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**NSSE 2020**  
**Frequencies and Statistical Comparisons**  
California State University, Chico

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# NSSE 2020 Frequencies and Statistical Comparisons

## About This Report

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

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

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

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

### NSSE Frequencies and Statistical Comparisons

#### NSSEville State University

Seniors ← 1

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

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

8. **Key to symbols:**

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

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>1. During the current school year, about how often have you done the following?</b>																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	18	5	796	4	2,517	4	9,200	4	<b>2.6</b>	2.6	-.04	2.8 ***	-.21	2.8 ***	-.22	
		2	Sometimes	160	46	8,197	45	23,553	37	94,303	37								
		3	Often	117	33	6,237	34	22,087	35	90,140	35								
		4	Very often	57	16	3,182	17	14,590	24	62,398	24								
		Total		352	100	18,412	100	62,747	100	256,041	100								
b. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	22	6	943	5	2,743	4	12,196	5	<b>3.0</b>	3.0	.02	3.1 **	-.14	3.1	-.07	
		2	Often	45	13	2,457	14	6,607	11	29,276	12								
		3	Sometimes	188	54	10,459	57	33,254	53	140,450	55								
		4	Never	97	27	4,499	24	19,904	32	73,211	29								
		Total		352	100	18,358	100	62,508	100	255,133	100								
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	181	53	8,939	48	27,849	47	105,111	43	<b>1.6</b>	1.7 *	-.12	1.8 ***	-.18	1.8 ***	-.24	
		2	Sometimes	122	35	6,496	35	22,152	34	94,322	36								
		3	Often	33	10	1,995	11	7,971	12	35,359	13								
		4	Very often	12	3	905	5	4,371	7	19,774	7								
		Total		348	100	18,335	100	62,343	100	254,566	100								
d. Asked another student to help you understand course material	CLaskhelp	1	Never	22	6	1,140	7	7,446	14	23,285	11	<b>2.7</b>	2.7	-.03	2.5 ***	.18	2.6	.07	
		2	Sometimes	141	40	6,551	36	23,327	38	93,088	37								
		3	Often	117	34	6,968	37	21,293	33	90,660	34								
		4	Very often	67	19	3,660	19	10,208	15	47,156	18								
		Total		347	100	18,319	100	62,274	100	254,189	100								
e. Explained course material to one or more students	CLexplain	1	Never	16	4	767	4	5,557	10	15,418	7	<b>2.8</b>	2.7	.04	2.6 ***	.19	2.7	.07	
		2	Sometimes	126	35	6,864	38	22,941	38	90,883	36								
		3	Often	140	42	7,276	39	23,225	36	99,826	38								
		4	Very often	66	19	3,377	19	10,346	16	47,356	19								
		Total		348	100	18,284	100	62,069	100	253,483	100								
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	62	19	2,503	14	11,288	20	37,065	16	<b>2.4</b>	2.5 **	-.15	2.4	-.03	2.5 **	-.14	
		2	Sometimes	136	39	6,460	36	21,133	34	85,137	34								
		3	Often	93	27	5,912	32	18,726	29	80,256	31								
		4	Very often	54	15	3,332	18	10,605	16	49,660	19								
		Total		345	100	18,207	100	61,752	100	252,118	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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	NSSE 2019 & 2020								Your first-year students compared with							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Worked with other students on course projects or assignments	CLproject	1	Never	28	8	939	5	6,938	13	21,008	9	<b>2.7</b>	2.7	.00	2.6 **	.16	2.6	.08	
		2	Sometimes	113	34	6,525	37	21,482	36	89,055	36								
		3	Often	135	39	7,194	39	22,105	35	92,985	36								
		4	Very often	66	20	3,462	19	10,837	17	47,543	18								
		Total		342	100	18,120	100	61,362	100	250,591	100								
h. Given a course presentation	present	1	Never	46	14	2,427	14	11,540	20	47,558	20	<b>2.5</b>	2.5	.02	2.3 **	.17	2.3 ***	.23	
		2	Sometimes	137	40	7,141	40	24,906	40	109,368	43								
		3	Often	105	30	5,945	32	17,269	28	65,146	25								
		4	Very often	53	16	2,603	14	7,581	12	28,164	11								
		Total		341	100	18,116	100	61,296	100	250,236	100								
<b>2. During the current school year, about how often have you done the following?</b>																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	33	10	1,340	8	5,515	10	20,427	9	<b>2.6</b>	2.6	.00	2.6	.05	2.6	.02	
		2	Sometimes	122	36	7,022	39	23,913	40	97,072	40								
		3	Often	133	41	6,871	38	22,244	36	91,975	37								
		4	Very often	46	14	2,644	15	8,710	14	37,039	15								
		Total		334	100	17,877	100	60,382	100	246,513	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	27	9	1,581	10	5,906	11	22,657	10	<b>2.5</b>	2.6	-.07	2.6	-.03	2.6	-.04	
		2	Sometimes	142	44	6,650	38	23,190	39	94,293	39								
		3	Often	114	34	6,601	36	21,373	35	88,024	35								
		4	Very often	47	14	2,961	16	9,447	16	39,611	16								
		Total		330	100	17,793	100	59,916	100	244,585	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	26	9	1,694	11	6,831	12	25,256	12	<b>2.6</b>	2.6	-.03	2.5	.04	2.6	.01	
		2	Sometimes	137	43	6,401	37	22,338	37	90,670	38								
		3	Often	101	31	6,364	35	20,193	34	84,335	34								
		4	Very often	58	17	3,205	18	9,998	16	42,132	17								
		Total		322	100	17,664	100	59,360	100	242,393	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	17	5	753	5	2,823	5	10,883	5	<b>2.7</b>	2.8	-.10	2.8	-.09	2.8	-.10	
		2	Sometimes	116	36	5,586	32	19,023	32	76,167	32								
		3	Often	135	43	7,944	45	26,088	44	108,062	44								
		4	Very often	48	16	3,215	18	10,749	19	44,657	19								
		Total		316	100	17,498	100	58,683	100	239,769	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				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. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	8	2	418	3	1,678	3	6,288	3	<b>2.9</b>	2.9	.00	2.9	.04	2.9	.02	
		2	Sometimes	74	23	4,168	25	15,197	27	61,391	26								
		3	Often	161	53	8,353	48	26,970	46	110,641	46								
		4	Very often	69	22	4,373	25	13,984	24	58,059	24								
		Total		312	100	17,312	100	57,829	100	236,379	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	13	4	399	3	1,554	3	6,260	3	<b>2.9</b>	2.9	-.02	2.8	.01	2.9	.01	
		2	Sometimes	84	27	4,819	29	16,952	30	68,780	30								
		3	Often	147	48	8,071	47	26,116	45	106,389	45								
		4	Very often	64	21	3,818	22	12,327	21	51,589	22								
		Total		308	100	17,107	100	56,949	100	233,018	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	7	2	222	2	820	2	2,993	2	<b>3.0</b>	3.0	-.07	3.0	-.08	3.0	-.10	
		2	Sometimes	74	24	3,615	22	12,186	22	47,496	21								
		3	Often	148	51	8,580	51	27,983	49	115,469	50								
		4	Very often	69	24	4,533	26	15,242	27	64,297	28								
		Total		298	100	16,950	100	56,231	100	230,255	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	78	26	3,706	22	10,500	20	41,972	19	<b>2.1</b>	2.3 *	-.12	2.3 **	-.19	2.3 ***	-.20	
		2	Sometimes	131	43	7,282	43	23,651	42	98,591	43								
		3	Often	63	22	3,939	23	14,129	24	57,839	25								
		4	Very often	25	9	2,029	12	7,909	13	31,755	14								
		Total		297	100	16,956	100	56,189	100	230,157	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	143	49	8,956	52	27,128	50	107,514	48	<b>1.8</b>	1.7	.08	1.8	.02	1.8	-.01	
		2	Sometimes	91	30	4,830	29	16,992	30	72,702	31								
		3	Often	39	13	2,156	13	8,021	14	33,163	14								
		4	Very often	22	8	947	6	3,811	7	15,602	7								
		Total		295	100	16,889	100	55,952	100	228,981	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	98	33	6,217	37	18,082	34	70,139	32	<b>2.0</b>	1.9	.03	2.0	-.04	2.0	-.07	
		2	Sometimes	131	46	6,720	40	22,665	40	96,276	42								
		3	Often	38	13	2,768	17	10,496	18	43,104	19								
		4	Very often	20	8	1,056	6	4,180	7	17,349	8								
		Total		287	100	16,761	100	55,423	100	226,868	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Discussed your academic performance with a faculty member	SFperform	1	Never	103	35	4,729	28	13,336	25	54,674	25	<b>2.0</b>	2.1 *	-0.13	2.2 ***	-0.21	2.1 ***	-0.20	
		2	Sometimes	112	40	7,389	45	24,261	44	102,663	45								
		3	Often	50	18	3,365	20	12,583	22	49,454	22								
		4	Very often	18	7	1,272	8	5,205	9	19,934	9								
		Total		283	100	16,755	100	55,385	100	226,725	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	7	2	513	3	1,813	4	8,025	4	<b>3.0</b>	2.9	.03	2.9	.08	2.9	.06	
		2	Some	73	26	4,103	25	14,157	27	57,903	26								
		3	Quite a bit	126	46	7,748	47	25,494	46	102,916	46								
		4	Very much	75	26	4,288	25	13,520	24	56,380	25								
		Total		281	100	16,652	100	54,984	100	225,224	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	14	5	672	4	1,985	4	7,540	4	<b>2.8</b>	2.8	-0.03	2.9	-0.07	2.9 *	-0.13	
		2	Some	80	28	4,727	29	14,917	28	57,025	26								
		3	Quite a bit	131	48	7,717	47	25,539	46	105,122	46								
		4	Very much	51	19	3,447	21	12,221	22	54,246	24								
		Total		276	100	16,563	100	54,662	100	223,933	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	16	5	637	4	2,034	4	7,761	4	<b>2.8</b>	2.9	-0.05	2.9	-0.07	2.9	-0.10	
		2	Some	78	28	4,553	28	14,814	28	58,557	27								
		3	Quite a bit	120	46	7,474	45	24,401	45	100,025	45								
		4	Very much	58	21	3,753	23	12,786	23	55,328	25								
		Total		272	100	16,417	100	54,035	100	221,671	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	11	4	543	4	1,811	4	8,027	4	<b>2.8</b>	2.9	-0.09	2.9	-0.09	2.9	-0.07	
		2	Some	75	28	4,113	26	13,856	26	57,715	27								
		3	Quite a bit	126	47	7,762	47	25,116	46	101,109	45								
		4	Very much	56	20	3,943	23	12,980	24	53,595	24								
		Total		268	100	16,361	100	53,763	100	220,446	100								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	9	4	565	4	1,851	4	7,748	4	<b>2.8</b>	2.9	-0.09	2.9	-0.11	2.9	-0.11	
		2	Some	87	33	4,364	27	14,101	27	57,685	27								
		3	Quite a bit	112	43	7,703	47	25,137	47	101,999	46								
		4	Very much	55	20	3,661	22	12,451	23	52,062	23								
		Total		263	100	16,293	100	53,540	100	219,494	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>5. During the current school year, to what extent have your instructors done the following?</b>																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	10	4	328	2	1,110	2	4,389	2	<b>3.0</b>	3.0	-06	3.1	-10	3.1	-10	
		2	Some	58	22	3,524	22	11,033	21	44,605	21								
		3	Quite a bit	125	48	7,538	46	24,095	45	101,172	46								
		4	Very much	67	27	4,786	29	16,898	32	67,745	31								
		Total		260	100	16,176	100	53,136	100	217,911	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	11	4	760	5	2,423	5	8,564	4	<b>2.9</b>	2.9	-05	3.0	-09	3.0	-12	
		2	Some	72	27	3,909	24	11,774	22	46,954	22								
		3	Quite a bit	116	44	7,152	44	23,520	44	99,694	45								
		4	Very much	62	25	4,289	27	15,232	29	62,030	29								
		Total		261	100	16,110	100	52,949	100	217,242	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	9	3	568	4	1,970	4	7,110	4	<b>3.0</b>	3.0	-03	3.0	-04	3.0	-06	
		2	Some	67	25	3,753	24	11,872	23	47,421	22								
		3	Quite a bit	114	45	6,926	43	22,321	42	94,392	43								
		4	Very much	67	28	4,848	30	16,676	31	67,927	31								
		Total		257	100	16,095	100	52,839	100	216,850	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	22	8	1,015	6	3,415	7	15,612	8	<b>2.7</b>	2.8 *	-13	2.9 *	-14	2.8	-09	
		2	Some	87	34	4,660	29	14,805	28	63,086	29								
		3	Quite a bit	92	36	6,221	39	19,950	37	81,592	37								
		4	Very much	55	22	4,167	26	14,560	28	56,156	26								
		Total		256	100	16,063	100	52,730	100	216,446	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	23	9	1,434	9	4,157	8	18,103	9	<b>2.6</b>	2.7	-06	2.8 *	-15	2.7	-10	
		2	Some	97	37	5,305	33	16,036	30	68,761	32								
		3	Quite a bit	89	36	5,934	37	19,989	38	82,034	38								
		4	Very much	45	18	3,361	21	12,414	24	46,912	22								
		Total		254	100	16,034	100	52,596	100	215,810	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				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>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	25	9	1,637	10	5,683	11	23,388	10	<b>2.6</b>	2.6	.04	2.6	.03	2.6	.01	
		2	Sometimes	93	38	6,246	38	19,844	38	79,820	37								
		3	Often	93	38	5,865	38	18,857	37	78,161	37								
		4	Very often	35	15	2,132	14	7,506	15	31,776	16								
		Total		246	100	15,880	100	51,890	100	213,145	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	36	14	2,907	18	9,974	19	41,778	19	<b>2.5</b>	2.3	.12	2.3 *	.13	2.3 *	.14	
		2	Sometimes	98	40	6,410	40	21,011	40	85,382	40								
		3	Often	74	31	4,746	30	14,888	29	60,900	29								
		4	Very often	34	14	1,731	11	5,697	11	23,865	12								
		Total		242	100	15,794	100	51,570	100	211,925	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	43	17	2,710	17	9,829	19	38,525	18	<b>2.4</b>	2.3	.04	2.3	.08	2.3	.06	
		2	Sometimes	93	38	6,706	42	21,752	42	88,897	42								
		3	Often	76	34	4,835	31	14,814	29	62,532	30								
		4	Very often	25	11	1,514	10	5,029	10	21,205	10								
		Total		237	100	15,765	100	51,424	100	211,159	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	21	10	756	5	3,105	6	12,552	6	<b>5.4</b>	6.6 **	-0.20	6.4 *	-0.17	6.5 **	-0.18	
		1.5	1-2	55	23	2,992	18	10,489	20	41,245	20								
		4	3-5	83	35	5,529	35	17,171	34	68,236	32								
		8	6-10	43	18	3,710	24	11,540	22	48,313	23								
		13	11-15	16	7	1,448	9	4,842	9	21,501	10								
		18	16-20	4	2	614	4	1,961	4	8,941	4								
		23	More than 20	10	4	678	5	2,164	4	9,954	5								
		Total		232	100	15,727	100	51,272	100	210,742	100								
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	101	44	5,334	33	18,867	36	74,554	37	<b>1.8</b>	2.7 ***	-0.22	2.4 **	-0.15	2.3 **	-0.14	
		1.5	1-2	76	33	5,523	35	18,238	35	77,255	36								
		4	3-5	39	16	2,867	19	8,749	17	37,160	17								
		8	6-10	15	6	1,356	9	3,696	8	14,469	7								
		13	11-15	2	1	359	2	969	2	4,313	2								
		18	16-20	1	1	121	1	287	1	1,066	1								
		23	More than 20	0	0	123	1	313	1	1,283	1								
Total		234	100	15,683	100	51,119	100	210,100	100										

