	.010	.006	.003	.80	.79	.81	.80	6,675	19,023	83,036	.168	.156	.119	-.10	-.10	-.11				
f. RInewview	195	2.78	2.84	2.85	2.84	.058	.010	.006	.003	.81	.79	.81	.81	6,579	18,702	81,567	.317	.218	.295	-.07	-.09	-.08				
g. RIconnect	191	2.91	3.00	3.04	3.03	.055	.009	.006	.003	.75	.74	.76	.76	6,511	18,457	80,442	.085	.021	.021	-.13	-.17	-.17				
3 a. SFcareer	191	2.23	2.09	2.25	2.24	.069	.011	.007	.003	.95	.91	.95	.94	6,501	18,454	80,339	.037	.754	.862	.15	-.02	-.01				
b. SFotherwork	186	1.79	1.63	1.71	1.74	.072	.011	.007	.003	.98	.85	.92	.91	194	18,355	79,856	.028	.246	.419	.19	.09	.06				
c. SFdiscuss	183	1.86	1.83	1.93	1.94	.064	.011	.007	.003	.86	.87	.92	.91	6,405	18,144	78,943	.606	.329	.257	.04	-.07	-.08				
d. SFperform	184	1.98	1.93	2.15	2.10	.069	.011	.007	.003	.93	.85	.92	.90	6,413	18,147	78,934	.436	.014	.086	.06	-.18	-.13				
4 a. memorize	183	2.76	2.82	2.84	2.86	.062	.011	.006	.003	.84	.83	.83	.83	6,362	17,996	78,313	.391	.205	.103	-.06	-.09	-.12				
b. HOapply	180	2.77	2.82	2.86	2.88	.059	.010	.006	.003	.79	.81	.81	.82	6,333	17,884	77,781	.359	.102	.063	-.07	-.12	-.14				
c. HOanalyze	175	2.67	2.86	2.87	2.88	.062	.010	.006	.003	.82	.81	.82	.82	6,256	17,634	76,776	.003	.001	.001	-.23	-.25	-.25				
d. HOevaluate	172	2.86	2.88	2.91	2.89	.061	.010	.006	.003	.80	.81	.81	.82	6,225	17,539	76,343	.776	.426	.664	-.02	-.06	-.03				
e. HOform	173	2.78	2.88	2.91	2.89	.062	.010	.006	.003	.81	.80	.81	.81	6,196	17,423	75,911	.102	.046	.077	-.13	-.15	-.13				
5 a. ETgoals	174	2.91	3.01	3.06	3.03	.062	.010	.006	.003	.82	.80	.81	.80	6,156	17,321	75,406	.118	.013	.046	-.12	-.19	-.15				
b. ETorganize	174	2.89	2.88	2.96	2.95	.064	.011	.007	.003	.85	.86	.88	.86	6,141	17,235	75,135	.847	.301	.399	.01	-.08	-.06				
c. ETexample	173	2.86	2.94	2.98	2.97	.067	.011	.007	.003	.89	.86	.87	.85	6,125	17,214	74,985	.267	.087	.107	-.09	-.13	-.12				
d. ETdraftfb	173	2.59	2.76	2.86	2.81	.065	.012	.007	.003	.85	.92	.94	.93	6,110	17,179	74,821	.019	.000	.002	-.18	-.29	-.24				
e. ETfeedback	173	2.46	2.63	2.80	2.71	.070	.012	.007	.003	.93	.91	.93	.92	6,079	17,068	74,431	.018	.000	.000	-.18	-.36	-.27				
f. etcriteria	172	2.86	2.94	3.02	2.97	.066	.011	.007	.003	.87	.84	.85	.84	6,040	16,957	73,999	.216	.013	.076	-.10	-.19	-.14				
g. etreview	170	2.90	2.92	2.99	2.96	.062	.011	.006	.003	.81	.81	.83	.82	6,020	16,907	73,749	.800	.175	.396	-.02	-.10	-.07				
h. etprefer	169	2.55	2.54	2.68	2.62	.068	.012	.007	.003	.88	.88	.91	.89	6,017	16,867	73,566	.913	.064	.309	.01	-.14	-.08				
i. etdemonstrate	168	2.89	3.06	3.09	3.08	.066	.011	.006	.003	.85	.80	.82	.81	5,990	16,817	73,388	.007	.002	.003	-.21	-.24	-.23				

