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# NSSE 2016

## Frequencies and Statistical Comparisons

### California State University-Chico

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**Please note:** The layout of this file is optimized for printing and PDF creation, not on-screen viewing. When the Excel version is viewed on screen, some cells appear to contain truncated text or misplaced line breaks. This is due to differences in Excel between on-screen display and what appears in print or PDF.

# NSSE 2016 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](http://nsse.indiana.edu)) or contact a member of the NSSE team.

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

**Note:** Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: [nsse.indiana.edu/html/weighting.cfm](http://nsse.indiana.edu/html/weighting.cfm)

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



### NSSE 2016 Frequencies and Statistical Comparisons

NSSEville State University

		Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>									
		NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State	GLC Peers	Carnegie Peers	NSSE 2015 & 2016						
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>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	3	0	244	2	54	2	6,952	3	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
		2	Sometimes	112	20	4,397	27	845	29	75,222	33								
		3	Often	212	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	19	1	57,348	29								
		4	Very often	113	19	3,072	20	6	1	47,208	21								
			Total	626	100	14,948	93	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								

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

8. **Key to symbols:**

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

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

# NSSE 2016 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 2015 & 2016				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>					
<b>1. During the current school year, about how often have you done the following?</b>																												
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	18	4	485	4	1,508	3	6,436	3	<b>2.7</b>	2.7	-0.3	2.9 ***	-0.25	2.9 ***	-0.21										
		2	Sometimes	166	44	4,269	40	18,420	32	71,981	34																	
		3	Often	106	29	3,650	35	20,652	36	76,171	35																	
		4	Very often	83	23	2,257	21	16,251	29	59,537	28																	
		Total		373	100	10,661	100	56,831	100	214,125	100																	
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	77	22	1,308	13	8,136	14	33,257	16	<b>2.3</b>	2.6 ***	-0.35	2.6 ***	-0.32	2.5 ***	-0.26										
		2	Sometimes	149	41	3,557	34	19,303	34	73,560	34																	
		3	Often	100	26	3,386	32	16,981	30	62,934	30																	
		4	Very often	43	12	2,335	21	11,996	22	42,636	20																	
		Total		369	100	10,586	100	56,416	100	212,387	100																	
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	19	5	630	6	2,809	5	11,298	6	<b>2.9</b>	2.9	-0.04	3.1 ***	-0.21	3.0 **	-0.15										
		2	Often	57	17	1,611	15	6,232	11	26,421	13																	
		3	Sometimes	223	59	5,947	57	30,940	54	118,428	55																	
		4	Never	72	19	2,361	22	16,109	29	55,156	26																	
		Total		371	100	10,549	100	56,090	100	211,303	100																	
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	158	44	4,507	43	20,312	39	73,296	38	<b>1.7</b>	1.8 *	-0.10	1.9 ***	-0.21	2.0 ***	-0.23										
		2	Sometimes	151	42	3,892	37	21,350	38	81,749	38																	
		3	Often	39	11	1,433	14	8,967	15	35,390	16																	
		4	Very often	13	3	649	6	5,219	9	19,927	9																	
		Total		361	100	10,481	100	55,848	100	210,362	100																	
e. Asked another student to help you understand course material	CLaskhelp	1	Never	24	7	699	7	5,494	13	17,585	10	<b>2.6</b>	2.7	-0.08	2.5	.08	2.6	.00										
		2	Sometimes	149	41	3,998	38	21,754	39	79,517	39																	
		3	Often	138	39	3,763	36	19,076	32	73,477	33																	
		4	Very often	52	13	1,976	18	9,364	16	39,216	18																	
		Total		363	100	10,436	100	55,688	100	209,795	100																	
f. Explained course material to one or more students	CLexplain	1	Never	14	4	365	4	3,177	7	9,641	6	<b>2.7</b>	2.7	.02	2.6 *	.12	2.7	.03										
		2	Sometimes	130	36	4,015	39	20,906	39	76,029	37																	
		3	Often	153	43	4,133	40	21,534	37	82,612	38																	