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



# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. 11 pages or more	wrlongnum	0	None	175	75	11,982	75	39,356	76	159,658	76	<b>.8</b>	1.2 **	-13	1.0 *	-.09	1.0 *	-.08
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	40	17	2,112	14	7,354	15	33,219	15							
		4	3-5	13	6	647	4	1,963	4	7,876	4							
		8	6-10	4	2	464	3	1,170	3	4,403	2							
		13	11-15	2	1	292	2	810	2	3,218	2							
		18	16-20	0	0	83	1	194	0	725	0							
		23	More than 20	0	0	114	1	301	1	1,150	1							
		Total			234	100	15,694	100	51,148	100	210,249	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>41.6</b>	58.0 ***	-.20	52.9 ***	-.15	52.5 **	-.15
<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	6	2	625	4	2,990	6	9,705	5	<b>3.2</b>	3.1	.10	3.0 **	.20	3.0 *	.14
		2	Sometimes	46	20	3,531	23	13,015	25	51,313	24							
		3	Often	88	38	5,224	34	16,368	32	67,721	32							
		4	Very often	93	41	6,295	39	18,676	36	81,173	38							
			Total	233	100	15,675	100	51,049	100	209,912	100							
b. People from an economic background other than your own	DDeconomic	1	Never	5	2	767	5	2,935	6	9,179	5	<b>3.1</b>	3.0 *	.14	3.0 **	.17	3.0	.10
		2	Sometimes	54	23	3,830	25	12,676	25	48,978	24							
		3	Often	85	36	5,724	37	18,277	36	76,490	36							
		4	Very often	86	38	5,309	33	16,994	33	74,756	35							
			Total	230	100	15,630	100	50,882	100	209,403	100							
c. People with religious beliefs other than your own	DDreligion	1	Never	13	6	1,229	8	4,070	8	14,172	7	<b>3.0</b>	2.9	.11	2.9	.11	2.9	.04
		2	Sometimes	63	26	4,305	28	14,112	28	56,326	27							
		3	Often	75	33	5,153	33	16,456	32	67,821	32							
		4	Very often	81	35	4,945	31	16,256	32	71,131	34							
			Total	232	100	15,632	100	50,894	100	209,450	100							
d. People with political views other than your own	DDpolitical	1	Never	10	5	1,575	10	4,346	9	14,603	7	<b>2.9</b>	2.7 ***	.22	2.8	.10	2.9	.05
		2	Sometimes	72	31	5,287	34	14,742	29	60,749	29							
		3	Often	73	31	4,693	30	16,516	32	68,046	32							
		4	Very often	77	33	4,095	26	15,318	30	66,133	32							
			Total	232	100	15,650	100	50,922	100	209,531	100							

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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	NSSE 2019 & 2020								Your first-year students compared with							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	4	1	305	2	965	2	3,885	2	<b>3.0</b>	3.0	.04	3.0	-.02	3.0	-.02	
		2	Sometimes	53	23	3,724	24	11,503	23	46,763	23								
		3	Often	118	52	7,612	49	24,174	48	99,599	47								
		4	Very often	57	24	3,899	24	13,910	27	57,916	27								
		Total		232	100	15,540	100	50,552	100	208,163	100								
b. Reviewed your notes after class	LSnotes	1	Never	11	5	704	5	2,074	5	9,067	5	<b>2.8</b>	2.9	-.04	2.9	-.13	2.9	-.10	
		2	Sometimes	72	32	4,670	31	13,789	28	59,836	29								
		3	Often	87	37	5,709	36	18,674	37	75,526	36								
		4	Very often	59	25	4,440	27	15,948	30	63,516	30								
		Total		229	100	15,523	100	50,485	100	207,945	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	19	8	1,026	7	2,709	5	11,548	6	<b>2.7</b>	2.7	-.02	2.8 *	-.15	2.8	-.13	
		2	Sometimes	79	34	5,173	34	15,116	30	63,217	31								
		3	Often	83	36	5,845	38	19,482	39	80,699	39								
		4	Very often	50	22	3,480	21	13,168	26	52,497	25								
		Total		231	100	15,524	100	50,475	100	207,961	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	5	2	108	1	385	1	1,600	1	<b>5.2</b>	5.3	-.12	5.4 **	-.21	5.4 **	-.22	
		2		3	2	162	1	531	1	2,118	1								
		3		17	7	728	5	2,179	5	8,866	5								
		4		30	13	2,172	14	6,167	13	24,189	12								
		5		76	33	5,671	37	17,005	33	69,889	33								
		6		67	30	3,603	23	12,235	24	53,221	25								
		7	Very much	31	13	2,989	19	11,652	23	46,836	23								
		Total		229	100	15,433	100	50,154	100	206,719	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		42	19	2,556	17	7,436	16	26,593	14	<b>7%</b>	6%	.03	7%	.01	7%	-.01	
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	17	8	820	6	3,136	7	10,788	6								
		Plan to do	152	66	11,084	71	36,220	70	154,008	73									
		Done or in progress	16	7	928	6	3,227	7	14,797	7									
		Total	227	100	15,388	100	50,019	100	206,186	100									

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	73	31	5,003	32	15,069	30	57,271	28	<b>7%</b>	8%	-.01	9%	-.05	10%	-.10	
			Do not plan to do	67	31	4,173	28	12,823	27	47,592	24								
			Plan to do	68	30	5,047	32	17,560	33	79,440	38								
			Done or in progress	17	7	1,138	8	4,444	9	21,341	10								
			Total	225	100	15,361	100	49,896	100	205,644	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	79	34	5,545	36	17,527	35	68,410	33	<b>9%</b>	11%	-.08	11%	-.05	13%	-.12	
			Do not plan to do	73	33	3,618	25	12,725	27	54,615	27								
			Plan to do	51	24	4,488	28	14,059	28	56,242	27								
			Done or in progress	21	9	1,653	11	5,386	11	25,677	13								
			Total	224	100	15,304	100	49,697	100	204,944	100								
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	64	28	4,688	31	14,707	30	57,147	28	<b>5%</b>	2% *	.13	2% *	.13	3%	.11	
			Do not plan to do	65	31	3,997	27	15,262	33	55,717	29								
			Plan to do	84	37	6,286	40	18,522	35	86,472	40								
			Done or in progress	10	5	333	2	1,221	2	5,630	3								
			Total	223	100	15,304	100	49,712	100	204,966	100								
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	104	46	6,357	41	19,908	40	77,888	38	<b>3%</b>	4%	-.03	4%	-.04	5%	-.06	
			Do not plan to do	53	24	3,740	24	12,720	26	48,013	24								
			Plan to do	57	27	4,648	31	15,003	29	69,702	33								
			Done or in progress	8	3	564	4	2,062	4	9,313	5								
			Total	222	100	15,309	100	49,693	100	204,916	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	91	39	5,963	39	17,764	37	67,484	34	<b>4%</b>	2% *	.13	2% *	.13	2% *	.13	
			Do not plan to do	30	14	1,590	11	5,780	13	21,902	12								
			Plan to do	94	43	7,469	48	25,205	49	111,583	53								
			Done or in progress	9	4	273	2	899	2	3,775	2								
			Total	224	100	15,295	100	49,648	100	204,744	100								
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																			
	servcourse	1	None	88	39	7,010	47	22,307	46	96,067	48	<b>1.8</b>	1.7 *	.15	1.7 *	.14	1.6 **	.19	
			2	Some	109	49	6,617	43	22,021	44	88,709								43
			3	Most	18	9	1,350	9	4,181	8	15,606								8
			4	All	7	4	254	2	891	2	3,440								2
			Total	222	100	15,231	100	49,400	100	203,822	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 2020 Frequencies and Statistical Comparisons

## California State University, Chico

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
<b>a. Students</b>																			
	QIstudent	1	Poor	7	3	215	1	828	2	2,874	2	<b>5.2</b>							
		2		7	3	303	2	987	2	3,755	2								
		3		9	4	815	5	2,364	5	9,210	5								
		4		35	15	1,966	13	6,010	12	23,586	12								
		5		57	25	4,315	28	12,898	26	54,337	27								
		6		72	34	3,991	26	12,306	24	55,084	26								
		7	Excellent	32	15	3,511	23	12,385	25	51,813	26								
		—	Not applicable	2	1	119	1	1,559	3	2,941	2								
			Total	221	100	15,235	100	49,337	100	203,600	100								
<b>b. Academic advisors</b>																			
	QIadvisor	1	Poor	9	5	448	3	1,339	3	5,151	3	<b>5.1</b>							
		2		6	3	538	3	1,779	4	7,188	4								
		3		21	9	1,067	7	3,286	7	13,171	6								
		4		25	11	1,997	13	6,105	12	25,311	12								
		5		41	18	3,306	22	9,735	20	41,241	20								
		6		62	29	3,295	22	10,228	21	44,370	22								
		7	Excellent	41	19	3,935	26	15,570	32	62,729	31								
		—	Not applicable	16	7	624	4	1,225	3	4,179	2								
			Total	221	100	15,210	100	49,267	100	203,340	100								
<b>c. Faculty</b>																			
	QIfaculty	1	Poor	8	4	343	2	802	2	2,750	2	<b>5.2</b>							
		2		6	2	487	3	1,172	2	4,332	2								
		3		10	4	990	6	2,595	5	9,970	5								
		4		30	13	2,219	15	6,074	12	25,233	13								
		5		54	24	4,119	27	12,280	24	52,344	26								
		6		73	33	3,793	25	13,093	26	57,811	28								
		7	Excellent	37	18	2,924	19	12,555	26	48,639	24								
		—	Not applicable	3	2	318	2	665	2	2,182	1								
			Total	221	100	15,193	100	49,236	100	203,261	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	10	5	654	4	1,628	4	5,923	3	<b>5.1</b>	5.0	.06	5.2	-.04	5.2	-.05	
		2		10	4	602	4	1,635	3	6,623	3								
		3		12	5	1,029	7	3,027	6	12,618	6								
		4		29	13	2,030	14	6,021	12	26,350	13								
		5		37	17	3,258	22	10,054	20	44,304	21								
		6		70	32	3,043	20	10,082	20	44,148	21								
		7	Excellent	37	17	2,793	19	11,147	22	44,624	22								
	—	Not applicable	16	8	1,790	12	5,650	13	18,645	10									
	Total			221	100	15,199	100	49,244	100	203,235	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	8	4	561	4	1,561	3	6,133	3	<b>5.1</b>	5.0	.04	5.2	-.07	5.2	-.05	
		2		9	4	675	4	1,851	4	7,515	4								
		3		19	8	1,108	7	3,372	7	13,637	7								
		4		28	11	2,251	15	6,449	13	28,052	14								
		5		43	20	3,348	22	10,578	21	44,960	22								
		6		60	28	3,118	21	10,345	21	43,845	21								
		7	Excellent	37	17	2,852	19	11,703	24	44,522	22								
	—	Not applicable	17	8	1,295	9	3,416	7	14,632	8									
	Total			221	100	15,208	100	49,275	100	203,296	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	3	1	271	2	808	2	3,045	2	<b>3.0</b>	3.0	-.02	3.1	-.03	3.1	-.08	
		2	Some	46	20	3,106	20	9,614	20	37,311	19								
		3	Quite a bit	115	53	7,354	49	23,641	48	97,414	48								
		4	Very much	55	26	4,411	29	14,957	30	64,675	31								
		Total			219	100	15,142	100	49,020	100	202,445								100
b. Providing support to help students succeed academically	SEacademic	1	Very little	9	4	512	3	1,735	4	6,543	4	<b>2.9</b>	3.0	-.07	3.0	-.12	3.0	-.12	
		2	Some	52	23	3,424	23	9,989	21	41,208	21								
		3	Quite a bit	100	47	6,580	44	20,257	41	86,471	42								
		4	Very much	54	26	4,595	30	16,914	33	67,672	33								
		Total			215	100	15,111	100	48,895	100	201,894								100
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	17	7	893	6	2,655	6	10,199	5	<b>3.0</b>	3.1	-.04	3.1	-.08	3.1	-.08	
		2	Some	33	15	2,872	19	8,315	18	35,165	18								
		3	Quite a bit	99	45	5,669	38	17,843	37	76,378	38								
		4	Very much	66	32	5,661	37	20,076	40	80,044	39								
		Total			215	100	15,095	100	48,889	100	201,786								100

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

# NSSE 2020 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 2019 & 2020		CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	30	13	1,450	10	5,186	11	20,701	11	<b>2.7</b>	2.8	-0.06	2.8	-0.04	2.8	-0.05
		2	Some	55	25	4,275	29	13,629	28	56,699	28							
		3	Quite a bit	85	40	5,445	36	17,022	35	71,405	35							
		4	Very much	46	23	3,908	25	12,949	26	52,714	26							
		Total		216	100	15,078	100	48,786	100	201,519	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	11	5	1,006	7	3,158	7	10,931	6	<b>3.0</b>	2.9 *	.14	2.9	.09	3.0	.05
		2	Some	43	20	3,909	26	11,316	24	45,492	23							
		3	Quite a bit	98	45	5,961	40	18,992	39	81,338	40							
		4	Very much	61	30	4,184	27	15,227	30	63,387	31							
		Total		213	100	15,060	100	48,693	100	201,148	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	20	8	1,034	7	3,340	8	13,257	7	<b>2.8</b>	2.9	-0.08	2.9	-0.06	2.9	-0.08
		2	Some	53	24	3,593	24	11,416	24	47,270	24							
		3	Quite a bit	87	42	5,847	40	18,592	38	79,142	39							
		4	Very much	53	26	4,555	30	15,258	30	61,203	30							
		Total		213	100	15,029	100	48,606	100	200,872	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	57	25	3,096	21	9,795	21	42,503	22	<b>2.3</b>	2.4	-0.05	2.4	-0.07	2.3	-0.03
		2	Some	65	32	5,474	36	17,091	35	73,625	36							
		3	Quite a bit	62	29	4,269	29	13,893	28	55,732	27							
		4	Very much	29	14	2,199	14	7,809	16	28,901	14							
		Total		213	100	15,038	100	48,588	100	200,761	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	40	19	1,974	13	6,095	14	18,555	10	<b>2.5</b>	2.7 **	-0.19	2.7 **	-0.21	2.8 ***	-0.32
		2	Some	64	30	4,445	30	12,698	27	51,519	26							
		3	Quite a bit	73	35	5,297	36	17,261	35	76,678	38							
		4	Very much	34	17	3,302	22	12,457	24	53,778	26							
		Total		211	100	15,018	100	48,511	100	200,530	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	37	18	2,885	19	8,894	19	32,453	17	<b>2.4</b>	2.4	-0.03	2.4	-0.05	2.5	-0.08
		2	Some	80	39	5,382	36	16,342	34	70,537	35							
		3	Quite a bit	66	31	4,459	30	14,825	30	63,631	31							
		4	Very much	25	13	2,303	15	8,453	17	33,897	16							
		Total		208	100	15,029	100	48,514	100	200,518	100							

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				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 <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	6	3	180	2	591	2	2,359	2	<b>3.1</b>	3.2	-.07	3.3 *	-.17	3.3 *	-.17	
		2	Disagree	19	8	846	8	2,328	8	9,492	8								
		3	Agree	127	61	6,067	58	16,178	53	63,391	52								
		4	Strongly agree	55	28	3,307	31	11,498	37	46,185	38								
		Total		207	100	10,400	100	30,595	100	121,427	100								
b. I feel valued by this institution.	SBvalued <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	11	5	286	3	915	3	3,987	4	<b>2.9</b>	3.0	-.14	3.0 **	-.23	3.0 **	-.19	
		2	Disagree	36	16	1,738	17	4,472	15	19,418	16								
		3	Agree	135	66	6,400	61	17,431	57	68,007	55								
		4	Strongly agree	25	13	1,967	19	7,754	25	29,879	24								
		Total		207	100	10,391	100	30,572	100	121,291	100								
c. I feel like part of the community at this institution.	SBcommunity <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	12	6	378	4	1,117	4	4,368	4	<b>2.9</b>	2.9	-.09	3.0 **	-.20	3.0 **	-.21	
		2	Disagree	37	17	2,029	20	5,182	17	20,115	17								
		3	Agree	130	63	5,919	57	16,282	53	64,407	53								
		4	Strongly agree	28	14	2,075	20	8,028	26	32,540	27								
		Total		207	100	10,401	100	30,609	100	121,430	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>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	3	1	69	1	187	0	756	0	<b>13.6</b>	13.6	.00	13.6	.00	14.4	-.10	
		3	1-5 hrs	24	11	2,235	15	7,024	15	24,302	13								
		8	6-10 hrs	52	26	3,722	25	11,939	25	45,058	23								
		13	11-15 hrs	55	27	3,486	23	10,925	22	45,514	23								
		18	16-20 hrs	33	15	2,756	19	9,050	18	39,522	19								
		23	21-25 hrs	24	13	1,476	10	4,967	10	23,064	11								
		28	26-30 hrs	6	3	597	4	2,171	4	10,895	5								
		33	More than 30 hrs	8	4	644	4	2,092	4	10,598	5								
Total		205	100	14,985	100	48,355	100	199,709	100										
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	91	45	6,961	46	18,756	41	63,804	34	<b>4.6</b>	4.4	.02	5.0	-.06	5.6 *	-.14	
		3	1-5 hrs	55	26	4,076	27	14,416	28	65,106	31								
		8	6-10 hrs	23	11	1,839	13	6,754	13	31,739	16								
		13	11-15 hrs	21	11	976	7	3,785	8	18,139	9								
		18	16-20 hrs	10	5	615	4	2,341	5	10,609	5								
		23	21-25 hrs	5	2	262	2	1,155	2	5,210	3								
		28	26-30 hrs	0	0	89	1	405	1	1,894	1								
33	More than 30 hrs	1	0	132	1	611	1	2,666	1										
Total		206	100	14,950	100	48,223	100	199,167	100										