# NSSE 2022 Frequencies and Statistical Comparisons

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

### California State University, Chico

#### First-Year Students

Variable Name	N					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>		
	CSU, Chico	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	Comparisons with:			Comparisons with:			Comparisons with:		
														Far West Public	Carnegie Class	NSSE 2021 & 2022	Far West Public	Carnegie Class	NSSE 2021 & 2022	Far West Public	Carnegie Class	NSSE 2021 & 2022
6 a. QRconclude	166	2.49	2.60	2.58	2.59	.064	.011	.007	.003	.83	.84	.88	.87	5,891	16,545	72,122	.084	.192	.122	-.14	-.10	-.12
b. QRproblem	166	2.20	2.38	2.39	2.38	.070	.012	.007	.003	.90	.89	.93	.92	5,863	168	71,725	.013	.010	.015	-.20	-.20	-.19
c. QRevaluate	165	2.23	2.35	2.32	2.34	.065	.012	.007	.003	.84	.87	.91	.90	5,834	168	164	.075	.172	.087	-.14	-.10	-.13
7 a. wrshortnum	164	5.82	6.37	6.16	6.45	.414	.076	.045	.022	5.30	5.68	5.73	5.83	5,816	16,331	71,234	.217	.445	.165	-.10	-.06	-.11
b. wrmednum	164	2.01	2.41	2.34	2.32	.259	.049	.029	.014	3.32	3.71	3.72	3.62	5,790	16,225	70,921	.172	.260	.275	-.11	-.09	-.09
c. wrlongnum	165	1.14	1.16	1.17	1.07	.241	.046	.027	.012	3.10	3.42	3.44	3.23	5,792	16,233	70,962	.918	.887	.802	-.01	-.01	.02
— wrpages	163	50.79	55.53	54.18	53.42	5.808	1.127	.668	.303	74.24	84.38	84.41	80.35	5,765	16,122	70,513	.478	.609	.675	-.06	-.04	-.03
8 a. DDrace	165	3.01	2.94	2.87	2.93	.073	.012	.008	.004	.94	.91	.98	.94	5,793	168	70,982	.344	.058	.305	.07	.14	.08
b. DDeconomic	165	2.92	2.83	2.82	2.90	.066	.012	.008	.003	.85	.90	.95	.91	175	168	165	.182	.141	.797	.10	.10	.02
c. DDreligion	164	2.79	2.73	2.74	2.82	.070	.013	.008	.004	.89	.95	.99	.96	174	167	70,783	.398	.508	.672	.06	.05	-.03
d. DDpolitical	165	2.59	2.55	2.69	2.77	.073	.013	.008	.004	.94	.96	.99	.96	5,778	16,190	70,767	.628	.202	.016	.04	-.10	-.19
e. ddsexorient	164	2.72	2.80	2.68	2.77	.073	.018	.010	.005	.94	.98	1.02	.99	3,130	168	44,955	.302	.628	.495	-.08	.04	-.05
f. ddcountry	165	2.20	2.47	2.43	2.54	.070	.018	.010	.005	.90	.95	1.01	.99	185	170	166	.000	.001	.000	-.28	-.24	-.35
9 a. LSreading	163	2.84	2.93	2.99	2.96	.060	.010	.006	.003	.76	.77	.79	.79	5,740	16,089	70,311	.149	.019	.057	-.11	-.18	-.15
b. LSnotes	164	2.76	2.83	2.92	2.89	.064	.012	.007	.003	.82	.88	.89	.88	5,745	16,078	70,275	.365	.025	.063	-.07	-.18	-.15
c. LSsummary	163	2.73	2.73	2.87	2.83	.067	.011	.007	.003	.85	.85	.86	.86	5,747	16,075	70,245	.960	.050	.137	.00	-.15	-.12
10 challenge	164	5.29	5.25	5.41	5.36	.087	.017	.010	.005	1.12	1.24	1.30	1.27	5,722	168	164	.746	.154	.401	.03	-.10	-.06
11 a. intern <sup>l</sup>	162	8%	5%	6%	7%	.022	.003	.002	.001	--	--	--	--	--	--	--	.066	.252	.310	.13	.08	.07
b. leader <sup>l</sup>	163	7%	7%	8%	9%	.021	.003	.002	.001	--	--	--	--	--	--	--	.684	.814	.510	.03	-.02	-.05
c. learncom <sup>l</sup>	161	10%	8%	8%	10%	.024	.004	.002	.001	--	--	--	--	--	--	--	.420	.341	.957	.06	.07	.00
d. abroad <sup>l</sup>	161	2%	2%	2%	2%	.011	.002	.001	.001	--	--	--	--	--	--	--	.723	.945	.849	.03	-.01	-.02
e. research <sup>l</sup>	162	4%	4%	4%	5%	.015	.003	.002	.001	--	--	--	--	--	--	--	.975	.686	.602	.00	-.03	-.04
f. capstone <sup>l</sup>	160	1%	1%	2%	2%	.006	.002	.001	.001	--	--	--	--	--	--	--	.363	.155	.176	-.09	-.15	-.14
12 servcourse	160	1.65	1.55	1.62	1.59	.053	.009	.006	.003	.67	.68	.73	.70	5,631	15,686	68,657	.088	.591	.327	.14	.04	.08
13 a. QIstudent	159	5.05	5.19	5.28	5.29	.109	.020	.013	.006	1.38	1.45	1.50	1.46	5,507	162	66,347	.246	.042	.041	-.09	-.15	-.16
b. QIadvisor	157	5.13	5.27	5.46	5.37	.123	.022	.013	.006	1.54	1.59	1.62	1.61	5,372	15,220	67,134	.280	.010	.064	-.09	-.21	-.15
c. QIfaculty	158	5.13	5.17	5.43	5.34	.109	.020	.012	.005	1.37	1.46	1.45	1.42	5,406	160	67,152	.738	.006	.065	-.03	-.21	-.15
d. QIstaff	144	4.86	4.90	5.17	5.09	.132	.026	.015	.007	1.59	1.72	1.70	1.65	4,489	12,873	58,946	.792	.030	.092	-.02	-.18	-.14
e. QIadmin	137	5.12	4.93	5.25	5.10	.120	.024	.014	.007	1.41	1.67	1.65	1.63	148	140	137	.125	.288	.874	.11	-.08	.01