		4	Very often	63	17	1,890	18	9,801	17	40,568	19																	
		Total		360	100	10,403	100	55,418	100	208,850	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 2016 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 2015 & 2016								Your first-year students compared with							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	52	15	1,391	14	8,587	18	28,451	16	2.5	2.5	-.02	2.5	.08	2.5	-.01	
		2	Sometimes	132	37	3,844	37	19,534	35	72,324	35								
		3	Often	105	29	3,210	31	16,770	29	64,851	30								
		4	Very often	69	20	1,969	19	10,486	18	42,963	20								
		Total		358	100	10,414	100	55,377	100	208,589	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	19	6	691	7	4,805	12	14,916	9	2.7	2.6 *	.11	2.6 ***	.19	2.6 *	.11	
		2	Sometimes	131	37	4,097	40	20,714	38	78,275	38								
		3	Often	127	36	3,722	36	19,696	34	74,933	35								
		4	Very often	79	22	1,836	17	9,884	17	39,455	18								
		Total		356	100	10,346	100	55,099	100	207,579	100								
i. Given a course presentation	present	1	Never	45	13	1,618	16	9,155	19	35,977	19	2.5	2.4	.06	2.3 **	.15	2.3 **	.17	
		2	Sometimes	143	42	4,338	42	23,713	42	91,292	43								
		3	Often	121	33	3,046	30	15,122	27	54,853	26								
		4	Very often	45	12	1,318	13	6,895	12	24,704	12								
		Total		354	100	10,320	100	54,885	100	206,826	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	23	6	722	7	3,930	8	13,863	7	2.7	2.7	.01	2.6	.04	2.6	.02	
		2	Sometimes	131	39	3,720	37	20,541	38	77,027	38								
		3	Often	129	36	3,842	38	19,717	36	74,867	37								
		4	Very often	65	18	1,836	17	9,505	18	36,326	18								
		Total		348	100	10,120	100	53,693	100	202,083	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	23	7	753	8	4,278	9	16,173	9	2.7	2.7	.01	2.6	.03	2.6	.04	
		2	Sometimes	123	37	3,664	37	19,987	37	75,823	38								
		3	Often	136	38	3,776	37	19,564	36	72,997	36								
		4	Very often	61	17	1,860	18	9,419	18	35,523	18								
		Total		343	100	10,053	100	53,248	100	200,516	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	26	9	872	9	4,883	10	18,696	10	2.6	2.6	-.03	2.6	-.01	2.6	.01	
		2	Sometimes	144	43	3,721	37	20,188	38	76,528	38								
		3	Often	101	29	3,555	35	18,479	34	68,925	34								
		4	Very often	71	19	1,874	18	9,563	18	35,892	18								
		Total		342	100	10,022	100	53,113	100	200,041	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 2016 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 2015 & 2016		CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	15	4	440	5	2,482	5	9,301	5	<b>2.7</b>	2.8	-.07	2.8	-.06	2.8	-.06
		2	Sometimes	117	35	3,151	32	17,005	32	63,811	32							
		3	Often	147	43	4,369	44	22,741	43	85,868	43							
		4	Very often	61	18	2,028	20	10,704	21	40,238	20							
		Total		340	100	9,988	100	52,932	100	199,218	100							
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	17	5	295	3	1,689	4	6,525	4	<b>2.9</b>	2.9	-.03	2.9	-.02	2.9	-.01
		2	Sometimes	81	25	2,752	28	14,862	28	56,250	28							
		3	Often	154	46	4,336	43	22,993	43	86,653	43							
		4	Very often	82	24	2,587	25	13,192	25	49,088	25							
		Total		334	100	9,970	100	52,736	100	198,516	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	7	2	268	3	1,547	3	5,806	3	<b>2.9</b>	2.9	-.03	2.9	.00	2.9	.01
		2	Sometimes	109	34	2,841	29	15,845	30	59,845	31							
		3	Often	127	39	4,352	44	22,751	43	85,670	43							
		4	Very often	84	25	2,476	24	12,385	24	46,411	23							
		Total		327	100	9,937	100	52,528	100	197,732	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	4	1	132	1	797	2	2,782	2	<b>3.1</b>	3.0	.01	3.1	.00	3.1	.00
		2	Sometimes	70	23	2,127	22	11,087	22	41,752	22							
		3	Often	150	45	4,601	47	24,429	46	91,444	46							
		4	Very often	101	31	3,031	30	15,972	30	60,882	31							
		Total		325	100	9,891	100	52,285	100	196,860	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	82	24	2,554	26	10,393	22	40,211	22	<b>2.1</b>	2.1	-.01	2.2 *	-.13	2.2 *	-.13
		2	Sometimes	155	49	4,443	45	23,854	45	89,791	45							
		3	Often	61	19	1,947	20	11,917	22	44,556	22							
		4	Very often	27	8	949	9	6,110	11	22,441	11							
		Total		325	100	9,893	100	52,274	100	196,999	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	179	54	5,439	55	25,879	51	96,297	51	<b>1.7</b>	1.7	.02	1.7	-.05	1.8	-.06
		2	Sometimes	86	27	2,683	27	15,994	29	60,906	30							
		3	Often	41	12	1,198	12	6,786	13	26,093	13							
		4	Very often	20	6	539	6	3,429	7	13,055	7							
		Total		326	100	9,859	100	52,088	100	196,351	100							