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. Working for pay on campus	tmworkonhrs	0	0 hrs	180	88	12,742	85	39,322	82	155,296	80	<b>1.6</b>	2.0	-.07	2.2	-.10	2.4 *	-0.15	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	2	1	310	2	1,883	3	8,909	4								
	8	6-10 hrs	8	4	549	4	2,656	5	14,408	6									
	13	11-15 hrs	6	3	600	4	1,978	4	10,034	5									
	18	16-20 hrs	6	3	499	3	1,436	3	6,568	3									
	23	21-25 hrs	1	1	165	1	527	1	2,288	1									
	28	26-30 hrs	0	0	35	0	164	0	648	0									
	33	More than 30 hrs	1	0	59	0	254	1	1,096	1									
	Total				204	100	14,959	100	48,220	100	199,247								100
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	147	73	9,649	66	29,322	59	134,429	66	<b>4.1</b>	5.6 *	-0.16	7.8 ***	-0.33	5.9 **	-0.18	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	12	6	650	4	2,365	5	9,424	5								
	8	6-10 hrs	11	5	846	5	2,774	6	10,752	5									
	13	11-15 hrs	9	5	963	6	3,009	6	11,176	6									
	18	16-20 hrs	6	3	1,145	7	3,323	7	11,599	6									
	23	21-25 hrs	7	4	844	5	2,420	5	8,212	4									
	28	26-30 hrs	5	2	414	3	1,460	3	4,520	2									
	33	More than 30 hrs	5	3	456	3	3,623	9	9,354	6									
	Total				202	100	14,967	100	48,296	100	199,466								100
Estimated number of hours working for pay	tmworkhrs										<b>5.6</b>	7.6 **	-0.18	9.9 ***	-0.35	8.3 ***	-0.24		
(Continuous variable created by NSSE)																			
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	133	67	9,408	64	28,726	60	116,884	59	<b>2.2</b>	2.4	-0.04	2.6	-0.08	2.5	-0.07	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	46	21	3,678	24	13,462	27	58,857	29								
	8	6-10 hrs	12	6	905	6	2,982	6	11,811	6									
	13	11-15 hrs	10	5	474	3	1,441	3	5,667	3									
	18	16-20 hrs	1	1	248	2	839	2	3,069	2									
	23	21-25 hrs	1	1	128	1	412	1	1,561	1									
	28	26-30 hrs	1	1	42	0	110	0	520	0									
	33	More than 30 hrs	0	0	82	1	278	1	995	1									
	Total				204	100	14,965	100	48,250	100	199,364								100

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



# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	<i>(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	6	3	324	2	1,140	3	3,738	2	<b>13.5</b>	12.6	.10	12.1 *	.16	12.6	.11	
		3	1-5 hrs	33	16	3,256	21	10,862	23	40,350	20								
		8	6-10 hrs	57	27	3,972	26	12,869	26	53,584	26								
		13	11-15 hrs	44	21	2,958	20	9,660	20	42,370	21								
		18	16-20 hrs	22	11	1,986	14	6,483	13	28,288	14								
		23	21-25 hrs	14	7	982	7	2,965	6	12,977	7								
		28	26-30 hrs	11	5	421	3	1,274	3	5,521	3								
		33	More than 30 hrs	17	9	1,064	8	3,019	7	12,509	7								
	Total			204	100	14,963	100	48,272	100	199,337	100								
g. Providing care for dependents (children, parents, etc.)	<i>(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	166	82	10,225	69	33,582	68	152,735	75	<b>2.0</b>	3.1 **	-0.17	4.2 ***	-0.26	3.1 **	-0.15	
		3	1-5 hrs	15	8	2,128	14	5,775	12	19,520	10								
		8	6-10 hrs	7	3	997	7	2,694	6	8,417	5								
		13	11-15 hrs	6	3	660	4	1,796	4	5,866	3								
		18	16-20 hrs	2	1	368	2	1,124	3	3,555	2								
		23	21-25 hrs	4	2	192	1	583	1	2,016	1								
		28	26-30 hrs	0	0	89	1	284	1	849	1								
		33	More than 30 hrs	2	1	283	2	2,328	6	6,056	4								
	Total			202	100	14,942	100	48,166	100	199,014	100								
h. Commuting to campus (driving, walking, etc.)	<i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	62	29	3,752	25	20,455	41	89,849	43	<b>4.8</b>	5.8 *	-0.13	4.5	.05	4.1	.12	
		3	1-5 hrs	84	41	6,117	41	15,723	33	66,296	34								
		8	6-10 hrs	30	16	2,653	18	6,227	13	22,593	12								
		13	11-15 hrs	17	9	1,146	8	2,701	6	9,644	5								
		18	16-20 hrs	4	2	575	4	1,344	3	4,570	2								
		23	21-25 hrs	2	1	237	2	631	1	2,377	1								
		28	26-30 hrs	2	1	113	1	268	1	988	1								
		33	More than 30 hrs	2	1	372	3	915	2	3,073	2								
	Total			203	100	14,965	100	48,264	100	199,390	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020		
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
<b>17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																				
	reading	1	Very little	12	6	1,507	10	4,770	10	22,780	12	<b>2.8</b>	2.8	.02	2.8	-.01	2.7	.07		
		2	Some	67	35	4,993	34	15,827	33	67,867	35									
		3	About half	71	35	4,525	30	14,555	30	57,774	29									
		4	Most	45	21	2,889	19	9,535	20	37,263	18									
		5	Almost all	6	3	1,022	7	3,519	7	13,342	6									
			Total	201	100	14,936	100	48,206	100	199,026	100									
	tmreadinghrs			<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprehrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>										<b>6.4</b>	6.2	.03	6.5	-.01	6.5	-.01
	tmreadinghrscol	1	0 hrs	2	1	69	1	184	0	734	0									
		2	More than zero, up to 5 hrs	100	51	7,887	53	24,719	52	99,929	52									
		3	More than 5, up to 10 hrs	66	33	4,350	29	13,806	28	58,412	29									
		4	More than 10, up to 15 hrs	16	8	1,357	9	4,851	10	20,360	10									
		5	More than 15, up to 20 hrs	8	4	681	5	2,402	5	10,143	5									
		6	More than 20, up to 25 hrs	5	3	397	3	1,454	3	6,211	3									
		7	More than 25 hrs	3	1	145	1	595	1	2,432	1									
			Total	200	100	14,886	100	48,011	100	198,221	100									
<b>18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																				
a. Writing clearly and effectively	pgwrite	1	Very little	14	7	844	6	2,582	6	13,505	7	<b>2.7</b>	2.8 **	-.20	2.9 ***	-.25	2.8 *	-.16		
		2	Some	66	32	3,936	26	12,572	26	55,432	28									
		3	Quite a bit	94	48	6,912	47	21,281	44	85,014	42									
		4	Very much	26	13	3,168	21	11,494	24	44,202	22									
			Total	200	100	14,860	100	47,929	100	198,153	100									

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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	NSSE 2019 & 2020								Your first-year students compared with						
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020		CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Speaking clearly and effectively	pgspeak	1	Very little	10	5	1,063	8	3,943	9	20,464	11	<b>2.7</b>	2.8	-0.08	2.8	-0.04	2.7	.06
		2	Some	64	32	3,884	27	13,696	29	61,539	31							
		3	Quite a bit	95	47	6,447	43	19,377	40	75,512	38							
		4	Very much	32	16	3,471	23	10,915	23	40,603	21							
		Total		201	100	14,865	100	47,931	100	198,118	100							
c. Thinking critically and analytically	pgthink	1	Very little	8	4	412	3	1,316	3	5,722	3	<b>3.0</b>	3.1	-0.06	3.1	-0.09	3.1	-0.08
		2	Some	38	19	2,903	20	8,960	19	37,304	19							
		3	Quite a bit	101	48	6,875	46	21,713	45	89,481	44							
		4	Very much	54	28	4,676	31	15,972	33	65,671	33							
		Total		201	100	14,866	100	47,961	100	198,178	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	20	9	1,448	10	5,616	12	24,750	12	<b>2.6</b>	2.7	-0.10	2.7	-0.07	2.7	-0.07
		2	Some	76	37	4,575	30	14,917	31	61,130	30							
		3	Quite a bit	76	38	5,820	39	17,401	36	70,766	36							
		4	Very much	28	16	3,018	21	10,017	21	41,475	22							
		Total		200	100	14,861	100	47,951	100	198,121	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	37	18	2,497	17	6,064	13	25,086	13	<b>2.4</b>	2.5	-0.08	2.6 ***	-0.25	2.6 ***	-0.25
		2	Some	77	37	5,129	35	15,280	32	63,418	32							
		3	Quite a bit	64	33	4,888	33	16,606	34	69,247	35							
		4	Very much	22	12	2,334	15	9,974	21	40,418	21							
		Total		200	100	14,848	100	47,924	100	198,169	100							
f. Working effectively with others	pgothers	1	Very little	13	6	848	6	2,879	7	11,929	7	<b>2.8</b>	2.9	-0.03	2.9	-0.04	2.9	-0.03
		2	Some	50	25	3,984	27	12,322	26	52,222	27							
		3	Quite a bit	98	49	6,278	42	19,936	41	82,694	41							
		4	Very much	40	20	3,749	25	12,784	26	51,233	26							
		Total		201	100	14,859	100	47,921	100	198,078	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	30	15	1,614	12	4,679	11	20,270	11	<b>2.6</b>	2.7	-0.10	2.7 *	-0.17	2.7 *	-0.15
		2	Some	56	27	4,334	29	13,431	28	55,998	28							
		3	Quite a bit	83	42	5,876	39	18,513	38	75,687	37							
		4	Very much	30	16	3,032	20	11,298	23	46,072	23							
		Total		199	100	14,856	100	47,921	100	198,027	100							