# NSSE 2022 Frequencies and Statistical Comparisons

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

### California State University, Chico

#### First-Year Students

Variable Name	N					Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>l</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	CSU, Chico	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	Comparisons with:			Comparisons with:			Comparisons with:		
														Far West Public	Carnegie Class	NSSE 2021 & 2022	Far West Public	Carnegie Class	NSSE 2021 & 2022	Far West Public	Carnegie Class	NSSE 2021 & 2022
14 a. empstudy	156	2.98	3.06	3.05	3.05	.059	.010	.006	.003	.73	.75	.77	.76	5,604	15,620	68,365	.170	.226	.223	-.11	-.10	-.10
b. SEacademic	157	2.94	2.89	2.96	2.92	.066	.011	.007	.003	.83	.83	.87	.86	5,591	15,595	68,205	.486	.760	.827	.06	-.02	.02
c. SElearnsup	156	2.94	2.90	2.98	2.96	.078	.013	.008	.004	.97	.93	.94	.92	5,593	15,569	68,113	.649	.533	.740	.04	-.05	-.03
d. SEdiverse	156	2.58	2.67	2.68	2.68	.078	.013	.008	.004	.97	.95	.98	.96	5,579	15,535	67,998	.286	.246	.223	-.09	-.09	-.10
e. SEsocial	154	2.77	2.69	2.76	2.79	.071	.012	.008	.004	.88	.92	.95	.93	5,587	15,504	67,908	.275	.874	.781	.09	.01	-.02
f. SEwellness	156	2.68	2.74	2.76	2.77	.075	.013	.008	.004	.93	.93	.95	.93	5,576	15,491	67,840	.409	.294	.241	-.07	-.08	-.09
g. SENonacad	156	2.22	2.22	2.30	2.24	.073	.013	.008	.004	.91	.96	.99	.98	5,581	158	67,749	.998	.272	.841	.00	-.08	-.02
h. SEactivities	155	2.62	2.38	2.48	2.61	.077	.014	.008	.004	.96	1.00	1.04	1.00	5,573	158	67,695	.004	.080	.894	.24	.13	.01
i. SEevents	154	2.29	2.28	2.32	2.36	.077	.013	.008	.004	.95	.96	1.00	.97	5,568	15,460	67,713	.946	.630	.344	.01	-.04	-.08
15 a. sbmyself	154	3.01	3.16	3.24	3.20	.055	.009	.006	.003	.68	.65	.69	.70	161	157	154	.011	.000	.001	-.22	-.32	-.27
b. sbvalued	155	2.88	2.93	3.03	2.96	.055	.010	.006	.003	.69	.71	.74	.76	5,561	15,425	67,567	.409	.011	.203	-.07	-.21	-.10
c. sbcommunity	155	2.79	2.87	2.97	2.94	.060	.010	.006	.003	.75	.75	.77	.78	5,569	15,456	67,659	.215	.004	.022	-.10	-.23	-.18
16 a. tmprephrs	155	14.53	15.41	14.49	15.24	.625	.116	.067	.032	7.79	8.51	8.28	8.36	165	15,394	67,426	.168	.954	.294	-.10	.00	-.08
b. tmcocurrhrs	154	4.30	3.49	4.48	4.88	.529	.082	.057	.027	6.57	6.03	7.04	6.90	161	15,369	67,314	.130	.760	.296	.13	-.02	-.08
c. tmworkonhrs	154	2.30	1.52	1.85	2.08	.446	.066	.043	.021	5.54	4.82	5.34	5.45	160	15,370	67,390	.087	.295	.609	.16	.08	.04
d. tmworkoffhrs	153	4.32	6.50	9.49	7.16	.662	.139	.101	.042	8.20	10.18	12.40	10.91	166	160	154	.002	.000	.000	-.21	-.42	-.26
— tmworkhrs	153	6.64	8.00	11.30	9.21	.826	.156	.108	.047	10.24	11.45	13.36	12.15	5,537	158	153	.146	.000	.002	-.12	-.35	-.21
e. tmservicehrs	153	1.22	1.64	2.17	2.09	.306	.057	.039	.018	3.78	4.18	4.81	4.56	5,551	157	153	.218	.002	.005	-.10	-.20	-.19
f. tmrelaxhrs	155	11.98	12.27	11.67	12.26	.659	.120	.070	.033	8.21	8.80	8.67	8.57	5,550	15,376	67,354	.680	.655	.681	-.03	.04	-.03
g. tmcarehrs	155	1.12	3.44	5.49	3.48	.305	.099	.083	.031	3.79	7.25	10.19	8.00	188	178	157	.000	.000	.000	-.32	-.43	-.30
h. tmcommutehrs	153	4.44	3.20	3.43	3.44	.465	.076	.048	.022	5.75	5.57	5.87	5.66	160	15,388	67,347	.009	.033	.029	.22	.17	.18
17 reading	155	2.73	2.77	2.76	2.66	.078	.015	.009	.004	.98	1.07	1.12	1.09	5,535	158	67,160	.651	.704	.425	-.04	-.03	.06
— tmreadinghrs	155	6.75	7.09	6.78	6.67	.456	.083	.050	.023	5.68	6.08	6.10	5.88	5,515	15,263	66,872	.483	.939	.868	-.06	-.01	.01