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

# NSSE 2016 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 2015 & 2016		CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	125	37	3,626	37	16,710	34	61,556	33	<b>1.9</b>	1.9	-03	2.0	-11	2.0 *	-12	▽						
		2	Sometimes	133	43	3,991	41	21,849	40	83,381	41														
		3	Often	45	14	1,559	16	9,323	17	35,699	18														
		4	Very often	20	6	657	7	4,090	8	15,291	8														
		Total		323	100	9,833	100	51,972	100	195,927	100														
d. Discussed your academic performance with a faculty member	SFperform	1	Never	112	34	2,755	28	11,987	25	46,190	25	<b>2.0</b>	2.0	-04	2.1 *	-14	2.1 *	-13	▽						
		2	Sometimes	126	40	4,526	46	24,161	46	91,193	46														
		3	Often	58	18	1,778	18	10,921	21	40,697	20														
		4	Very often	27	9	759	8	4,783	9	17,498	9														
		Total		323	100	9,818	100	51,852	100	195,578	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	12	4	293	3	1,900	4	7,451	4	<b>2.9</b>	3.0 **	-17	2.9	-09	2.9	-09	▽						
		2	Some	81	28	2,184	23	12,520	25	48,168	25														
		3	Quite a bit	152	47	4,407	45	22,964	44	86,242	44														
		4	Very much	75	22	2,951	29	14,606	27	54,066	27														
		Total		320	100	9,835	100	51,990	100	195,927	100														
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	19	6	370	4	1,847	4	6,604	4	<b>2.7</b>	2.9 **	-19	2.9 ***	-24	3.0 ***	-26	▽						
		2	Some	95	30	2,530	26	12,601	25	46,153	24														
		3	Quite a bit	153	48	4,364	45	23,412	45	88,371	45														
		4	Very much	54	17	2,508	25	13,871	26	53,926	27														
		Total		321	100	9,772	100	51,731	100	195,054	100														
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	20	6	367	4	1,874	4	6,914	4	<b>2.8</b>	2.9 **	-19	3.0 ***	-20	3.0 ***	-21	▽						
		2	Some	99	32	2,393	25	12,634	25	47,081	25														
		3	Quite a bit	128	39	4,183	44	22,410	43	84,035	43														
		4	Very much	71	23	2,761	27	14,562	28	56,077	29														
		Total		318	100	9,704	100	51,480	100	194,107	100														
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	20	6	308	3	1,810	4	7,496	4	<b>2.8</b>	3.0 ***	-24	2.9 ***	-22	2.9 ***	-19	▽						
		2	Some	97	32	2,357	25	12,951	25	49,544	26														
		3	Quite a bit	133	41	4,313	45	22,679	44	85,233	44														
		4	Very much	66	21	2,732	27	14,021	27	51,809	26														
		Total		316	100	9,710	100	51,461	100	194,082	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 2016 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 2015 & 2016		CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	16	5	413	4	2,100	4	8,255	5	<b>2.8</b>	2.9 *	-12	2.9 *	-13	2.9 *	-11	
		2	Some	96	32	2,548	27	13,336	26	51,074	27								
		3	Quite a bit	134	41	4,131	43	22,304	43	83,894	43								
		4	Very much	69	22	2,601	26	13,636	26	50,430	26								
		Total		315	100	9,693	100	51,376	100	193,653	100								
<b>5. During the current school year, to what extent have your instructors done the following?</b>																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	10	3	207	2	983	2	3,833	2	<b>3.1</b>	3.1	-03	3.1	-10	3.1	-07	
		2	Some	68	23	1,960	20	9,347	18	35,992	19								
		3	Quite a bit	128	39	4,347	45	23,137	44	88,616	45								
		4	Very much	111	35	3,275	33	18,188	36	66,300	34								
		Total		317	100	9,789	100	51,655	100	194,741	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	11	3	318	3	1,549	3	5,670	3	<b>3.0</b>	3.0	-06	3.1 *	-13	3.1	-11	
		2	Some	73	24	2,073	22	9,982	19	37,478	20								