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	19	10	1,117	8	3,941	9	17,066	9	<b>2.8</b>	2.9	-09	2.8	-06	2.8	-04	
		2	Some	53	26	3,685	25	12,562	27	53,439	27								
		3	Quite a bit	80	40	5,853	39	18,200	37	74,863	37								
		4	Very much	48	24	4,213	28	13,238	27	52,715	27								
		Total		200	100	14,868	100	47,941	100	198,083	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	21	10	1,722	12	5,146	11	21,039	11	<b>2.6</b>	2.6	.02	2.7	-04	2.7	-04	
		2	Some	72	35	4,890	33	15,223	31	64,367	32								
		3	Quite a bit	72	36	5,448	36	17,604	36	71,923	36								
		4	Very much	36	18	2,798	18	9,989	21	40,813	21								
		Total		201	100	14,858	100	47,962	100	198,142	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	26	13	1,719	12	5,220	11	22,414	12	<b>2.5</b>	2.6	-12	2.7 *	-16	2.7 *	-14	
		2	Some	73	37	4,729	32	14,983	31	62,954	32								
		3	Quite a bit	72	36	5,489	37	17,309	35	70,583	35								
		4	Very much	30	15	2,953	20	10,507	22	42,421	21								
		Total		201	100	14,890	100	48,019	100	198,372	100								
<b>19. How would you evaluate your entire educational experience at this institution?</b>																			
evalexp		1	Poor	6	3	260	2	860	2	3,576	2	<b>3.0</b>	3.1	-04	3.2 *	-16	3.2 **	-19	
		2	Fair	39	19	2,393	16	6,510	14	25,575	13								
		3	Good	103	49	8,234	54	23,987	49	98,525	49								
		4	Excellent	56	29	4,050	27	16,852	34	71,507	35								
		Total		204	100	14,937	100	48,209	100	199,183	100								
<b>20. If you could start over again, would you go to the same institution you are now attending?</b>																			
sameinst		1	Definitely no	10	4	462	3	1,721	4	6,916	4	<b>3.0</b>	3.1 *	-15	3.2 **	-21	3.2 **	-23	
		2	Probably no	41	18	2,230	15	6,376	13	25,046	13								
		3	Probably yes	98	48	7,090	47	20,466	43	84,557	42								
		4	Definitely yes	59	29	5,214	35	19,875	41	83,480	41								
		Total		208	100	14,996	100	48,438	100	199,999	100								
<b>21. Do you intend to return to this institution next year?<sup>f</sup></b>																			
returnexp	(Means indicate the percentage who responded "Yes.")	No		8	3	478	3	1,996	4	8,031	4	<b>87%</b>	90%	-10	87%	.00	88%	-02	
		Yes		180	87	13,558	90	42,596	87	177,175	88								
		Not sure		20	10	983	6	3,952	9	15,156	8								
		Total		208	100	15,019	100	48,544	100	200,362	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>1. During the current school year, about how often have you done the following?</b>																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	25	3	1,004	3	2,557	3	8,243	3	<b>3.0</b>	2.9 **	.11	3.1	-.03	3.1	-.03	
		2	Sometimes	209	29	9,692	33	21,686	27	77,829	27								
		3	Often	215	29	9,353	31	25,547	31	93,637	31								
		4	Very often	278	38	9,661	32	31,874	39	116,381	39								
		Total		727	100	29,710	100	81,664	100	296,090	100								
b. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	39	5	2,077	7	4,574	5	18,678	6	<b>3.0</b>	2.9 *	.08	3.1 ***	-.15	3.0	-.05	
		2	Often	93	13	4,624	16	9,801	12	39,634	14								
		3	Sometimes	437	61	16,566	56	41,944	51	154,751	52								
		4	Never	155	21	6,362	21	25,035	32	81,963	28								
		Total		724	100	29,629	100	81,354	100	295,026	100								
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	389	55	15,010	51	41,667	53	139,214	49	<b>1.6</b>	1.7 **	-.11	1.7 **	-.10	1.7 ***	-.17	
		2	Sometimes	253	35	10,202	35	26,672	32	102,536	34								
		3	Often	56	8	2,853	10	7,845	9	32,205	10								
		4	Very often	23	3	1,518	5	5,014	6	20,583	7								
		Total		721	100	29,583	100	81,198	100	294,538	100								
d. Asked another student to help you understand course material	CLaskhelp	1	Never	74	10	2,773	10	14,064	20	44,082	16	<b>2.6</b>	2.6	.01	2.3 ***	.27	2.4 ***	.16	
		2	Sometimes	298	41	12,231	42	33,863	42	118,749	41								
		3	Often	217	30	9,189	31	21,794	25	85,035	28								
		4	Very often	133	19	5,388	18	11,464	13	46,422	15								
		Total		722	100	29,581	100	81,185	100	294,288	100								
e. Explained course material to one or more students	CLexplain	1	Never	22	3	1,110	4	8,327	12	23,744	9	<b>2.9</b>	2.8 ***	.16	2.6 ***	.36	2.7 ***	.26	
		2	Sometimes	212	29	10,385	35	28,622	36	99,647	34								
		3	Often	289	40	11,550	39	27,996	33	107,343	36								
		4	Very often	198	28	6,486	22	16,120	19	63,173	21								
		Total		721	100	29,531	100	81,065	100	293,907	100								
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	115	15	3,942	14	17,560	24	56,067	20	<b>2.6</b>	2.6	-.03	2.4 ***	.20	2.5 **	.10	
		2	Sometimes	251	36	10,568	35	27,183	34	96,573	33								
		3	Often	191	27	8,716	30	21,570	26	82,191	27								
		4	Very often	157	22	6,230	21	14,429	17	57,803	19								
		Total		714	100	29,456	100	80,742	100	292,634	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020								Your seniors compared with							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Worked with other students on course projects or assignments	CLproject	1	Never	26	3	1,041	4	9,991	15	25,947	9	<b>3.0</b>	3.0	.04	2.7 ***	.36	2.8 ***	.24	
		2	Sometimes	182	26	7,448	26	22,087	28	80,780	28								
		3	Often	241	34	11,112	38	27,244	32	103,185	35								
		4	Very often	255	37	9,775	33	21,119	25	81,667	28								
		Total		704	100	29,376	100	80,441	100	291,579	100								
h. Given a course presentation	present	1	Never	60	8	2,157	7	10,592	15	34,479	13	<b>2.9</b>	2.8	.01	2.6 ***	.21	2.7 ***	.19	
		2	Sometimes	200	29	8,474	30	23,819	30	89,386	32								
		3	Often	226	32	9,995	34	25,239	30	93,782	31								
		4	Very often	222	31	8,739	29	20,714	24	73,654	24								
		Total		708	100	29,365	100	80,364	100	291,301	100								
<b>2. During the current school year, about how often have you done the following?</b>																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	21	3	891	3	3,518	5	11,412	4	<b>3.0</b>	3.0	.03	2.9 ***	.14	2.9 **	.11	
		2	Sometimes	164	24	7,327	25	21,982	28	78,323	28								
		3	Often	294	42	12,179	42	32,206	40	118,464	41								
		4	Very often	219	31	8,789	30	21,998	27	80,593	27								
		Total		698	100	29,186	100	79,704	100	288,792	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	49	8	1,723	7	5,301	7	19,221	8	<b>2.8</b>	2.8	.00	2.8	.03	2.8	.05	
		2	Sometimes	205	30	8,558	30	23,901	31	88,634	32								
		3	Often	238	34	10,859	37	29,531	37	105,942	36								
		4	Very often	205	28	7,957	26	20,620	25	73,762	25								
		Total		697	100	29,097	100	79,353	100	287,559	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	86	14	3,152	12	9,073	13	32,394	13	<b>2.6</b>	2.7	-.04	2.6	-.01	2.6	.01	
		2	Sometimes	232	34	9,420	33	26,395	34	96,892	34								
		3	Often	196	28	9,355	32	25,334	32	91,834	31								
		4	Very often	176	24	7,054	23	18,117	22	64,733	22								
		Total		690	100	28,981	100	78,919	100	285,853	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	40	6	1,257	5	3,369	5	12,057	5	<b>2.8</b>	2.8	-.01	2.9	-.03	2.8	-.02	
		2	Sometimes	195	29	8,433	29	22,669	29	81,775	29								
		3	Often	279	41	12,413	43	34,033	43	124,267	43								
		4	Very often	166	24	6,717	23	18,286	23	65,844	23								
		Total		680	100	28,820	100	78,357	100	283,943	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020								Your seniors compared with							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020		CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	17	3	680	3	2,104	3	7,272	3	<b>3.0</b>	3.0	.04	3.0	.07	3.0	.07	
		2	Sometimes	144	23	6,414	23	18,082	24	65,928	24								
		3	Often	284	42	12,923	45	35,048	45	127,487	45								
		4	Very often	222	33	8,565	29	22,343	28	80,438	28								
		Total		667	100	28,582	100	77,577	100	281,125	100								
f. Learned something that changed the way you understand an issue or concept	RNewview	1	Never	17	3	494	2	1,477	2	5,356	2	<b>3.0</b>	3.0	-.02	3.0	.02	3.0	.02	
		2	Sometimes	165	25	6,780	24	19,536	26	70,420	26								
		3	Often	276	43	12,738	45	34,377	44	125,466	45								
		4	Very often	198	29	8,330	29	21,445	27	77,192	27								
		Total		656	100	28,342	100	76,835	100	278,434	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	9	1	244	1	671	1	2,462	1	<b>3.2</b>	3.2	.04	3.2	.04	3.2	.05	
		2	Sometimes	78	12	4,162	15	11,205	15	41,032	15								
		3	Often	303	48	13,098	46	35,775	47	129,748	47								
		4	Very often	256	38	10,666	37	28,547	37	102,977	37								
		Total		646	100	28,170	100	76,198	100	276,219	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	84	13	4,861	18	12,835	18	44,839	18	<b>2.5</b>	2.4 **	.12	2.5	.06	2.5	.06	
		2	Sometimes	274	43	11,688	42	28,889	38	105,793	39								
		3	Often	150	23	6,596	23	19,046	24	69,948	24								
		4	Very often	138	21	5,005	17	15,434	20	55,579	19								
		Total		646	100	28,150	100	76,204	100	276,159	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	279	44	12,558	44	33,747	46	112,851	43	<b>1.9</b>	1.9	-.01	1.9	.01	2.0	-.04	
		2	Sometimes	204	32	8,238	29	21,537	28	83,349	30								
		3	Often	87	13	4,165	15	11,907	15	45,862	16								
		4	Very often	75	11	3,135	11	8,787	11	33,170	12								
		Total		645	100	28,096	100	75,978	100	275,232	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	159	25	8,073	28	21,891	30	72,550	28	<b>2.2</b>	2.1	.05	2.1	.04	2.2	.02	
		2	Sometimes	276	44	11,470	41	29,000	38	109,512	40								
		3	Often	126	20	5,419	20	15,669	20	59,014	21								
		4	Very often	71	11	2,962	11	8,864	11	32,269	11								
		Total		632	100	27,924	100	75,424	100	273,345	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020								Your seniors compared with						
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020		CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Discussed your academic performance with a faculty member	SFperform	1	Never	132	21	6,448	23	15,823	21	60,383	23	<b>2.2</b>	2.2	.06	2.3	-.04	2.2	.03
		2	Sometimes	282	44	12,420	45	31,882	42	118,707	43							
		3	Often	154	24	6,092	22	18,055	24	62,268	22							
		4	Very often	68	11	2,998	10	9,671	13	32,031	11							
		Total		636	100	27,958	100	75,431	100	273,389	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	1,566	6	5,477	8	20,786	8	<b>2.7</b>	2.9 **	-0.14	2.8	-0.02	2.8	-0.03
		2	Some	187	30	7,700	28	22,809	31	83,440	31							
		3	Quite a bit	242	39	11,468	41	30,091	40	107,462	39							
		4	Very much	142	22	7,099	25	16,661	22	60,241	22							
		Total		629	100	27,833	100	75,038	100	271,929	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	24	4	822	3	2,033	3	7,232	3	<b>3.1</b>	3.1	.07	3.1	.06	3.1	.05
		2	Some	109	18	5,662	20	14,657	20	53,099	20							
		3	Quite a bit	265	42	12,313	44	33,996	46	122,831	45							
		4	Very much	228	36	8,931	32	24,055	32	87,726	32							
		Total		626	100	27,728	100	74,741	100	270,888	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	21	3	821	3	2,283	3	8,315	3	<b>3.1</b>	3.0	.05	3.0	.06	3.0	.06
		2	Some	117	19	5,863	21	15,689	21	57,494	22							
		3	Quite a bit	266	44	11,892	43	32,590	44	117,771	44							
		4	Very much	214	34	8,927	32	23,570	32	85,196	31							
		Total		618	100	27,503	100	74,132	100	268,776	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	34	6	1,113	5	2,866	4	12,227	5	<b>3.0</b>	3.0	-0.02	3.0	-0.04	2.9	.01
		2	Some	137	23	6,240	23	16,396	22	62,377	24							
		3	Quite a bit	253	41	11,844	43	32,531	44	115,719	43							
		4	Very much	189	30	8,214	29	22,029	30	77,338	28							
		Total		613	100	27,411	100	73,822	100	267,661	100							
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	19	3	977	4	2,389	3	9,617	4	<b>3.0</b>	3.0	.04	3.0	.02	3.0	.05
		2	Some	141	23	6,213	23	16,572	23	61,461	24							
		3	Quite a bit	264	43	12,249	45	33,363	45	120,341	45							
		4	Very much	186	30	7,895	28	21,259	29	75,362	28							
		Total		610	100	27,334	100	73,583	100	266,781	100							

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



# NSSE 2020 Frequencies and Statistical Comparisons

## 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>5. During the current school year, to what extent have your instructors done the following?</b>																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	12	2	518	2	1,609	2	5,534	2	<b>3.2</b>	3.1	.00	3.2	-.02	3.1	.00	
		2	Some	98	16	4,744	18	12,281	17	45,362	17								
		3	Quite a bit	275	46	11,873	44	31,140	42	115,830	43								
		4	Very much	222	36	10,081	37	28,127	39	98,571	37								
		Total		607	100	27,216	100	73,157	100	265,297	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	19	3	1,129	4	3,152	5	10,284	4	<b>3.1</b>	3.0 **	.14	3.1	.07	3.1	.08	
		2	Some	110	18	5,600	21	13,569	18	49,078	19								
		3	Quite a bit	248	41	11,978	44	31,090	42	116,294	43								
		4	Very much	224	37	8,444	31	25,167	35	89,040	34								
		Total		601	100	27,151	100	72,978	100	264,696	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	14	2	785	3	2,581	4	8,652	4	<b>3.2</b>	3.1 **	.11	3.1 **	.11	3.1 **	.11	
		2	Some	105	18	5,204	19	13,860	19	49,748	19								
		3	Quite a bit	231	38	11,234	42	29,313	40	109,159	41								
		4	Very much	249	42	9,902	36	27,147	37	96,797	36								
		Total		599	100	27,125	100	72,901	100	264,356	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	64	11	2,271	9	6,469	9	24,801	10	<b>2.8</b>	2.8	.02	2.8	-.04	2.8	.02	
		2	Some	154	26	7,774	30	19,326	27	73,125	28								
		3	Quite a bit	207	36	9,645	35	25,411	34	91,731	34								
		4	Very much	170	27	7,399	26	21,585	29	74,290	27								
		Total		595	100	27,089	100	72,791	100	263,947	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	60	10	2,151	8	5,208	7	19,253	8	<b>2.8</b>	2.8	-.01	2.9 **	-.13	2.8	-.08	
		2	Some	175	29	8,130	30	19,135	26	72,843	28								
		3	Quite a bit	207	36	10,163	38	27,727	38	101,135	38								
		4	Very much	153	25	6,599	24	20,568	29	70,154	26								
		Total		595	100	27,043	100	72,638	100	263,385	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				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>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	67	11	2,819	10	7,898	10	28,156	10	2.7	2.6	.05	2.6	.06	2.7	.03	
		2	Sometimes	194	32	9,527	35	25,314	35	90,094	34								
		3	Often	196	34	9,624	36	25,635	36	93,018	36								
		4	Very often	128	23	4,826	19	13,059	19	49,500	20								
		Total		585	100	26,796	100	71,906	100	260,768	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	95	16	4,515	17	12,506	17	45,903	18	2.5	2.5	.05	2.4	.06	2.4	.07	
		2	Sometimes	211	36	10,130	38	26,694	37	96,356	37								
		3	Often	168	30	7,842	30	21,351	30	76,778	30								
		4	Very often	104	18	4,249	16	11,066	16	40,717	16								
		Total		578	100	26,736	100	71,617	100	259,754	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	93	16	4,110	15	12,081	17	41,830	16	2.5	2.5	.02	2.4	.08	2.4	.05	
		2	Sometimes	221	37	10,184	38	27,889	39	100,115	38								
		3	Often	171	31	8,533	33	21,790	31	80,593	31								
		4	Very often	93	17	3,823	15	9,662	14	36,485	14								
		Total		578	100	26,650	100	71,422	100	259,023	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	29	5	1,317	5	3,993	6	14,868	6	7.9	8.0	-.01	7.8	.03	7.7	.04	
		1.5	1-2	95	17	4,048	15	11,512	16	43,755	17								
		4	3-5	157	29	7,801	29	20,626	29	73,980	29								
		8	6-10	136	22	6,247	23	16,530	23	57,884	22								
		13	11-15	62	11	3,067	12	7,975	11	28,793	11								
		18	16-20	39	6	1,592	6	4,146	6	15,276	6								
		23	More than 20	54	10	2,506	9	6,400	9	23,683	9								
Total		572	100	26,578	100	71,182	100	258,239	100										
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	137	25	5,083	19	14,860	21	58,699	24	3.7	4.1 *	-0.09	4.0	-.06	3.7	.00	
		1.5	1-2	195	35	8,369	32	22,459	31	84,278	32								
		4	3-5	125	21	6,872	26	18,189	25	63,688	24								
		8	6-10	64	11	3,764	14	9,524	14	31,171	12								
		13	11-15	25	4	1,327	5	3,345	5	10,993	4								
		18	16-20	9	1	491	2	1,249	2	4,076	2								
		23	More than 20	14	3	587	2	1,347	2	4,514	2								
Total		569	100	26,493	100	70,973	100	257,419	100										

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				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. 11 pages or more	wrlongnum	0	None	268	48	11,549	43	32,370	46	121,469	48	<b>2.0</b>	2.4 *	-10	2.2	-.05	2.0	-.01	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	201	34	8,966	34	24,145	33	86,758	32								
		4	3-5	57	10	3,144	12	7,960	11	28,018	11								
		8	6-10	18	3	1,311	5	3,238	5	10,574	4								
		13	11-15	8	2	833	3	1,771	3	5,724	2								
		18	16-20	6	1	269	1	632	1	2,132	1								
		23	More than 20	9	2	478	2	986	1	3,287	1								
		Total			567	100	26,550	100	71,102	100	257,962	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>82.4</b>	92.8 *	-10	87.2	-.05	82.3	.00	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	26	5	957	4	3,930	6	12,575	5	<b>3.2</b>	3.2	.06	3.0 ***	.21	3.1 ***	.18	
		2	Sometimes	90	16	5,006	19	16,145	23	59,991	23								
		3	Often	170	30	8,114	31	22,014	31	79,903	31								
		4	Very often	283	50	12,499	46	28,983	40	105,276	41								
			Total	569	100	26,576	100	71,072	100	257,745	100								
b. People from an economic background other than your own	DDeconomic	1	Never	23	4	1,117	4	3,651	6	10,847	5	<b>3.2</b>	3.1 *	.11	3.0 ***	.20	3.1 ***	.15	
		2	Sometimes	96	17	5,608	21	16,489	24	57,933	22								
		3	Often	195	34	9,111	35	24,690	35	91,748	35								
		4	Very often	255	44	10,655	40	26,022	36	96,619	38								
			Total	569	100	26,491	100	70,852	100	257,147	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	36	7	1,718	6	5,041	8	16,564	6	<b>3.0</b>	3.0	.03	2.9 *	.10	3.0	.05	
		2	Sometimes	126	22	6,502	25	18,555	26	67,743	26								
		3	Often	194	34	8,471	32	22,763	32	82,166	32								
		4	Very often	214	38	9,811	37	24,535	34	90,726	36								
			Total	570	100	26,502	100	70,894	100	257,199	100								
d. People with political views other than your own	DDpolitical	1	Never	31	5	2,193	8	5,431	8	16,881	7	<b>3.0</b>	2.8 ***	.17	2.9 **	.12	2.9	.07	
		2	Sometimes	166	29	8,637	33	20,348	29	73,243	28								
		3	Often	158	28	7,710	29	22,437	31	82,128	32								
		4	Very often	214	38	7,977	30	22,715	32	85,063	34								
			Total	569	100	26,517	100	70,931	100	257,315	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	17	3	587	2	1,456	2	5,940	3	<b>3.1</b>	3.1	-0.02	3.1 *	-0.09	3.1	-0.05	
		2	Sometimes	117	21	5,349	21	13,163	19	49,537	20								
		3	Often	237	42	11,720	44	31,131	44	111,863	43								
		4	Very often	190	33	8,751	33	24,875	35	88,829	34								
		Total		561	100	26,407	100	70,625	100	256,169	100								
b. Reviewed your notes after class	LSnotes	1	Never	47	8	1,677	7	4,583	7	18,559	7	<b>2.8</b>	2.8	-0.05	2.9 **	-0.12	2.8	-0.06	
		2	Sometimes	176	32	8,157	31	19,916	28	76,581	30								
		3	Often	176	32	8,890	34	24,034	34	85,119	33								
		4	Very often	161	28	7,649	28	22,025	31	75,693	30								
		Total		560	100	26,373	100	70,558	100	255,952	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	57	10	1,809	7	4,214	6	16,663	7	<b>2.8</b>	2.8	-0.03	2.9 **	-0.14	2.8 *	-0.10	
		2	Sometimes	161	29	8,358	32	19,467	27	74,160	29								
		3	Often	198	36	9,465	36	26,829	38	95,565	37								
		4	Very often	146	25	6,738	25	20,030	28	69,533	27								
		Total		562	100	26,370	100	70,540	100	255,921	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	10	2	208	1	639	1	2,449	1	<b>5.5</b>	5.5	-0.01	5.6	-0.08	5.6	-0.02	
		2		8	1	333	1	893	1	3,340	1								
		3		22	4	1,150	5	2,753	4	10,567	4								
		4		62	12	2,736	11	6,764	10	25,591	10								
		5		146	26	7,500	29	18,969	27	72,622	28								
		6		146	26	6,587	25	17,866	25	65,659	25								
		7	Very much	164	29	7,723	28	22,217	32	74,258	29								
		Total		558	100	26,237	100	70,101	100	254,486	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		63	11	3,186	12	8,139	12	25,278	10	<b>48%</b>	42% *	.11	43% *	.10	48%	.00	
		Do not plan to do		77	14	3,756	15	12,384	19	40,976	17								
		Plan to do		142	27	8,116	30	18,189	26	60,544	24								
		Done or in progress		275	48	11,159	42	31,291	43	127,453	48								
		Total		557	100	26,217	100	70,003	100	254,251	100								