# NSSE 2022 Frequencies and Statistical Comparisons

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

### California State University, Chico

#### 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>		
	CSU, Chico					Far West Public				Carnegie Class				NSSE 2021 & 2022				Comparisons with:			Comparisons with:			Comparisons with:		
	CSU, Chico	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	Far West Public	Carnegie Class	NSSE 2021 & 2022	Far West Public	Carnegie Class	NSSE 2021 & 2022	Far West Public	Carnegie Class	NSSE 2021 & 2022				
18 a. pgwrite	153	2.62	2.77	2.88	2.81	.066	.012	.007	.003	.82	.85	.86	.87	5,526	15,327	67,127	.038	.000	.008	-.17	-.31	-.21				
b. pgspeak	155	2.72	2.66	2.76	2.65	.073	.012	.007	.004	.91	.92	.92	.93	5,526	15,302	67,047	.464	.592	.410	.06	-.04	.07				
c. pgthink	154	2.92	3.02	3.09	3.06	.062	.011	.007	.003	.77	.80	.80	.81	5,515	15,301	67,039	.124	.011	.042	-.13	-.21	-.16				
d. pganalyze	154	2.50	2.70	2.69	2.67	.067	.012	.008	.004	.83	.90	.94	.94	5,513	157	154	.009	.006	.012	-.21	-.20	-.18				
e. pgwork	153	2.41	2.41	2.64	2.57	.077	.013	.008	.004	.95	.96	.98	.97	5,512	15,295	67,032	.983	.004	.042	.00	-.23	-.16				
f. pgothers	155	2.67	2.71	2.77	2.74	.071	.012	.007	.004	.88	.91	.92	.91	5,521	15,301	67,052	.633	.185	.335	-.04	-.11	-.08				
g. pgvalues	152	2.56	2.56	2.72	2.67	.074	.013	.008	.004	.91	.94	.94	.94	5,519	15,294	66,979	.975	.041	.149	.00	-.17	-.12				
h. pgdiverse	154	2.70	2.78	2.82	2.78	.074	.013	.008	.004	.92	.93	.94	.94	5,516	15,302	67,028	.344	.129	.292	-.08	-.12	-.08				
i. pgprobsolve	151	2.40	2.56	2.66	2.63	.069	.012	.008	.004	.85	.91	.94	.94	5,509	154	151	.039	.000	.001	-.17	-.28	-.24				
j. pgcitizen	153	2.56	2.58	2.67	2.63	.068	.013	.008	.004	.84	.94	.96	.95	163	156	153	.804	.122	.319	-.02	-.11	-.07				
19 evalexp	152	2.98	2.99	3.11	3.07	.054	.010	.006	.003	.66	.74	.76	.76	5,526	155	152	.909	.016	.126	-.01	-.17	-.11				
20 sameinst	153	3.04	3.14	3.20	3.16	.064	.010	.006	.003	.79	.75	.79	.79	5,537	15,396	67,441	.092	.010	.044	-.14	-.21	-.16				
21 returnexp <sup>l</sup>	152	91%	91%	87%	88%	.0237	.0040	.0027	.0013	--	--	--	--	--	--	--	.985	.236	.265	.00	.10	.10				
22 covidexp	154	3.05	3.00	3.09	3.02	.074	.012	.007	.003	.91	.88	.90	.90	5,551	15,404	67,605	.457	.555	.697	.06	-.05	.03				