		3	Quite a bit	141	44	4,352	45	23,230	44	89,398	45								
		4	Very much	91	28	3,023	30	16,775	33	61,781	32								
		Total		316	100	9,766	100	51,536	100	194,327	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	14	4	330	4	1,660	4	6,063	4	<b>3.0</b>	3.0	-05	3.1	-08	3.1	-07	
		2	Some	71	23	2,130	22	10,513	21	39,407	21								
		3	Quite a bit	129	42	3,950	41	21,289	41	81,462	41								
		4	Very much	100	31	3,340	33	17,959	35	66,955	34								
		Total		314	100	9,750	100	51,421	100	193,887	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	26	8	626	7	3,278	7	13,772	8	<b>2.7</b>	2.9 ***	-25	2.9 ***	-28	2.9 ***	-21	
		2	Some	112	36	2,665	28	13,483	26	53,307	28								
		3	Quite a bit	116	37	3,495	36	18,892	36	70,911	36								
		4	Very much	58	19	2,936	30	15,753	31	55,820	29								
		Total		312	100	9,722	100	51,406	100	193,810	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	32	10	878	9	3,846	8	15,471	8	<b>2.6</b>	2.7 *	-15	2.8 ***	-25	2.8 **	-18	
		2	Some	121	39	2,972	31	14,675	28	57,992	30								
		3	Quite a bit	99	32	3,460	36	19,215	37	72,484	37								
		4	Very much	59	19	2,390	24	13,497	27	47,254	25								
		Total		311	100	9,700	100	51,233	100	193,201	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 2016 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 2015 & 2016		CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016	
				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	45	14	1,282	12	6,819	13	24,541	12	<b>2.5</b>	2.6	-0.06	2.6	-0.07	2.6	-0.10	
		2	Sometimes	119	37	3,572	36	18,639	35	69,075	35								
		3	Often	106	35	3,427	36	17,569	34	67,847	35								
		4	Very often	42	14	1,482	16	8,508	17	32,798	18								
		Total		312	100	9,763	100	51,535	100	194,261	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	66	20	2,066	21	11,011	21	41,353	21	<b>2.2</b>	2.3	-0.07	2.3	-0.08	2.3	-0.08	
		2	Sometimes	144	46	3,968	40	20,700	40	77,203	39								
		3	Often	73	24	2,643	28	13,644	27	52,256	27								
		4	Very often	30	10	1,068	11	6,092	12	23,077	13								
		Total		313	100	9,745	100	51,447	100	193,889	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	74	22	2,015	20	10,777	21	39,118	20	<b>2.2</b>	2.3	-0.08	2.3	-0.07	2.3	-0.09	
		2	Sometimes	134	43	4,124	42	21,597	42	80,802	41								
		3	Often	84	28	2,581	28	13,480	27	52,628	27								
		4	Very often	23	7	974	10	5,416	11	20,826	11								
		Total		315	100	9,694	100	51,270	100	193,374	100								
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following length 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	23	9	316	4	1,837	4	7,619	5	<b>6.0</b>	6.5	-0.11	6.9 **	-0.16	6.8 *	-0.15	
		1.5	1-2	59	22	1,705	19	8,574	19	32,503	19								
		4	3-5	98	35	3,182	35	15,097	32	56,383	32								
		8	6-10	46	17	2,197	25	12,027	25	45,068	25								
		13	11-15	23	8	863	9	5,134	10	19,252	10								
		18	16-20	9	3	319	4	2,354	5	8,732	5								
		23	More than 20	15	5	374	4	2,428	5	9,258	5								
		Total		273	100	8,956	100	47,451	100	178,815	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	114	45	2,767	30	14,394	32	55,555	33	<b>2.1</b>	2.4	-0.10	2.3	-0.06	2.2	-0.05	
		1.5	1-2	82	30	3,542	41	19,514	41	71,501	40								
		4	3-5	45	17	1,577	19	8,375	18	32,154	18								
		8	6-10	12	4	595	7	2,966	7	11,097	6								
		13	11-15	8	3	152	2	653	2	2,540	2								
		18	16-20	1	1	49	1	205	0	804	0								
		23	More than 20	2	1	36	0	208	1	766	1								
Total		264	100	8,718	100	46,315	100	174,417	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 2016 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 2015 & 2016		CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016			