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# NSSE 2020 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	66	12	3,975	15	10,102	15	30,461	12	<b>29%</b>	27%	.04	27%	.04	34% **	▽	-.11
			Do not plan to do	274	51	12,587	48	33,031	49	110,272	44								
			Plan to do	46	8	2,662	10	6,439	9	21,601	9								
			Done or in progress	168	29	6,926	27	20,277	27	91,443	34								
			Total	554	100	26,150	100	69,849	100	253,777	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	80	15	4,726	18	11,893	17	37,171	15	<b>22%</b>	20%	.04	20%	.04	22%	-.02	
			Do not plan to do	296	54	12,740	50	35,228	51	130,554	52								
			Plan to do	48	9	3,400	13	8,078	12	25,963	10								
			Done or in progress	126	22	5,202	20	14,439	20	59,266	22								
			Total	550	100	26,068	100	69,638	100	252,954	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	76	15	4,126	15	9,681	14	29,725	12	<b>8%</b>	10%	-.05	9%	-.04	14% ***	▽	-.18
			Do not plan to do	400	72	17,344	67	47,809	70	166,667	67								
			Plan to do	26	5	2,128	8	4,902	7	17,459	7								
			Done or in progress	47	8	2,482	10	7,268	9	39,227	14								
			Total	549	100	26,080	100	69,660	100	253,078	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	108	20	5,128	19	12,452	18	38,933	16	<b>14%</b>	20% **	-0.14	19% **	-0.12	23% ***	▽	-0.22
			Do not plan to do	287	52	12,131	46	35,014	50	124,244	49								
			Plan to do	70	13	3,842	15	8,644	13	29,644	12								
			Done or in progress	82	14	4,956	20	13,552	19	60,217	23								
			Total	547	100	26,057	100	69,662	100	253,038	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	52	10	3,291	12	7,877	11	24,335	10	<b>49%</b>	42% ***	.15	43% **	.13	44% *	△	.10
			Do not plan to do	93	16	5,774	23	13,758	20	49,736	21								
			Plan to do	130	24	6,145	23	17,755	26	60,717	25								
			Done or in progress	275	49	10,856	42	30,208	43	118,132	44								
			Total	550	100	26,066	100	69,598	100	252,920	100								

#### 12. About how many of your courses at this institution have included a community-based project (service-learning)?

servcourse	1	2	3	4	Total	CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020	CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020		
None	192	37	8,658	35	24,685	37	93,756	39	<b>1.8</b>	1.8	-0.02	1.8	.01	1.8	.07
Some	273	49	13,523	51	34,742	49	126,401	49							
Most	67	12	3,075	11	8,043	11	25,916	10							
All	12	2	685	3	1,915	3	6,088	2							
Total	544	100	25,941	100	69,385	100	252,161	100							

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	10	2	304	1	919	1	2,965	1	<b>5.6</b>	5.6	-.02	5.6	-.03	5.6	-.02	
		2		11	2	377	2	1,090	2	3,847	2								
		3		22	4	1,001	4	2,563	4	9,608	4								
		4		50	9	2,608	10	6,701	10	24,531	10								
		5		127	23	6,450	25	16,187	23	61,173	24								
		6		162	30	7,100	27	17,946	25	68,958	27								
	7	Excellent	152	29	7,890	30	21,310	31	74,891	30									
	—	Not applicable	8	1	206	1	2,640	5	6,174	3									
		Total		542	100	25,936	100	69,356	100	252,147	100								
b. Academic advisors	QIadvisor	1	Poor	20	4	1,110	5	2,862	4	10,516	4	<b>5.5</b>	5.2 ***	.19	5.4	.08	5.3 **	.12	
		2		14	3	1,143	4	2,863	4	11,213	5								
		3		36	6	1,986	8	4,657	7	17,578	7								
		4		57	10	3,314	13	7,856	11	29,834	12								
		5		88	16	5,173	20	12,294	17	45,914	18								
		6		115	22	5,134	20	13,472	19	49,511	19								
	7	Excellent	192	36	7,482	29	24,029	35	83,620	33									
	—	Not applicable	20	4	565	2	1,259	2	3,771	2									
		Total		542	100	25,907	100	69,292	100	251,957	100								
c. Faculty	QIfaculty	1	Poor	16	3	450	2	1,072	2	3,585	2	<b>5.6</b>	5.4 **	.11	5.6	-.01	5.5	.04	
		2		10	2	624	2	1,385	2	4,849	2								
		3		18	4	1,335	5	2,918	4	10,998	5								
		4		43	7	3,170	12	7,133	10	27,076	11								
		5		126	23	6,240	24	15,254	22	58,237	23								
		6		156	29	7,073	28	18,774	27	71,174	28								
	7	Excellent	170	31	6,776	26	21,939	33	73,577	29									
	—	Not applicable	5	1	230	1	814	1	2,387	1									
		Total		544	100	25,898	100	69,289	100	251,883	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	21	4	1,166	4	2,883	4	10,247	4	<b>5.1</b>	5.0 *	.10	5.1	.02	5.0	.07	
		2		20	4	1,092	4	2,587	4	10,240	4								
		3		38	7	1,788	7	4,303	6	16,979	7								
		4		48	9	3,237	12	7,813	11	31,929	12								
		5		94	17	4,784	18	11,885	17	46,693	18								
		6		104	20	4,438	17	11,611	16	43,760	17								
		7	Excellent	108	20	4,691	18	14,407	21	48,450	19								
		—	Not applicable	108	20	4,690	19	13,729	21	43,459	19								
	Total	541	100	25,886	100	69,218	100	251,757	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	20	4	1,147	4	2,899	4	11,251	5	<b>5.2</b>	5.0 **	.15	5.1	.05	5.0 **	.12	
		2		19	4	1,235	5	3,013	4	11,821	5								
		3		33	6	2,004	8	4,990	7	19,196	8								
		4		76	14	3,866	15	9,169	13	36,100	14								
		5		98	18	5,582	22	13,996	20	52,392	20								
		6		123	22	5,187	20	13,877	20	50,228	20								
		7	Excellent	129	25	5,200	20	16,848	25	54,984	22								
		—	Not applicable	43	8	1,680	7	4,476	7	15,883	7								
	Total	541	100	25,901	100	69,268	100	251,855	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	12	2	512	2	1,426	2	4,757	2	<b>3.1</b>	3.1	.00	3.1	.02	3.1	-.01	
		2	Some	104	19	4,798	19	13,078	19	45,747	19								
		3	Quite a bit	234	44	11,630	45	31,787	46	114,482	46								
		4	Very much	184	34	8,883	34	22,741	33	86,075	34								
			Total	534	100	25,823	100	69,032	100	251,061	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	29	6	1,401	6	3,727	6	12,862	6	<b>2.9</b>	2.9	.02	3.0	-.04	2.9	-.01	
		2	Some	131	25	6,630	26	15,902	23	59,628	24								
		3	Quite a bit	213	41	10,694	41	28,103	40	105,775	42								
		4	Very much	161	29	7,046	27	21,147	31	72,310	28								
			Total	534	100	25,771	100	68,879	100	250,575	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	54	11	2,583	10	6,399	9	22,144	9	<b>2.9</b>	2.8	.03	2.9	-.04	2.9	-.01	
		2	Some	123	23	6,480	25	15,952	23	60,607	25								
		3	Quite a bit	190	36	9,455	37	25,161	36	94,165	37								
		4	Very much	167	30	7,243	28	21,292	31	73,448	29								
			Total	534	100	25,761	100	68,804	100	250,364	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020								Your seniors compared with							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	88	17	3,388	13	10,012	15	36,656	15	<b>2.7</b>	2.7	-.03	2.6	.03	2.6	.04	
		2	Some	135	25	7,408	29	20,142	29	76,033	30								
		3	Quite a bit	167	32	8,400	33	22,055	32	80,321	32								
		4	Very much	140	26	6,521	25	16,475	24	56,975	23								
		Total		530	100	25,717	100	68,684	100	249,985	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	58	12	2,230	9	6,932	11	21,983	9	<b>2.8</b>	2.8	.02	2.8	.06	2.8	.00	
		2	Some	122	22	7,278	28	18,504	28	65,431	27								
		3	Quite a bit	197	38	9,661	38	25,254	36	95,870	38								
		4	Very much	150	27	6,523	25	17,920	25	66,476	26								
		Total		527	100	25,692	100	68,610	100	249,760	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	71	13	2,709	10	8,405	13	29,583	12	<b>2.7</b>	2.8	-.04	2.7	.04	2.7	.03	
		2	Some	142	26	6,900	26	18,906	28	69,536	28								
		3	Quite a bit	164	32	9,344	37	23,996	35	89,028	35								
		4	Very much	152	28	6,724	26	17,238	25	61,317	24								
		Total		529	100	25,677	100	68,545	100	249,464	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	180	34	8,196	32	21,485	31	81,582	33	<b>2.1</b>	2.1	-.08	2.2 *	-.10	2.1	-.04	
		2	Some	186	36	8,982	35	23,416	34	87,252	35								
		3	Quite a bit	111	22	5,474	22	14,923	22	52,293	21								
		4	Very much	50	9	2,989	12	8,618	13	28,112	11								
		Total		527	100	25,641	100	68,442	100	249,239	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	123	23	4,743	18	15,162	24	42,817	18	<b>2.3</b>	2.5 ***	-.19	2.4	-.08	2.5 ***	-.23	
		2	Some	191	36	8,468	33	20,381	30	74,301	30								
		3	Quite a bit	145	29	7,980	32	20,645	29	82,328	32								
		4	Very much	69	12	4,441	18	12,205	17	49,503	20								
		Total		528	100	25,632	100	68,393	100	248,949	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	122	24	5,759	22	16,839	26	55,232	23	<b>2.2</b>	2.3 *	-.10	2.3	-.04	2.3	-.08	
		2	Some	214	42	9,538	37	24,066	35	91,142	36								
		3	Quite a bit	120	23	6,907	27	18,161	26	68,883	27								
		4	Very much	65	12	3,437	14	9,311	13	33,762	13								
		Total		521	100	25,641	100	68,377	100	249,019	100								

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



# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	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 <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	23	4	442	2	994	2	3,687	3	<b>3.2</b>	3.3	-10	3.3 ***	-17	3.3 **	-13	
		2	Disagree	54	10	1,336	7	2,768	6	10,146	7								
		3	Agree	230	44	9,702	49	20,900	46	70,173	47								
		4	Strongly agree	221	42	7,864	41	19,658	46	64,512	44								
		Total		528	100	19,344	100	44,320	100	148,518	100								
b. I feel valued by this institution.	SBvalued <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	46	9	1,061	6	2,379	6	9,579	7	<b>2.9</b>	2.9	-05	3.0 ***	-17	2.9	-07	
		2	Disagree	97	19	3,707	19	7,322	16	27,337	18								
		3	Agree	255	49	10,342	53	22,444	50	73,561	49								
		4	Strongly agree	128	24	4,224	22	12,150	29	37,904	26								
		Total		526	100	19,334	100	44,295	100	148,381	100								
c. I feel like part of the community at this institution.	SBcommunity <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	41	8	998	5	2,315	6	8,333	6	<b>2.9</b>	2.9	-04	3.0 *	-12	3.0 *	-10	
		2	Disagree	107	20	3,885	20	8,038	18	26,904	18								
		3	Agree	246	47	10,219	52	22,201	49	73,415	49								
		4	Strongly agree	131	25	4,254	22	11,765	27	39,830	27								
		Total		525	100	19,356	100	44,319	100	148,482	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>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	1	0	69	0	253	0	970	0	<b>15.6</b>	14.9	.08	14.5 **	.13	14.9	.07	
		3	1-5 hrs	67	13	3,301	13	9,340	14	32,068	13								
		8	6-10 hrs	115	22	6,231	24	16,633	24	57,147	23								
		13	11-15 hrs	103	20	5,327	21	14,412	21	51,351	21								
		18	16-20 hrs	83	16	4,590	18	12,193	18	45,073	18								
		23	21-25 hrs	63	12	2,596	10	6,939	10	26,849	11								
		28	26-30 hrs	42	8	1,457	6	3,736	5	15,305	6								
		33	More than 30 hrs	47	9	2,016	8	4,735	7	19,694	8								
Total		521	100	25,587	100	68,241	100	248,457	100										
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	233	45	12,751	49	33,868	52	104,907	44	<b>4.4</b>	4.4	.00	4.3	.02	5.0	-08	
		3	1-5 hrs	165	32	6,306	25	16,684	23	67,670	26								
		8	6-10 hrs	48	9	2,718	11	7,117	10	31,972	13								
		13	11-15 hrs	32	6	1,710	7	4,419	6	18,798	7								
		18	16-20 hrs	21	4	1,048	4	2,852	4	11,741	5								
		23	21-25 hrs	8	1	497	2	1,518	2	6,273	2								
		28	26-30 hrs	4	1	194	1	652	1	2,604	1								
33	More than 30 hrs	10	2	324	1	1,030	1	4,070	2										
Total		521	100	25,548	100	68,140	100	248,035	100										