IPEDS: 110538

# NSSE 2022 Frequencies and Statistical Comparisons

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

### California State University, Chico

#### 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>		
	CSU, Chico	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	Comparisons with:			Comparisons with:			Comparisons with:			
														Far West Public	Carnegie Class	NSSE 2021 & 2022	Far West Public	Carnegie Class	NSSE 2021 & 2022	Far West Public	Carnegie Class	NSSE 2021 & 2022	
1 a. askquest	737	2.95	2.92	2.99	3.02	.033	.007	.005	.002	.90	.88	.91	.89	14,633	35,166	142,458	.429	.244	.046	.03	-.04	-.07	
b. CLaskhelp	737	2.46	2.45	2.23	2.33	.033	.008	.005	.003	.90	.95	.98	.97	824	35,000	745	.673	.000	.000	.02	.24	.13	
c. CLexplain	732	2.68	2.59	2.41	2.54	.032	.008	.005	.003	.87	.90	.98	.95	14,523	772	741	.007	.000	.000	.10	.28	.16	
d. CLstudy	727	2.33	2.31	2.14	2.25	.037	.009	.006	.003	1.01	1.00	1.03	1.03	14,423	34,737	140,646	.612	.000	.034	.02	.19	.08	
e. CLproject	724	2.86	2.83	2.53	2.68	.034	.008	.006	.003	.91	.92	1.04	.99	14,388	764	732	.399	.000	.000	.03	.32	.18	
f. present	721	2.63	2.56	2.42	2.48	.034	.008	.005	.003	.92	.94	1.01	.98	14,347	758	729	.053	.000	.000	.07	.21	.15	
2 a. RIintegrate	713	2.99	2.89	2.86	2.88	.033	.007	.005	.002	.87	.86	.89	.87	14,232	744	720	.001	.000	.001	.13	.15	.13	
b. RISocietal	709	2.86	2.78	2.79	2.79	.035	.008	.005	.003	.93	.93	.92	.93	14,137	34,063	137,654	.030	.069	.040	.08	.07	.08	
c. RIDiverse	706	2.61	2.66	2.64	2.65	.037	.009	.005	.003	.99	.99	.99	.99	14,027	33,829	136,673	.281	.559	.369	-.04	-.02	-.03	
d. RIownview	697	2.85	2.83	2.86	2.86	.034	.007	.005	.002	.90	.85	.85	.85	762	723	703	.708	.713	.724	.02	-.01	-.01	
e. RIPerspect	683	3.07	2.99	2.98	2.98	.031	.007	.005	.002	.82	.82	.83	.83	13,730	33,121	133,684	.015	.004	.009	.10	.11	.10	
f. RInewview	671	2.99	2.98	2.96	2.96	.032	.007	.005	.002	.82	.81	.81	.81	13,581	32,772	132,038	.799	.382	.398	.01	.03	.03	
g. RIconnect	663	3.22	3.18	3.20	3.19	.028	.007	.004	.002	.72	.75	.74	.75	13,460	32,484	130,785	.137	.455	.330	.06	.03	.04	
3 a. SFcareer	660	2.44	2.24	2.36	2.36	.038	.009	.006	.003	.96	.97	1.01	1.00	13,443	32,465	130,681	.000	.048	.047	.21	.08	.08	
b. SFotherwork	656	1.93	1.83	1.84	1.90	.039	.009	.006	.003	1.00	.98	1.01	1.02	13,378	683	662	.007	.019	.371	.11	.09	.03	
c. SFdiscuss	647	2.11	2.00	2.05	2.07	.037	.008	.006	.003	.94	.95	.98	.97	13,280	32,069	129,064	.003	.096	.263	.12	.07	.04	
d. SFperform	645	2.15	2.05	2.23	2.17	.036	.008	.005	.003	.92	.92	.95	.94	13,283	673	129,056	.012	.028	.612	.10	-.08	-.02	
4 a. memorize	639	2.70	2.76	2.72	2.74	.035	.008	.005	.003	.88	.88	.89	.90	13,192	31,842	128,246	.111	.548	.333	-.06	-.02	-.04	
b. HOapply	635	3.07	3.01	3.06	3.06	.031	.007	.005	.002	.79	.82	.81	.81	13,117	31,678	127,707	.070	.615	.547	.07	.02	.02	
c. HOanalyze	626	3.03	3.02	3.04	3.03	.034	.007	.005	.002	.85	.83	.82	.83	12,997	31,373	126,493	.642	.913	.894	.02	.00	.01	
d. HOevaluate	625	2.94	2.96	2.98	2.96	.035	.008	.005	.002	.86	.86	.85	.86	12,939	31,213	125,865	.599	.192	.505	-.02	-.05	-.03	
e. HOform	619	2.97	2.98	3.00	2.98	.034	.007	.005	.002	.85	.82	.81	.83	12,881	31,051	125,230	.799	.407	.792	-.01	-.03	-.01	
5 a. ETgoals	612	3.19	3.11	3.13	3.12	.033	.007	.005	.002	.80	.81	.82	.81	12,800	30,885	124,486	.025	.082	.044	.09	.07	.08	
b. ETorganize	610	3.07	2.99	3.03	3.03	.035	.008	.005	.002	.86	.86	.88	.86	12,777	30,789	124,191	.022	.307	.299	.09	.04	.04	
c. ETexample	612	3.07	3.05	3.05	3.06	.035	.008	.005	.002	.86	.85	.87	.86	12,748	30,744	123,939	.430	.481	.596	.03	.03	.02	
d. ETdraftfb	610	2.85	2.81	2.84	2.82	.039	.009	.006	.003	.95	.95	.97	.97	12,733	30,683	123,775	.298	.761	.361	.04	.01	.04	
e. ETfeedback	606	2.74	2.75	2.86	2.82	.039	.008	.005	.003	.96	.93	.94	.93	12,688	629	611	.718	.002	.049	-.02	-.13	-.08	
f. etcriteria	599	3.09	3.01	3.08	3.05	.035	.008	.005	.002	.84	.85	.86	.85	12,635	30,420	122,701	.028	.865	.291	.09	.01	.04	
g. etreview	595	3.07	3.03	3.05	3.04	.034	.008	.005	.002	.83	.82	.84	.83	12,588	30,307	122,302	.236	.525	.327	.05	.03	.04	
h. etprefer	591	2.77	2.68	2.77	2.74	.038	.008	.005	.003	.92	.92	.92	.92	12,570	30,284	122,136	.022	.980	.329	.10	.00	.04	
i. etdemonstrate	590	3.17	3.11	3.14	3.14	.033	.008	.005	.002	.80	.82	.83	.82	12,556	30,239	121,972	.107	.331	.327	.07	.04	.04	