				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	207	78	6,638	77	34,517	76	129,651	76	<b>1.0</b>	.9	.04	.9	.06	.9	.06
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	31	12	1,242	15	7,903	17	29,868	17							
		4	3-5	14	5	267	3	1,403	3	5,322	3							
		8	6-10	4	1	165	2	731	2	2,769	2							
		13	11-15	4	1	104	1	404	1	1,523	1							
		18	16-20	1	1	45	0	138	0	573	0							
		23	More than 20	3	1	40	1	236	1	822	1							
		Total			264	100	8,501	100	45,332	100	170,528	100						
Estimated number of assigned pages of student writing.	wrpages (Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)											<b>47.7</b>	50.0	-.04	49.7	-.03	49.2	-.02
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																		
a. People of a race or ethnicity other than your own	DDrace	1	Never	7	3	393	5	2,468	6	8,339	5	<b>3.1</b>	3.1	-.02	3.0	.09	3.1	.05
		2	Sometimes	59	22	1,889	21	11,749	24	42,599	23							
		3	Often	92	34	2,805	32	14,799	31	55,387	31							
		4	Very often	114	40	4,006	43	18,857	39	73,967	41							
			Total	272	100	9,093	100	47,873	100	180,292	100							
b. People from an economic background other than your own	DDeconomic	1	Never	11	5	516	6	2,417	6	8,047	5	<b>3.0</b>	3.0	.00	3.0	.02	3.1	-.03
		2	Sometimes	68	25	2,050	23	11,087	24	40,391	23							
		3	Often	91	33	3,069	34	16,714	35	62,615	34							
		4	Very often	103	37	3,424	37	17,497	36	68,694	38							
			Total	273	100	9,059	100	47,715	100	179,747	100							
c. People with religious beliefs other than your own	DDreligion	1	Never	19	7	669	8	3,191	7	11,848	7	<b>3.0</b>	3.0	-.02	3.0	.00	3.0	-.03
		2	Sometimes	72	27	2,247	25	12,428	26	46,112	25							
		3	Often	81	29	2,801	32	14,875	31	54,988	31							
		4	Very often	101	37	3,350	36	17,217	36	66,670	37							
			Total	273	100	9,067	100	47,711	100	179,618	100							
d. People with political views other than your own	DDpolitical	1	Never	17	7	841	9	3,305	8	11,464	7	<b>2.9</b>	2.9	.04	2.9	-.05	3.0	-.08
		2	Sometimes	87	32	2,519	28	12,340	26	46,077	25							
		3	Often	72	26	2,819	32	15,600	32	58,049	32							
		4	Very often	96	35	2,855	31	16,290	34	63,429	36							
			Total	272	100	9,034	100	47,535	100	179,019	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 2016 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 2015 & 2016				Statistical Comparisons			
				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	8	3	109	1	674	2	2,815	2	3.0	3.1 *	-13	3.1 **	-19	3.1 **	-17					
		2	Sometimes	63	25	1,837	21	8,958	19	34,097	20												
		3	Often	119	43	4,132	46	21,199	45	79,723	44												
		4	Very often	80	29	2,963	31	16,642	35	62,148	34												
		Total		270	100	9,041	100	47,473	100	178,783	100												
b. Reviewed your notes after class	LSnotes	1	Never	13	5	424	5	2,148	5	8,435	5	2.9	2.9	-0.01	3.0	-0.10	2.9	-0.07					
		2	Sometimes	79	29	2,800	32	13,119	28	51,643	29												
		3	Often	107	40	3,047	34	16,203	34	60,901	34												
		4	Very often	70	25	2,731	29	15,883	33	57,412	32												
		Total		269	100	9,002	100	47,353	100	178,391	100												
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	23	8	651	7	2,722	6	10,856	6	2.7	2.7	-0.08	2.9 ***	-0.22	2.8 **	-0.19					
		2	Sometimes	96	36	2,970	34	13,866	29	53,476	30												
		3	Often	99	37	3,186	36	17,311	37	64,780	37												
		4	Very often	53	19	2,138	23	13,097	28	47,784	27												
		Total		271	100	8,945	100	46,996	100	176,896	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	1	0	33	0	218	1	847	1	5.3	5.5	-0.12	5.5 **	-0.18	5.5 **	-0.17					