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Working for pay on campus	tmworkonhrs	0	0 hrs	396	76	19,374	75	52,392	78	174,212	72	<b>2.9</b>	3.5 *	-0.08	2.9	.01	3.6 *	-0.10
	(Recorded version of tmworkon created by NSSE.	3	1-5 hrs	21	4	736	3	2,611	3	12,346	4							
	8	6-10 hrs	37	7	1,262	5	4,050	5	20,892	7								
	13	11-15 hrs	22	4	1,488	6	3,475	5	16,246	6								
	18	16-20 hrs	37	7	1,928	8	3,447	5	15,166	6								
	23	21-25 hrs	5	1	382	2	1,038	1	4,606	2								
	28	26-30 hrs	1	0	116	0	388	1	1,700	1								
	33	More than 30 hrs	4	1	227	1	702	1	2,860	1								
	Total				523	100	25,513	100	68,103	100	248,028							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	247	47	9,422	38	23,161	33	101,697	41	<b>11.0</b>	13.0 ***	-0.16	15.7 ***	-0.34	13.0 ***	-0.16
	(Recorded version of tmworkoff created by NSSE.	3	1-5 hrs	20	4	1,106	4	2,865	4	12,236	5							
	8	6-10 hrs	34	7	1,543	6	4,080	5	15,928	6								
	13	11-15 hrs	27	5	1,943	7	4,759	6	17,340	7								
	18	16-20 hrs	47	9	3,135	12	6,723	9	22,873	9								
	23	21-25 hrs	50	10	2,421	9	5,424	8	17,769	7								
	28	26-30 hrs	29	5	1,871	7	4,348	6	13,056	5								
	33	More than 30 hrs	66	13	4,109	16	16,828	28	47,352	21								
	Total				520	100	25,550	100	68,188	100	248,251							
Estimated number of hours working for pay	tmworkhrs										<b>13.9</b>	16.5 ***	-0.20	18.6 ***	-0.34	16.7 ***	-0.20	
(Continuous variable created by NSSE)																		
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	296	59	13,370	53	34,569	51	123,660	51	<b>3.0</b>	3.6 *	-0.10	3.4	-0.07	3.3	-0.06
	(Recorded version of tmservice created by NSSE.	3	1-5 hrs	141	27	6,897	27	21,309	31	82,435	32							
	8	6-10 hrs	36	6	2,525	10	5,798	8	20,643	8								
	13	11-15 hrs	14	2	1,243	5	2,828	4	9,380	4								
	18	16-20 hrs	22	4	735	3	1,658	2	5,541	2								
	23	21-25 hrs	2	0	297	1	729	1	2,568	1								
	28	26-30 hrs	3	1	143	1	358	1	1,154	0								
	33	More than 30 hrs	7	1	316	1	867	1	2,702	1								
	Total				521	100	25,526	100	68,116	100	248,083							

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020								Your seniors compared with							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020		CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmsrelaxhrs	0	0 hrs	19	4	842	3	2,479	4	7,453	3	<b>11.7</b>	11.0 *	.09	10.3 ***	.18	10.9 *	.10	
	(Recorded version of tmsrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	129	23	7,138	27	20,288	30	66,730	27								△
	8	6-10 hrs	134	26	7,056	27	19,004	28	70,213	28	△								
	13	11-15 hrs	104	19	4,620	18	11,726	17	46,232	18									
	18	16-20 hrs	65	13	2,849	12	7,308	11	28,676	12									
	23	21-25 hrs	27	6	1,129	5	2,922	4	11,950	5									
	28	26-30 hrs	15	3	546	2	1,351	2	5,383	2									
	33	More than 30 hrs	29	6	1,365	6	3,050	5	11,411	5									
	Total			522	100	25,545	100	68,128	100	248,048	100								
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	375	73	15,087	60	38,314	54	160,197	63	<b>4.9</b>	5.7	-.08	8.1 ***	-.26	6.3 **	-.12	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	39	8	3,635	14	8,289	12	25,896	10								
	8	6-10 hrs	18	3	1,797	7	4,302	7	12,635	5									
	13	11-15 hrs	8	1	1,124	4	2,907	4	8,391	4									
	18	16-20 hrs	11	2	766	3	2,266	4	6,671	3	▽								
	23	21-25 hrs	9	2	440	2	1,310	2	3,789	2									
	28	26-30 hrs	5	1	273	1	899	1	2,624	1									
	33	More than 30 hrs	54	9	2,362	9	9,729	15	27,535	12									
	Total			519	100	25,484	100	68,016	100	247,738	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	68	12	1,917	8	17,261	28	63,770	25	<b>5.2</b>	6.8 ***	-.23	5.2	.00	5.0	.03	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	309	61	13,041	51	29,855	42	116,354	46								▽
	8	6-10 hrs	90	17	5,924	23	11,572	17	38,415	16									
	13	11-15 hrs	28	5	2,258	9	4,454	6	14,096	6									
	18	16-20 hrs	8	2	947	4	1,880	3	5,936	3									
	23	21-25 hrs	6	1	457	2	943	1	2,942	1									
	28	26-30 hrs	1	0	200	1	433	1	1,427	1									
	33	More than 30 hrs	13	2	786	3	1,745	2	5,202	2									
	Total			523	100	25,530	100	68,143	100	248,142	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020					
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>						
<b>17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																							
	reading	1	Very little	61	13	3,126	13	7,723	11	33,640	14	<b>2.9</b>	2.9	.04	2.9	-.01	2.8 *	△	.10				
		2	Some	143	28	7,062	28	18,486	27	71,183	29												
		3	About half	135	26	7,018	27	19,626	29	67,738	27												
		4	Most	121	23	5,718	22	15,452	23	52,607	21												
		5	Almost all	62	11	2,578	9	6,713	10	22,595	9												
			Total	522	100	25,502	100	68,000	100	247,763	100												
	tmreadinghrs															<b>7.6</b>	7.2	.06	7.3	.05	7.1 *	△	.09
				<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprehrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																			
	tmreadinghrscol	1	0 hrs	1	0	67	0	244	0	951	0												
		2	More than zero, up to 5 hrs	230	45	12,038	48	31,942	47	117,944	49												
		3	More than 5, up to 10 hrs	155	30	7,434	29	19,656	29	71,846	29												
		4	More than 10, up to 15 hrs	52	10	2,644	10	7,316	11	25,938	10												
		5	More than 15, up to 20 hrs	33	6	1,548	6	4,200	6	14,831	6												
		6	More than 20, up to 25 hrs	36	6	1,129	4	2,922	4	10,388	4												
		7	More than 25 hrs	13	2	569	2	1,474	2	4,944	2												
			Total	520	100	25,429	100	67,754	100	246,842	100												
<b>18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																							
a. Writing clearly and effectively	pgwrite	1	Very little	41	8	1,168	5	3,061	5	12,580	6	<b>2.9</b>	3.0 **	-0.15	3.1 ***	-0.18	3.0 **	-0.13					
		2	Some	106	21	5,232	21	13,504	20	51,833	21												
		3	Quite a bit	224	43	10,520	41	26,995	39	97,079	39												
		4	Very much	148	28	8,572	34	24,308	36	85,719	34												
			Total	519	100	25,492	100	67,868	100	247,211	100												

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020								Your seniors compared with									
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020		CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
b. Speaking clearly and effectively	pgspeak	1	Very little	50	10	1,465	6	4,565	7	17,261	8	<b>2.8</b>	3.0 **	-0.15	2.9 **	-0.13	2.9 *	-0.11			
		2	Some	134	26	5,827	23	15,304	23	56,759	23								▽	▽	▽
		3	Quite a bit	176	35	10,110	39	25,516	37	92,868	37										
		4	Very much	156	29	8,076	31	22,470	33	80,312	32										
		Total		516	100	25,478	100	67,855	100	247,200	100										
c. Thinking critically and analytically	pgthink	1	Very little	18	3	548	2	1,461	2	5,135	2	<b>3.3</b>	3.3	-0.05	3.3	-0.06	3.3	-0.07			
		2	Some	74	15	3,195	13	8,464	13	29,850	13										
		3	Quite a bit	185	35	10,003	39	25,810	38	92,768	37										
		4	Very much	242	47	11,735	46	32,151	47	119,554	48										
		Total		519	100	25,481	100	67,886	100	247,307	100										
d. Analyzing numerical and statistical information	pganalyze	1	Very little	57	11	2,190	8	6,323	9	23,799	9	<b>2.9</b>	2.9	.01	2.9	.05	2.9	.03			
		2	Some	118	22	6,105	24	17,429	25	62,369	24										
		3	Quite a bit	159	30	8,985	35	23,114	34	82,287	33										
		4	Very much	183	37	8,209	33	21,021	32	78,788	33										
		Total		517	100	25,489	100	67,887	100	247,243	100										
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	45	9	2,455	10	5,384	8	19,620	9	<b>3.0</b>	2.8 ***	.17	3.0	.04	3.0	.05			
		2	Some	106	20	6,517	26	15,042	22	56,101	23								△		
		3	Quite a bit	169	32	8,843	34	23,518	34	85,042	34										
		4	Very much	198	39	7,664	30	23,930	35	86,503	35										
		Total		518	100	25,479	100	67,874	100	247,266	100										
f. Working effectively with others	pgothers	1	Very little	31	6	1,048	4	3,626	6	11,807	5	<b>3.1</b>	3.1	-0.01	3.0	.05	3.1	.02			
		2	Some	105	21	4,945	20	13,434	21	48,587	20										
		3	Quite a bit	166	31	9,994	39	25,617	37	94,748	38										
		4	Very much	215	41	9,485	37	25,183	36	92,066	37										
		Total		517	100	25,472	100	67,860	100	247,208	100										
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	71	15	2,388	10	6,197	10	23,488	11	<b>2.7</b>	2.9 *	-0.12	2.9 **	-0.15	2.9 **	-0.12			
		2	Some	134	26	6,010	24	15,446	23	57,687	24								▽		
		3	Quite a bit	151	30	9,193	35	23,840	34	85,946	34										
		4	Very much	161	29	7,863	30	22,341	32	79,927	31										
		Total		517	100	25,454	100	67,824	100	247,048	100										

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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 2019 & 2020		CSU, Chico		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	62	13	1,866	8	5,684	9	21,608	9	<b>2.8</b>	3.0 **	-0.14	2.9	-0.08	2.9	-0.05	
		2	Some	122	25	5,586	23	16,013	24	60,794	25								
		3	Quite a bit	150	29	9,000	35	23,143	34	85,014	34								
		4	Very much	181	33	9,005	34	23,010	33	79,756	32								
		Total		515	100	25,457	100	67,850	100	247,172	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	47	9	2,205	9	5,746	9	20,494	9	<b>2.8</b>	2.8	.00	2.9	-0.02	2.9	-0.02	
		2	Some	149	28	6,775	27	17,576	26	64,540	26								
		3	Quite a bit	160	32	9,155	36	24,174	35	88,599	35								
		4	Very much	157	31	7,331	29	20,376	30	73,547	30								
		Total		513	100	25,466	100	67,872	100	247,180	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	79	16	3,023	13	7,701	12	29,367	13	<b>2.6</b>	2.7	-0.09	2.8 **	-0.13	2.7 *	-0.09	
		2	Some	153	30	7,307	29	18,897	28	70,763	29								
		3	Quite a bit	148	29	8,449	33	22,252	32	80,560	32								
		4	Very much	136	25	6,701	26	19,080	28	66,718	27								
		Total		516	100	25,480	100	67,930	100	247,408	100								
<b>19. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	23	5	615	3	1,588	3	5,935	3	<b>3.2</b>	3.2	.03	3.3 *	-0.09	3.2	-0.07	
		2	Fair	60	11	3,598	14	8,072	12	29,226	12								
		3	Good	228	45	12,129	47	29,456	42	107,815	43								
		4	Excellent	209	40	9,203	37	29,072	43	105,308	42								
		Total		520	100	25,545	100	68,188	100	248,284	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	29	6	1,081	5	3,077	5	11,495	5	<b>3.2</b>	3.2	.00	3.3	-0.06	3.2	-0.04	
		2	Probably no	59	11	3,329	13	8,256	12	30,800	12								
		3	Probably yes	209	40	10,621	41	25,824	37	95,368	38								
		4	Definitely yes	224	43	10,592	41	31,226	46	111,331	45								
		Total		521	100	25,623	100	68,383	100	248,994	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## 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>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	CSU, Chico	CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020	CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020	CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:			
														Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	
1 a. askquest	353	2.61	2.64	2.79	2.80	.043	.009	.005	.003	.82	.82	.85	.85	7,805	27,714	110,088	.496	.000	.000	-.04	-.21	-.22	
b. unpreparedr	352	3.02	3.00	3.13	3.07	.043	.009	.005	.002	.81	.77	.77	.77	7,776	27,583	109,603	.655	.009	.190	.02	-.14	-.07	
c. attendart	348	1.63	1.73	1.79	1.85	.042	.010	.005	.003	.78	.85	.90	.92	7,758	359	351	.033	.000	.000	-.12	-.18	-.24	
d. CLaskhelp	347	2.66	2.69	2.50	2.60	.046	.010	.006	.003	.86	.86	.91	.90	7,749	27,467	109,103	.562	.001	.180	-.03	.18	.07	
e. CLexplain	348	2.75	2.72	2.59	2.69	.043	.009	.005	.003	.81	.81	.87	.85	7,727	357	349	.498	.000	.147	.04	.19	.07	
f. CLstudy	344	2.39	2.53	2.42	2.53	.052	.011	.006	.003	.96	.95	.98	.98	7,686	27,204	108,078	.005	.614	.008	-.15	-.03	-.14	
g. CLproject	342	2.71	2.71	2.56	2.64	.047	.010	.006	.003	.88	.83	.92	.89	7,641	350	107,337	.939	.002	.138	.00	.16	.08	
h. present	340	2.48	2.46	2.32	2.27	.050	.011	.006	.003	.92	.90	.93	.91	7,635	26,978	107,142	.700	.002	.000	.02	.17	.23	
2 a. RIintegrate	333	2.59	2.59	2.55	2.57	.046	.010	.005	.003	.85	.83	.85	.85	7,526	26,553	105,380	.963	.393	.701	.00	.05	.02	
b. RISocietal	330	2.53	2.59	2.56	2.56	.046	.010	.005	.003	.84	.87	.88	.88	7,488	26,327	104,445	.194	.588	.477	-.07	-.03	-.04	
c. RIDiverse	321	2.57	2.60	2.54	2.56	.049	.011	.006	.003	.88	.90	.91	.90	7,417	26,056	103,370	.594	.530	.818	-.03	.04	.01	
d. Rlownview	315	2.69	2.77	2.76	2.77	.045	.010	.005	.003	.80	.80	.81	.81	7,333	25,715	102,100	.082	.109	.065	-.10	-.09	-.10	
e. Rlperspect	311	2.94	2.94	2.91	2.92	.042	.009	.005	.002	.74	.78	.79	.79	7,235	319	312	.956	.478	.671	.00	.04	.02	
f. RInewview	308	2.86	2.88	2.85	2.86	.045	.009	.005	.003	.78	.77	.79	.79	7,150	24,897	98,861	.723	.829	.928	-.02	.01	.01	
g. RIconnect	297	2.96	3.01	3.01	3.03	.043	.009	.005	.002	.75	.73	.75	.74	7,065	24,546	97,523	.208	.185	.072	-.07	-.08	-.10	
3 a. SFcareer	298	2.14	2.25	2.31	2.33	.053	.011	.006	.003	.91	.93	.94	.93	7,066	304	298	.037	.001	.000	-.12	-.19	-.20	
b. SFotherwork	295	1.80	1.72	1.78	1.80	.055	.011	.006	.003	.94	.90	.93	.92	7,033	24,401	96,896	.157	.754	.922	.08	.02	-.01	
c. SFdiscuss	288	1.96	1.93	1.99	2.02	.052	.011	.006	.003	.88	.88	.90	.90	6,972	24,147	95,899	.616	.510	.261	.03	-.04	-.07	
d. SFperform	283	1.97	2.08	2.15	2.14	.054	.011	.006	.003	.90	.88	.90	.89	6,964	24,123	95,803	.039	.000	.001	-.13	-.21	-.20	
4 a. memorize	281	2.96	2.94	2.90	2.91	.047	.010	.005	.003	.79	.79	.80	.80	6,911	23,925	95,075	.671	.199	.331	.03	.08	.06	
b. HOapply	275	2.81	2.83	2.87	2.91	.048	.010	.005	.003	.79	.80	.80	.80	6,870	23,781	94,489	.600	.227	.030	-.03	-.07	-.13	
c. HOanalyze	272	2.82	2.86	2.88	2.90	.050	.010	.005	.003	.82	.81	.81	.81	6,811	23,490	93,435	.423	.286	.107	-.05	-.07	-.10	
d. HOevaluate	268	2.84	2.91	2.91	2.89	.048	.010	.005	.003	.79	.79	.80	.81	6,780	23,354	92,857	.160	.144	.239	-.09	-.09	-.07	
e. HOform	263	2.80	2.87	2.89	2.89	.049	.010	.005	.003	.80	.79	.80	.80	6,750	23,253	92,386	.171	.083	.086	-.09	-.11	-.11	
5 a. ETgoals	260	2.98	3.03	3.06	3.06	.049	.010	.005	.003	.80	.77	.79	.78	6,692	23,049	91,644	.313	.098	.102	-.06	-.10	-.10	
b. ETorganize	260	2.89	2.93	2.97	2.99	.051	.010	.006	.003	.82	.83	.84	.82	6,664	22,964	91,342	.453	.136	.062	-.05	-.09	-.12	
c. ETexample	257	2.96	2.99	3.00	3.02	.050	.010	.006	.003	.81	.82	.84	.82	6,655	22,916	91,135	.680	.494	.299	-.03	-.04	-.06	
d. ETdraftfb	256	2.73	2.84	2.86	2.81	.056	.011	.006	.003	.90	.88	.90	.91	6,639	22,864	90,971	.048	.026	.143	-.13	-.14	-.09	
e. ETfeedback	254	2.64	2.70	2.78	2.73	.055	.011	.006	.003	.88	.90	.90	.90	6,623	22,794	90,668	.314	.020	.125	-.06	-.15	-.10	
6 a. QRconclude	246	2.59	2.55	2.56	2.58	.055	.011	.006	.003	.86	.85	.87	.87	6,548	22,474	89,470	.549	.636	.904	.04	.03	.01	
b. QRproblem	242	2.45	2.35	2.33	2.33	.058	.011	.006	.003	.91	.90	.91	.92	6,511	22,318	88,914	.070	.038	.034	.12	.13	.14	
c. QRevaluate	237	2.37	2.34	2.30	2.33	.058	.011	.006	.003	.89	.87	.89	.89	6,487	22,237	88,559	.500	.202	.392	.04	.08	.06	