# NSSE 2022 Frequencies and Statistical Comparisons

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

### California State University, Chico

#### 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>		
	CSU, Chico	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	Comparisons with:			Comparisons with:			Comparisons with:						
														Far West Public	Carnegie Class	NSSE 2021 & 2022	Far West Public	Carnegie Class	NSSE 2021 & 2022	Far West Public	Carnegie Class	NSSE 2021 & 2022				
6 a. QRconclude	580	2.71	2.67	2.67	2.67	.038	.008	.005	.003	.93	.91	.92	.92	12,414	29,807	120,224	.228	.242	.283	.05	.05	.04				
b. QRproblem	579	2.51	2.49	2.49	2.49	.038	.009	.006	.003	.91	.96	.96	.97	12,371	604	584	.519	.613	.565	.03	.02	.02				
c. QRevaluate	573	2.53	2.49	2.44	2.47	.038	.009	.006	.003	.92	.93	.94	.94	12,340	29,586	119,263	.338	.027	.131	.04	.09	.06				
7 a. wrshortnum	570	7.76	7.80	7.52	7.54	.274	.062	.039	.019	6.55	6.66	6.64	6.67	12,281	29,431	118,848	.871	.392	.433	-.01	.04	.03				
b. wrmednum	565	3.35	3.89	3.74	3.52	.178	.044	.027	.013	4.22	4.76	4.64	4.56	636	591	118,334	.003	.031	.376	-.11	-.08	-.04				
c. wrlongnum	566	1.69	2.27	2.09	1.96	.148	.040	.024	.011	3.53	4.30	4.03	3.93	649	594	572	.000	.008	.071	-.13	-.10	-.07				
— wrpages	560	75.82	87.95	83.24	79.67	3.809	.998	.602	.291	90.16	107.41	101.58	99.68	638	587	566	.002	.055	.313	-.11	-.07	-.04				
8 a. DDrace	570	3.04	3.08	2.93	2.98	.038	.009	.006	.003	.92	.92	.98	.95	12,270	594	118,600	.380	.003	.105	-.04	.12	.07				
b. DDeconomic	569	2.99	2.99	2.89	2.95	.037	.008	.006	.003	.88	.91	.94	.91	628	594	574	.980	.012	.397	.00	.10	.03				
c. DDreligion	565	2.85	2.87	2.80	2.86	.040	.009	.006	.003	.95	.97	.98	.96	12,213	587	118,244	.718	.241	.852	-.02	.05	-.01				
d. DDpolitical	566	2.79	2.71	2.76	2.82	.040	.009	.006	.003	.96	.98	.98	.96	624	29,285	118,214	.038	.458	.519	.09	.03	-.03				
e. ddsexorient	565	2.79	2.86	2.70	2.76	.041	.012	.007	.004	.96	.96	1.01	.99	7,259	597	74,712	.119	.031	.448	-.07	.09	.03				
f. ddcountry	566	2.41	2.68	2.50	2.59	.039	.012	.007	.004	.94	.96	1.00	.99	7,267	600	574	.000	.025	.000	-.29	-.09	-.18				
9 a. LSreading	562	3.05	3.08	3.10	3.07	.036	.008	.005	.002	.86	.81	.80	.82	12,172	29,172	117,735	.408	.144	.585	-.04	-.06	-.02				
b. LSnotes	560	2.80	2.88	2.93	2.88	.040	.009	.005	.003	.94	.92	.92	.93	12,171	581	117,673	.040	.001	.027	-.09	-.14	-.09				
c. LSsummary	560	2.82	2.86	2.93	2.89	.039	.008	.005	.003	.91	.89	.88	.89	12,167	579	564	.247	.003	.043	-.05	-.13	-.09				
10 challenge	552	5.54	5.45	5.60	5.51	.056	.013	.008	.004	1.33	1.37	1.35	1.36	12,099	28,940	116,849	.112	.337	.586	.07	-.04	.02				
11 a. intern <sup>l</sup>	553	45%	36%	39%	44%	.0212	.0045	.0029	.0015	--	--	--	--	--	--	--	.000	.007	.832	.18	.11	.01				
b. leader <sup>l</sup>	553	27%	24%	24%	30%	.0189	.0040	.0025	.0014	--	--	--	--	--	--	--	.050	.098	.089	.08	.07	-.07				
c. learncom <sup>l</sup>	549	20%	17%	18%	21%	.0169	.0035	.0023	.0012	--	--	--	--	--	--	--	.201	.357	.448	.05	.04	-.03				
d. abroad <sup>l</sup>	552	4%	5%	5%	8%	.0081	.0020	.0013	.0008	--	--	--	--	--	--	--	.246	.239	.000	-.05	-.05	-.18				
e. research <sup>l</sup>	550	19%	18%	17%	21%	.0166	.0036	.0022	.0012	--	--	--	--	--	--	--	.639	.311	.231	.02	.04	-.05				
f. capstone <sup>l</sup>	554	53%	41%	41%	43%	.0212	.0046	.0029	.0015	--	--	--	--	--	--	--	.000	.000	.000	.24	.23	.19				
12 servcourse	552	1.77	1.74	1.75	1.74	.031	.007	.004	.002	.73	.74	.75	.74	11,958	28,575	115,541	.257	.358	.259	.05	.04	.05				
13 a. QIstudent	542	5.50	5.50	5.55	5.55	.063	.013	.009	.004	1.47	1.43	1.45	1.40	11,790	26,476	111,466	.919	.425	.412	.00	-.03	-.04				
b. QIadvisor	536	5.32	5.18	5.43	5.32	.075	.017	.011	.005	1.73	1.76	1.74	1.75	11,555	27,976	113,389	.066	.142	.971	.08	-.06	.00				
c. QIfaculty	544	5.60	5.38	5.58	5.50	.059	.014	.009	.004	1.39	1.49	1.46	1.44	606	567	113,997	.000	.780	.124	.15	.01	.07				
d. QIstaff	445	5.23	4.94	5.15	5.04	.081	.019	.012	.006	1.71	1.78	1.78	1.76	9,194	21,760	91,358	.001	.356	.023	.16	.04	.11				
e. QIadmin	497	5.27	4.94	5.20	5.05	.074	.017	.011	.005	1.65	1.76	1.74	1.74	10,675	517	105,532	.000	.341	.004	.19	.04	.13				