# NSSE 2020 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 2019 & 2020	CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020	CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:			
														Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	
7 a. wrshortnum	232	5.44	6.57	6.37	6.49	.354	.071	.038	.019	5.40	5.57	5.60	5.69	6,470	22,159	233	.003	.012	.004	-.20	-.17	-.18	
b. wrmednum	234	1.83	2.66	2.36	2.32	.176	.047	.023	.011	2.69	3.71	3.44	3.40	268	242	235	.000	.003	.007	-.22	-.15	-.14	
c. wrlongnum	234	.75	1.18	1.03	1.00	.122	.042	.021	.010	1.87	3.32	3.03	2.95	292	247	237	.001	.027	.046	-.13	-.09	-.08	
— wrpages	232	41.58	58.00	52.90	52.49	3.329	1.037	.511	.250	50.75	81.51	75.27	73.78	278	242	234	.000	.001	.001	-.20	-.15	-.15	
8 a. DDrace	233	3.17	3.08	2.98	3.04	.053	.011	.006	.003	.81	.88	.93	.91	6,446	22,066	87,973	.133	.002	.034	.10	.20	.14	
b. DDeconomic	230	3.12	2.99	2.96	3.02	.054	.011	.006	.003	.82	.88	.91	.88	6,429	21,986	87,728	.032	.009	.119	.14	.17	.10	
c. DDreligion	232	2.98	2.87	2.87	2.94	.061	.012	.006	.003	.92	.94	.95	.94	6,428	21,990	87,734	.106	.100	.521	.11	.11	.04	
d. DDpolitical	232	2.93	2.72	2.84	2.89	.060	.012	.006	.003	.91	.96	.95	.94	251	22,004	87,772	.001	.123	.475	.22	.10	.05	
9 a. LSreading	232	2.98	2.96	3.00	3.00	.048	.010	.005	.003	.73	.76	.77	.77	6,392	21,834	87,140	.562	.784	.790	.04	-.02	-.02	
b. LSnotes	229	2.82	2.85	2.93	2.91	.058	.011	.006	.003	.87	.88	.87	.88	6,381	21,795	87,025	.602	.052	.121	-.04	-.13	-.10	
c. LSsummary	231	2.72	2.74	2.85	2.83	.059	.011	.006	.003	.89	.87	.87	.87	6,385	21,795	87,034	.743	.027	.055	-.02	-.15	-.13	
10. challenge	229	5.15	5.30	5.41	5.42	.087	.015	.009	.004	1.32	1.21	1.25	1.24	6,346	21,646	86,474	.081	.002	.001	-.12	-.21	-.22	
11 a. intern <sup>l</sup>	227	.070	.061	.066	.073	.0169	.0031	.0017	.0009	--	--	--	--	--	--	--	.607	.848	.832	.03	.01	-.01	
b. leader <sup>l</sup>	225	.074	.077	.087	.103	.0175	.0034	.0019	.0010	--	--	--	--	--	--	--	.842	.476	.155	-.01	-.05	-.10	
c. learncom <sup>l</sup>	224	.089	.113	.105	.127	.0191	.0041	.0021	.0011	--	--	--	--	--	--	--	.276	.449	.092	-.08	-.05	-.12	
d. abroad <sup>l</sup>	223	.048	.024	.024	.028	.0144	.0020	.0010	.0006	--	--	--	--	--	--	--	.020	.017	.066	.13	.13	.11	
e. research <sup>l</sup>	222	.035	.040	.041	.047	.0123	.0025	.0014	.0007	--	--	--	--	--	--	--	.699	.608	.394	-.03	-.04	-.06	
f. capstone <sup>l</sup>	224	.042	.020	.019	.020	.0135	.0018	.0009	.0005	--	--	--	--	--	--	--	.025	.014	.018	.13	.13	.13	
12. servcourse	222	1.77	1.66	1.67	1.64	.051	.009	.005	.002	.76	.71	.72	.71	6,260	21,294	85,189	.025	.036	.005	.15	.14	.19	
13 a. QIstudent	219	5.18	5.37	5.41	5.45	.097	.017	.010	.005	1.43	1.35	1.40	1.36	6,203	20,574	83,708	.041	.016	.003	-.14	-.16	-.20	
b. QIadvisor	205	5.12	5.27	5.36	5.38	.115	.021	.011	.005	1.64	1.58	1.62	1.58	6,007	20,643	83,132	.186	.033	.018	-.09	-.15	-.17	
c. QIfaculty	217	5.23	5.19	5.41	5.41	.102	.019	.010	.005	1.50	1.43	1.41	1.37	6,110	20,876	83,867	.659	.065	.052	.03	-.13	-.13	
d. QIstaff	204	5.11	5.02	5.19	5.19	.115	.023	.012	.006	1.64	1.64	1.63	1.58	5,510	18,463	76,054	.405	.530	.484	.06	-.04	-.05	
e. QIadmin	204	5.08	5.02	5.19	5.16	.114	.022	.012	.006	1.62	1.61	1.61	1.59	5,709	19,702	78,461	.597	.347	.520	.04	-.07	-.05	
14 a. empstudy	219	3.03	3.05	3.05	3.08	.049	.010	.005	.003	.72	.75	.76	.75	6,211	21,107	219	.720	.615	.247	-.02	-.03	-.08	
b. SEacademic	214	2.94	3.00	3.04	3.04	.055	.011	.006	.003	.81	.81	.84	.83	6,195	21,053	84,286	.304	.090	.075	-.07	-.12	-.12	
c. SElearnsup	215	3.03	3.06	3.10	3.10	.060	.011	.006	.003	.88	.89	.89	.88	6,186	218	84,238	.594	.237	.248	-.04	-.08	-.08	
d. SEdiverse	216	2.72	2.77	2.76	2.77	.065	.012	.007	.003	.96	.94	.96	.95	6,184	21,001	84,112	.399	.556	.475	-.06	-.04	-.05	
e. SEsocial	212	3.00	2.88	2.92	2.96	.057	.011	.006	.003	.83	.89	.91	.88	228	216	212	.041	.158	.486	.14	.09	.05	
f. SEwellness	212	2.85	2.92	2.90	2.92	.062	.012	.006	.003	.90	.90	.92	.90	6,161	20,909	83,779	.228	.388	.259	-.08	-.06	-.08	



# NSSE 2020 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 2019 & 2020	CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020	CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:			
														Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	
g. SEnonacad	212	2.32	2.37	2.39	2.35	.068	.013	.007	.003	1.00	.97	.99	.97	6,168	20,895	83,763	.438	.314	.679	-.05	-.07	-.03	
h. SEactivities	210	2.49	2.67	2.69	2.79	.068	.012	.007	.003	.98	.96	.99	.94	6,151	20,865	83,632	.008	.003	.000	-.19	-.21	-.32	
i. SEevents	207	2.39	2.42	2.44	2.47	.064	.012	.007	.003	.92	.96	.98	.96	6,159	211	83,639	.682	.405	.246	-.03	-.05	-.08	
15 a. SBmyself	207	3.14	3.19	3.25	3.26	.047	.011	.006	.003	.67	.67	.69	.69	3,792	214	208	.312	.017	.011	-.07	-.17	-.17	
b. SBvalued	207	2.87	2.96	3.03	3.01	.048	.011	.007	.003	.69	.69	.73	.74	3,789	12,092	47,165	.054	.001	.007	-.14	-.23	-.19	
c. SBcommunity	207	2.86	2.93	3.01	3.02	.050	.012	.007	.004	.72	.74	.77	.77	3,793	12,110	47,224	.194	.005	.003	-.09	-.20	-.21	
16 a. tmprephrs	205	13.59	13.59	13.59	14.41	.533	.103	.056	.028	7.63	7.93	7.98	8.15	6,135	20,802	205	.991	.997	.127	.00	.00	-.10	
b. tmcocurrhrs	206	4.59	4.43	5.03	5.61	.434	.084	.049	.024	6.22	6.48	6.99	7.05	6,120	20,743	83,056	.732	.371	.038	.02	-.06	-.14	
c. tmworkonhrs	203	1.58	1.99	2.15	2.42	.343	.071	.039	.020	4.88	5.46	5.61	5.77	6,127	207	203	.295	.101	.015	-.07	-.10	-.15	
d. tmworkoffhrs	201	4.08	5.60	7.83	5.92	.595	.122	.080	.035	8.43	9.35	11.43	10.12	217	207	201	.013	.000	.002	-.16	-.33	-.18	
— tmworkhrs	200	5.56	7.56	9.94	8.31	.715	.146	.088	.041	10.11	11.20	12.66	11.69	215	205	200	.007	.000	.000	-.18	-.35	-.24	
e. tmservicehrs	203	2.18	2.38	2.57	2.52	.314	.064	.035	.017	4.48	4.95	5.06	4.90	6,126	20,754	83,133	.570	.272	.332	-.04	-.08	-.07	
f. tmrelaxhrs	204	13.46	12.61	12.08	12.55	.646	.115	.061	.030	9.21	8.87	8.68	8.61	6,127	20,764	83,124	.177	.023	.131	.10	.16	.11	
g. tmcarehrs	201	1.97	3.07	4.21	3.07	.398	.087	.061	.026	5.66	6.67	8.78	7.55	220	210	202	.008	.000	.006	-.17	-.26	-.15	
h. tmcommutehrs	202	4.83	5.78	4.50	4.10	.414	.092	.047	.022	5.88	7.08	6.68	6.34	222	20,761	83,151	.027	.482	.099	-.13	.05	.12	
17. reading	201	2.79	2.77	2.81	2.71	.066	.014	.008	.004	.94	1.08	1.08	1.09	218	205	201	.761	.848	.233	.02	-.01	.07	
— tmreadinghrs	200	6.39	6.23	6.47	6.46	.385	.071	.040	.020	5.44	5.48	5.75	5.70	6,088	20,640	82,632	.687	.856	.863	.03	-.01	-.01	
18 a. pgwrite	200	2.66	2.83	2.87	2.80	.056	.011	.006	.003	.79	.83	.84	.87	6,080	20,604	82,602	.005	.001	.025	-.20	-.25	-.16	
b. pgspeak	201	2.74	2.81	2.77	2.68	.055	.011	.006	.003	.78	.88	.90	.92	6,084	205	201	.295	.564	.318	-.08	-.04	.06	
c. pgthink	201	3.01	3.05	3.08	3.08	.056	.010	.006	.003	.80	.79	.80	.80	6,080	20,614	82,606	.443	.215	.242	-.06	-.09	-.08	
d. pganalyze	199	2.61	2.70	2.67	2.68	.061	.012	.007	.003	.86	.91	.94	.94	6,080	20,613	199	.153	.329	.265	-.10	-.07	-.07	
e. pgwork	199	2.39	2.47	2.63	2.63	.065	.012	.007	.003	.92	.95	.95	.95	6,073	20,601	82,604	.250	.000	.000	-.08	-.25	-.25	
f. pgothers	201	2.83	2.85	2.86	2.86	.058	.011	.006	.003	.82	.86	.88	.88	6,078	204	82,553	.693	.553	.638	-.03	-.04	-.03	
g. pgvalues	198	2.58	2.67	2.74	2.72	.066	.012	.007	.003	.93	.93	.94	.94	6,076	20,599	82,551	.151	.017	.031	-.10	-.17	-.15	
h. pgdiverse	200	2.78	2.86	2.83	2.81	.066	.012	.006	.003	.93	.91	.93	.93	6,082	20,603	82,563	.217	.394	.603	-.09	-.06	-.04	
i. pgprobsolve	201	2.63	2.61	2.67	2.66	.063	.012	.007	.003	.90	.93	.93	.93	6,075	20,618	82,590	.818	.537	.581	.02	-.04	-.04	
j. pgcitizen	201	2.53	2.64	2.68	2.66	.063	.012	.007	.003	.90	.93	.94	.94	6,092	20,641	82,679	.104	.024	.050	-.12	-.16	-.14	
19. evalexp	203	3.04	3.07	3.16	3.18	.054	.009	.005	.003	.77	.72	.74	.74	6,109	20,736	83,107	.581	.024	.008	-.04	-.16	-.19	
20. sameinst	207	3.03	3.14	3.20	3.21	.056	.010	.006	.003	.81	.78	.81	.80	6,138	211	207	.036	.002	.001	-.15	-.21	-.23	
21. returnexp <sup>1</sup>	207	.871	.901	.869	.879	.0234	.0039	.0023	.0011	--	--	--	--	--	--	--	.148	.956	.719	-.10	.00	-.02	

# NSSE 2020 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 2019 & 2020	CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020	CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:			
														Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	
1 a. askquest	726	3.03	2.93	3.05	3.05	.033	.007	.004	.002	.90	.88	.89	.88	14,839	44,375	168,627	.005	.400	.369	.11	-.03	-.03	
b. unpreparedr	722	2.97	2.91	3.10	3.02	.028	.007	.004	.002	.74	.81	.81	.82	812	750	729	.020	.000	.113	.08	-.15	-.05	
c. attendart	720	1.60	1.69	1.68	1.75	.029	.007	.004	.002	.77	.84	.87	.89	809	749	727	.001	.003	.000	-.11	-.10	-.17	
d. CLaskhelp	720	2.57	2.57	2.32	2.43	.034	.008	.004	.002	.91	.89	.93	.93	14,755	44,060	167,401	.840	.000	.000	.01	.27	.16	
e. CLexplain	720	2.93	2.80	2.60	2.70	.031	.007	.004	.002	.83	.83	.93	.90	793	749	726	.000	.000	.000	.16	.36	.26	
f. CLstudy	713	2.56	2.59	2.36	2.46	.037	.008	.005	.003	1.00	.97	1.02	1.02	14,683	43,796	166,301	.471	.000	.009	-.03	.20	.10	
g. CLproject	703	3.04	3.00	2.68	2.81	.033	.007	.005	.002	.87	.85	1.00	.95	771	733	709	.290	.000	.000	.04	.36	.24	
h. present	707	2.85	2.84	2.64	2.67	.036	.008	.005	.002	.96	.93	1.01	.98	14,630	732	713	.798	.000	.000	.01	.21	.19	
2 a. RIintegrate	698	3.01	2.98	2.89	2.91	.031	.007	.004	.002	.82	.82	.86	.85	14,528	722	703	.441	.000	.002	.03	.14	.11	
b. RISocietal	696	2.83	2.83	2.80	2.78	.035	.008	.004	.002	.93	.90	.90	.91	14,482	42,966	163,040	.899	.408	.156	.00	.03	.05	
c. RIDiverse	688	2.62	2.66	2.63	2.62	.038	.008	.005	.002	1.00	.96	.96	.96	752	708	693	.313	.843	.847	-.04	-.01	.01	
d. Rlownview	679	2.83	2.84	2.85	2.85	.033	.007	.004	.002	.86	.83	.83	.83	14,327	698	683	.704	.517	.584	-.01	-.03	-.02	
e. Rlperspect	667	3.04	3.01	2.99	2.98	.032	.007	.004	.002	.82	.79	.80	.80	729	41,883	158,849	.391	.090	.084	.04	.07	.07	
f. RInewview	657	2.99	3.00	2.97	2.97	.031	.007	.004	.002	.81	.78	.79	.79	14,066	41,455	157,115	.628	.597	.561	-.02	.02	.02	
g. RIconnect	646	3.23	3.20	3.20	3.19	.028	.006	.004	.002	.71	.72	.72	.73	13,962	41,069	155,691	.318	.342	.201	.04	.04	.05	
3 a. SFcareer	646	2.52	2.40	2.45	2.45	.038	.008	.005	.003	.96	.97	1.00	.99	13,951	41,074	155,642	.004	.122	.105	.12	.06	.06	
b. SFotherwork	645	1.92	1.93	1.91	1.96	.040	.009	.005	.003	1.00	1.02	1.02	1.02	13,920	40,927	155,026	.843	.796	.289	-.01	.01	-.04	
c. SFdiscuss	632	2.17	2.13	2.13	2.16	.037	.008	.005	.002	.93	.94	.97	.96	13,823	40,601	153,875	.257	.283	.672	.05	.04	.02	
d. SFperform	636	2.25	2.19	2.28	2.22	.036	.008	.005	.002	.91	.91	.94	.93	13,842	657	153,877	.144	.360	.453	.06	-.04	.03	
4 a. memorize	630	2.73	2.85	2.75	2.76	.036	.008	.004	.002	.91	.86	.88	.88	684	40,374	152,936	.001	.587	.507	-.14	-.02	-.03	
b. HOapply	627	3.11	3.05	3.06	3.07	.033	.007	.004	.002	.82	.80	.79	.79	13,717	644	631	.085	.183	.203	.07	.06	.05	
c. HOanalyze	618	3.08	3.04	3.04	3.03	.033	.007	.004	.002	.81	.81	.81	.81	13,596	39,849	151,000	.222	.159	.113	.05	.06	.06	
d. HOevaluate	612	2.95	2.97	2.99	2.94	.035	.007	.004	.002	.87	.84	.83	.85	13,540	629	150,298	.620	.349	.762	-.02	-.04	.01	
e. HOform	608	3.01	2.97	2.99	2.96	.033	.007	.004	.002	.81	.82	.81	.82	13,493	39,514	149,726	.320	.585	.202	.04	.02	.05	
5 a. ETgoals	605	3.15	3.15	3.17	3.15	.031	.007	.004	.002	.77	.78	.79	.78	13,435	39,285	148,789	.932	.584	.985	.00	-.02	.00	
b. ETorganize	598	3.13	3.01	3.07	3.06	.033	.007	.004	.002	.82	.83	.85	.83	13,391	39,171	148,407	.001	.093	.066	.14	.07	.08	
c. ETexample	597	3.19	3.10	3.10	3.10	.033	.007	.004	.002	.81	.82	.84	.83	13,373	39,131	148,205	.009	.007	.005	.11	.11	.11	
d. ETdraftfb	594	2.81	2.79	2.84	2.79	.039	.008	.005	.003	.96	.93	.95	.96	13,350	39,062	147,933	.662	.381	.647	.02	-.04	.02	
e. ETfeedback	594	2.76	2.77	2.88	2.83	.039	.008	.005	.002	.94	.91	.91	.91	13,326	610	597	.791	.002	.071	-.01	-.13	-.08	
6 a. QRconclude	585	2.68	2.64	2.63	2.65	.039	.008	.005	.002	.95	.90	.90	.91	13,190	38,566	145,956	.255	.178	.436	.05	.06	.03	
b. QRproblem	576	2.51	2.46	2.45	2.44	.040	.008	.005	.003	.97	.95	.95	.96	13,158	38,404	145,306	.211	.151	.108	.05	.06	.07	
c. QRevaluate	576	2.49	2.47	2.42	2.44	.040	.008	.005	.002	.95	.92	.92	.92	13,116	38,288	144,868	.661	.055	.202	.02	.08	.05	

# NSSE 2020 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 2019 & 2020	CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020	CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:			
														Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	
7 a. wrshortnum	571	7.95	7.99	7.77	7.69	.283	.060	.034	.018	6.76	6.67	6.62	6.69	13,076	38,134	144,337	.871	.512	.359	-.01	.03	.04	
b. wrmednum	568	3.68	4.14	3.97	3.67	.206	.043	.024	.012	4.91	4.81	4.70	4.58	13,040	38,020	143,840	.028	.152	.941	-.09	-.06	.00	
c. wrlongnum	566	1.99	2.41	2.17	2.02	.169	.039	.021	.010	4.02	4.33	4.01	3.88	626	38,090	144,157	.015	.271	.820	-.10	-.05	-.01	
— wrpages	562	82.42	92.84	87.19	82.34	4.415	.967	.528	.262	104.67	107.63	101.87	98.90	12,956	37,747	142,990	.025	.271	.984	-.10	-.05	.00	
8 a. DDrace	568	3.24	3.20	3.04	3.08	.037	.008	.005	.002	.89	.88	.94	.92	13,071	38,075	144,035	.184	.000	.000	.06	.21	.18	
b. DDeconomic	568	3.19	3.10	3.01	3.06	.036	.008	.005	.002	.86	.88	.91	.88	13,031	37,951	143,667	.014	.000	.000	.11	.20	.15	
c. DDreligion	569	3.02	2.99	2.92	2.97	.039	.008	.005	.002	.93	.93	.95	.94	13,039	586	143,688	.528	.018	.246	.03	.10	.05	
d. DDpolitical	568	2.98	2.82	2.87	2.92	.039	.009	.005	.002	.94	.96	.95	.94	13,046	37,988	143,769	.000	.005	.115	.17	.12	.07	
9 a. LSreading	560	3.05	3.07	3.12	3.09	.035	.007	.004	.002	.82	.79	.78	.80	12,988	37,822	143,062	.629	.045	.260	-.02	-.09	-.05	
b. LSnotes	557	2.79	2.84	2.90	2.85	.040	.008	.005	.002	.95	.92	.92	.93	12,962	572	142,919	.245	.007	.133	-.05	-.12	-.06	
c. LSsummary	560	2.76	2.79	2.89	2.85	.040	.008	.005	.002	.94	.90	.89	.90	12,964	574	563	.525	.002	.028	-.03	-.14	-.10	
10. challenge	556	5.53	5.54	5.63	5.56	.058	.012	.007	.003	1.36	1.29	1.30	1.30	12,898	37,530	142,065	.882	.076	.631	-.01	-.08	-.02	
11 a. intern <sup>l</sup>	555	.480	.425	.429	.481	.0212	.0045	.0026	.0013	--	--	--	--	--	--	--	.011	.017	.945	.11	.10	.00	
b. leader <sup>l</sup>	553	.291	.271	.272	.343	.0193	.0040	.0023	.0013	--	--	--	--	--	--	--	.311	.337	.010	.04	.04	-.11	
c. learncom <sup>l</sup>	548	.216	.201	.198	.224	.0176	.0036	.0021	.0011	--	--	--	--	--	--	--	.400	.303	.644	.04	.04	-.02	
d. abroad <sup>l</sup>	547	.082	.096	.093	.140	.0117	.0027	.0015	.0009	--	--	--	--	--	--	--	.287	.398	.000	-.05	-.04	-.18	
e. research <sup>l</sup>	545	.144	.196	.189	.228	.0151	.0036	.0020	.0011	--	--	--	--	--	--	--	.003	.008	.000	-.14	-.12	-.22	
f. capstone <sup>l</sup>	548	.494	.420	.427	.444	.0214	.0045	.0026	.0013	--	--	--	--	--	--	--	.001	.002	.020	.15	.13	.10	
12. servcourse	542	1.80	1.82	1.79	1.75	.031	.007	.004	.002	.73	.73	.74	.72	12,746	37,117	140,646	.640	.819	.113	-.02	.01	.07	
13 a. QIstudent	533	5.57	5.60	5.61	5.60	.060	.012	.007	.004	1.37	1.32	1.36	1.33	12,634	35,347	136,819	.605	.512	.612	-.02	-.03	-.02	
b. QIadvisor	522	5.50	5.18	5.37	5.29	.072	.016	.009	.005	1.64	1.71	1.72	1.74	12,439	36,319	525	.000	.088	.004	.19	.08	.12	
c. QIfaculty	537	5.59	5.43	5.61	5.54	.062	.013	.007	.004	1.45	1.41	1.40	1.38	12,610	36,581	139,040	.009	.768	.395	.11	-.01	.04	
d. QIstaff	432	5.14	4.97	5.10	5.02	.082	.017	.010	.005	1.70	1.71	1.73	1.70	10,356	29,187	114,407	.046	.688	.143	.10	.02	.07	
e. QIadmin	495	5.22	4.98	5.14	5.02	.074	.016	.009	.005	1.64	1.67	1.69	1.70	11,858	34,464	130,640	.001	.281	.007	.15	.05	.12	
14 a. empstudy	531	3.11	3.11	3.09	3.11	.034	.007	.004	.002	.78	.78	.77	.77	12,668	36,906	139,962	.977	.658	.868	.00	.02	-.01	
b. SEacademic	531	2.93	2.91	2.96	2.93	.038	.008	.005	.002	.87	.86	.88	.86	12,649	36,818	139,681	.576	.342	.903	.02	-.04	-.01	
c. SElearnsup	531	2.85	2.83	2.89	2.86	.042	.009	.005	.003	.97	.95	.95	.94	12,642	36,778	139,544	.514	.385	.900	.03	-.04	-.01	
d. SEdiverse	526	2.67	2.70	2.64	2.63	.045	.009	.005	.003	1.03	.99	1.01	1.00	12,612	36,700	139,291	.504	.551	.350	-.03	.03	.04	
e. SEsocial	525	2.81	2.79	2.75	2.81	.042	.008	.005	.003	.97	.92	.95	.93	12,602	36,655	139,159	.690	.185	.938	.02	.06	.00	
f. SEwellness	527	2.75	2.79	2.71	2.72	.044	.009	.005	.003	1.01	.95	.98	.97	567	36,618	138,983	.340	.381	.513	-.04	.04	.03	

# NSSE 2020 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 2019 & 2020	CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020	CSU, Chico	Far West Public	Carnegie Class	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:			
														Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	
g. SEnonacad	525	2.06	2.14	2.16	2.11	.042	.009	.005	.003	.95	.99	1.01	.99	574	541	138,836	.071	.018	.305	-.08	-.10	-.04	
h. SEactivities	525	2.31	2.49	2.39	2.54	.042	.009	.005	.003	.96	.98	1.03	1.00	12,567	542	528	.000	.055	.000	-.19	-.08	-.23	
i. SEevents	517	2.23	2.32	2.27	2.30	.041	.009	.005	.003	.94	.96	.99	.97	563	533	520	.026	.363	.079	-.10	-.04	-.08	
15 a. SBmyself	524	3.23	3.29	3.35	3.32	.035	.008	.005	.003	.81	.70	.70	.71	577	542	529	.057	.001	.007	-.10	-.17	-.13	
b. SBvalued	522	2.87	2.92	3.01	2.93	.038	.009	.005	.003	.87	.79	.82	.85	578	542	81,357	.271	.000	.109	-.05	-.17	-.07	
c. SBcommunity	521	2.88	2.92	2.98	2.96	.038	.009	.005	.003	.87	.79	.82	.83	577	542	526	.370	.011	.028	-.04	-.12	-.10	
16 a. tmprephrs	518	15.57	14.88	14.46	14.95	.396	.079	.045	.024	9.01	8.70	8.53	8.76	12,540	530	138,363	.080	.005	.106	.08	.13	.07	
b. tmcocurrhrs	518	4.40	4.40	4.25	4.96	.306	.062	.037	.019	6.97	6.80	6.95	7.18	12,520	36,388	522	.983	.620	.070	.00	.02	-.08	
c. tmworkonhrs	520	2.93	3.49	2.90	3.64	.273	.064	.035	.019	6.23	7.02	6.62	7.13	578	36,366	524	.049	.904	.010	-.08	.01	-.10	
d. tmworkoffhrs	517	10.95	12.99	15.67	13.04	.550	.116	.073	.036	12.52	12.73	13.74	13.39	12,525	534	521	.000	.000	.000	-.16	-.34	-.16	
— tmworkhrs	517	13.90	16.46	18.56	16.66	.567	.119	.072	.036	12.90	13.01	13.70	13.47	12,466	533	137,668	.000	.000	.000	-.20	-.34	-.20	
e. tmservicehrs	518	2.95	3.56	3.39	3.27	.255	.056	.031	.015	5.81	6.13	5.96	5.72	568	36,364	138,139	.021	.099	.201	-.10	-.07	-.06	
f. tmrelaxhrs	519	11.74	10.97	10.31	10.93	.376	.077	.043	.022	8.58	8.39	8.14	8.22	12,520	36,372	138,126	.039	.000	.024	.09	.18	.10	
g. tmcarehrs	516	4.93	5.72	8.08	6.27	.460	.094	.065	.030	10.46	10.24	12.22	11.19	12,487	536	520	.084	.000	.004	-.08	-.26	-.12	
h. tmcommutehrs	520	5.21	6.78	5.24	5.01	.264	.063	.036	.017	6.01	6.88	6.79	6.42	580	538	524	.000	.903	.451	-.23	.00	.03	
17. reading	519	2.92	2.87	2.93	2.81	.053	.011	.006	.003	1.21	1.18	1.15	1.18	12,498	532	137,955	.342	.848	.029	.04	-.01	.10	
— tmreadinghrs	517	7.64	7.24	7.32	7.06	.294	.059	.034	.017	6.68	6.41	6.43	6.31	12,459	36,159	519	.159	.260	.048	.06	.05	.09	
18 a. pgwrite	515	2.90	3.03	3.06	3.01	.039	.008	.005	.002	.90	.86	.87	.88	12,493	36,225	137,628	.001	.000	.005	-.15	-.18	-.13	
b. pgspeak	513	2.83	2.96	2.95	2.93	.042	.008	.005	.003	.96	.89	.92	.93	550	526	516	.002	.005	.014	-.15	-.13	-.11	
c. pgthink	516	3.25	3.29	3.29	3.31	.037	.007	.004	.002	.83	.77	.78	.78	554	528	519	.341	.235	.125	-.05	-.06	-.07	
d. pganalyze	513	2.93	2.93	2.89	2.90	.044	.009	.005	.003	1.01	.95	.96	.97	552	36,233	137,630	.895	.256	.466	.01	.05	.03	
e. pgwork	515	3.00	2.84	2.97	2.95	.043	.009	.005	.003	.98	.96	.95	.96	12,487	36,236	137,643	.000	.408	.233	.17	.04	.05	
f. pgothers	514	3.07	3.08	3.03	3.05	.041	.008	.005	.002	.93	.86	.90	.88	551	527	516	.873	.293	.659	-.01	.05	.02	
g. pgvalues	514	2.74	2.86	2.89	2.86	.046	.009	.005	.003	1.04	.97	.97	.98	552	526	517	.012	.001	.008	-.12	-.15	-.12	
h. pgdiverse	511	2.83	2.96	2.90	2.88	.046	.009	.005	.003	1.04	.94	.97	.97	547	523	513	.005	.099	.255	-.14	-.08	-.05	
i. pgprobsolve	509	2.84	2.84	2.86	2.86	.043	.009	.005	.003	.97	.94	.95	.95	12,477	36,232	137,602	.963	.584	.588	.00	-.02	-.02	
j. pgcitizen	514	2.63	2.72	2.76	2.73	.045	.009	.005	.003	1.03	.99	.99	.99	554	526	516	.054	.005	.043	-.09	-.13	-.09	
19. evalexp	518	3.19	3.17	3.26	3.24	.036	.007	.004	.002	.81	.77	.77	.77	12,525	36,422	138,297	.535	.045	.120	.03	-.09	-.07	
20. sameinst	519	3.20	3.20	3.25	3.23	.038	.008	.004	.002	.86	.83	.84	.85	12,566	36,526	138,728	.957	.145	.419	.00	-.06	-.04	

### 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."