# NSSE 2022 Frequencies and Statistical Comparisons

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

### California State University, Chico

#### Seniors

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>l</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	CSU, Chico	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	Comparisons with:			Comparisons with:			Comparisons with:						
														Far West Public	Carnegie Class	NSSE 2021 & 2022	Far West Public	Carnegie Class	NSSE 2021 & 2022	Far West Public	Carnegie Class	NSSE 2021 & 2022				
14 a. empstudy	543	3.09	3.14	3.11	3.12	.033	.007	.005	.002	.77	.77	.77	.77	11,910	28,503	115,184	.140	.535	.380	-.06	-.03	-.04				
b. SEacademic	547	2.91	2.86	2.92	2.88	.038	.008	.005	.003	.88	.88	.90	.89	11,898	28,462	115,012	.147	.780	.340	.06	-.01	.04				
c. SElearnsup	546	2.83	2.77	2.85	2.82	.042	.009	.006	.003	.98	.97	.97	.96	11,880	28,428	114,883	.116	.777	.658	.07	-.01	.02				
d. SEdiverse	546	2.56	2.67	2.60	2.60	.041	.009	.006	.003	.97	1.00	1.02	1.00	11,871	570	114,701	.013	.377	.337	-.11	-.04	-.04				
e. SEsocial	544	2.74	2.71	2.67	2.74	.040	.009	.006	.003	.93	.95	.98	.95	11,852	567	114,587	.490	.111	.883	.03	.07	-.01				
f. SEwellness	544	2.71	2.72	2.67	2.68	.042	.009	.006	.003	.99	.96	.99	.97	11,828	28,295	114,444	.718	.414	.492	-.02	.04	.03				
g. SENonacad	546	2.06	2.14	2.17	2.11	.042	.009	.006	.003	.98	1.01	1.02	1.00	601	568	550	.064	.009	.211	-.08	-.11	-.05				
h. SEactivities	545	2.36	2.40	2.35	2.50	.042	.010	.006	.003	.97	1.01	1.05	1.02	11,814	569	550	.349	.867	.001	-.04	.01	-.14				
i. SEevents	544	2.27	2.33	2.26	2.29	.040	.009	.006	.003	.94	.99	1.01	.99	602	568	549	.135	.799	.513	-.06	.01	-.03				
15 a. sbmyself	545	3.21	3.24	3.32	3.28	.034	.007	.004	.002	.80	.73	.72	.73	590	28,231	114,259	.507	.001	.037	-.03	-.15	-.09				
b. sbvalued	544	2.89	2.89	3.00	2.92	.038	.008	.005	.003	.89	.85	.84	.86	11,807	562	114,161	.931	.005	.425	.00	-.13	-.03				
c. sbcommunity	543	2.85	2.89	2.96	2.93	.038	.008	.005	.003	.89	.84	.85	.85	589	561	546	.260	.006	.027	-.05	-.13	-.10				
16 a. tmprephrs	533	17.03	16.43	15.69	15.91	.404	.085	.053	.027	9.33	8.99	8.83	8.93	11,764	28,108	113,880	.133	.001	.004	.07	.15	.12				
b. tmcocurrhrs	531	3.87	3.92	3.83	4.48	.282	.063	.041	.021	6.51	6.69	6.80	7.00	11,755	28,080	536	.850	.904	.030	-.01	.01	-.09				
c. tmworkonhrs	533	2.74	2.61	2.42	3.00	.264	.059	.037	.020	6.10	6.29	6.15	6.64	11,769	28,088	113,747	.655	.244	.368	.02	.05	-.04				
d. tmworkoffhrs	536	12.81	12.87	15.96	13.52	.556	.123	.084	.040	12.86	12.99	13.95	13.49	11,771	559	540	.916	.000	.203	.00	-.23	-.05				
— tmworkhrs	532	15.52	15.47	18.37	16.49	.557	.129	.085	.041	12.85	13.62	14.02	13.74	589	556	537	.937	.000	.083	.00	-.20	-.07				
e. tmservicehrs	534	2.08	2.69	2.81	2.91	.203	.051	.033	.016	4.69	5.44	5.50	5.52	603	562	540	.003	.000	.000	-.11	-.13	-.15				
f. tmrelaxhrs	531	11.69	11.03	10.35	10.98	.365	.080	.049	.025	8.41	8.50	8.18	8.30	11,745	28,078	113,672	.084	.000	.050	.08	.16	.09				
g. tmcarehrs	534	5.50	6.43	8.88	6.73	.460	.102	.077	.034	10.62	10.76	12.69	11.47	11,753	563	539	.052	.000	.008	-.09	-.27	-.11				
h. tmcommutehrs	535	4.56	4.40	3.81	3.98	.239	.057	.035	.017	5.53	6.09	5.89	5.80	597	28,112	113,772	.519	.004	.021	.03	.13	.10				
17 reading	532	2.87	2.93	2.92	2.82	.050	.011	.007	.003	1.16	1.16	1.16	1.17	11,739	27,998	113,386	.206	.351	.304	-.06	-.04	.04				
— tmreadinghrs	529	8.13	8.23	7.85	7.54	.297	.065	.041	.020	6.83	6.91	6.70	6.58	11,692	27,866	112,956	.759	.339	.040	-.01	.04	.09				

# NSSE 2022 Frequencies and Statistical Comparisons

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

### California State University, Chico

#### Seniors

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	CSU, Chico					Far West Public				Carnegie Class				NSSE 2021 & 2022				Comparisons with:			Comparisons with:			Comparisons with:		
	CSU, Chico	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	CSU, Chico	Far West Public	Carnegie Class	NSSE 2021 & 2022	Far West Public	Carnegie Class	NSSE 2021 & 2022	Far West Public	Carnegie Class	NSSE 2021 & 2022	Far West Public	Carnegie Class	NSSE 2021 & 2022				
18 a. pgwrite	530	2.95	3.03	3.04	3.03	.040	.008	.005	.003	.92	.87	.88	.88	11,755	28,060	113,562	.035	.012	.034	-.09	-.11	-.09				
b. pgspeak	529	2.86	2.89	2.91	2.91	.041	.009	.006	.003	.95	.93	.94	.93	11,745	28,029	113,427	.450	.276	.196	-.03	-.05	-.06				
c. pgthink	531	3.27	3.26	3.26	3.29	.035	.008	.005	.002	.81	.80	.80	.79	11,736	28,038	113,480	.882	.928	.604	.01	.00	-.02				
d. pganalyze	528	2.97	2.94	2.90	2.92	.042	.009	.006	.003	.97	.95	.96	.96	11,739	28,023	113,421	.399	.086	.196	.04	.08	.06				
e. pgwork	532	2.96	2.82	2.97	2.94	.041	.009	.006	.003	.94	.97	.95	.96	587	28,045	113,464	.001	.856	.542	.15	-.01	.03				
f. pgothers	531	3.05	3.02	2.97	3.02	.039	.008	.006	.003	.91	.89	.93	.90	11,744	28,029	113,434	.582	.073	.491	.02	.08	.03				
g. pgvalues	531	2.78	2.82	2.86	2.86	.044	.009	.006	.003	1.01	.97	.98	.98	11,729	28,010	113,359	.341	.054	.070	-.04	-.08	-.08				
h. pgdiverse	532	2.85	2.94	2.88	2.88	.044	.009	.006	.003	1.01	.95	.98	.97	577	28,004	113,346	.059	.510	.485	-.09	-.03	-.03				
i. pgprobsolve	529	2.81	2.82	2.85	2.86	.043	.009	.006	.003	.99	.96	.96	.95	11,731	28,002	533	.880	.341	.238	-.01	-.04	-.05				
j. pgcitizen	532	2.71	2.74	2.76	2.75	.043	.009	.006	.003	.99	.99	.99	.99	11,751	28,023	113,485	.500	.274	.383	-.03	-.05	-.04				
19 evalexp	532	3.16	3.11	3.21	3.19	.037	.008	.005	.002	.86	.81	.80	.80	576	28,067	535	.196	.142	.428	.06	-.06	-.04				
20 sameinst	533	3.15	3.18	3.22	3.18	.039	.008	.005	.003	.89	.83	.85	.85	577	28,151	114,010	.445	.054	.366	-.04	-.08	-.04				
21 covidexp	534	3.08	3.01	3.07	3.01	.040	.009	.006	.003	.93	.92	.93	.93	11,784	28,134	113,872	.080	.734	.077	.08	.01	.08				

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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."