		2		1	0	75	1	425	1	1,650	1												
		3		14	6	285	3	1,407	3	5,266	3												
		4		36	13	1,040	12	4,658	10	17,624	10												
		5		100	37	3,125	35	15,566	32	58,068	32												
		6		76	28	2,574	28	14,248	29	54,413	30												
		7	Very much	43	16	1,870	20	10,824	24	40,466	23												
		Total		271	100	9,002	100	47,346	100	178,334	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		34	13	1,269	14	5,343	13	18,465	12	9%	8%	.05	8%	.05	9%	.01					
		Do not plan to do		20	8	380	4	2,098	6	7,268	5												
		Plan to do		188	70	6,681	74	36,095	74	136,769	75												
		Done or in progress		25	9	669	8	3,710	8	15,484	9												
		Total		267	100	8,999	100	47,246	100	177,986	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 2016 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 2015 & 2016								Your first-year students compared with							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016				
				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	82	31	2,743	30	13,456	29	47,848	27	<b>10%</b>	9%	.01	11%	-.03	12%	-.07	
			Do not plan to do	71	27	2,299	26	11,271	26	39,459	24								
			Plan to do	87	33	3,115	35	17,226	35	68,838	37								
			Done or in progress	25	10	805	9	5,115	11	21,209	12								
			Total	265	100	8,962	100	47,068	100	177,354	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	95	35	2,892	32	15,666	33	56,248	31	<b>8%</b>	13% *	-0.17	13% *	-0.17	15% **	-0.22	
			Do not plan to do	75	29	2,012	23	11,870	26	46,195	27								
			Plan to do	74	27	2,822	31	13,001	27	48,190	27								
			Done or in progress	24	8	1,216	13	6,417	13	26,300	15								
			Total	268	100	8,942	100	46,954	100	176,933	100								
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	72	27	2,595	29	13,356	29	48,195	28	<b>6%</b>	3% **	.15	3% *	.13	4% *	.12	
			Do not plan to do	70	27	2,022	24	13,052	30	45,405	28								
			Plan to do	107	40	4,075	45	19,010	38	77,084	41								
			Done or in progress	17	6	250	3	1,522	3	6,166	4								
			Total	266	100	8,942	100	46,940	100	176,850	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	114	43	3,517	39	18,304	39	66,129	37	<b>2%</b>	5%	-0.12	5%	-0.14	5% *	-0.16	
			Do not plan to do	72	27	1,895	21	11,380	25	40,007	23								
			Plan to do	73	28	3,070	35	14,770	32	60,693	34								
			Done or in progress	7	2	418	5	2,300	5	9,471	5								
			Total	266	100	8,900	100	46,754	100	176,300	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	85	32	3,192	35	14,677	32	53,679	31	<b>4%</b>	2%	.06	3%	.05	3%	.04	
			Do not plan to do	33	12	788	9	4,419	10	16,642	10								
			Plan to do	138	52	4,715	53	26,471	54	101,466	55								
			Done or in progress	10	4	224	2	1,213	3	4,572	3								
			Total	266	100	8,919	100	46,780	100	176,359	100								
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																			
servcourse	1	None		85	32	4,114	46	20,723	46	81,214	48	<b>1.8</b>	1.6 ***	.23	1.6 ***	.23	1.6 ***	.26	
			2	Some	153	56	3,929	44	21,665	45	79,239								44
			3	Most	28	11	661	8	3,594	8	12,860								7
			4	All	2	1	138	2	663	2	2,483								2
			Total	268	100	8,842	100	46,645	100	175,796	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 2016 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 2015 & 2016		CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	4	1	175	2	843	2	2,750	2	<b>5.3</b>	5.4	-0.02	5.5	-0.09	5.5	-0.10	
		2		7	3	218	2	1,049	2	3,591	2								
		3		20	7	505	6	2,230	5	8,333	5								
		4		31	11	1,166	13	5,041	11	19,119	11								
		5		71	27	2,322	26	11,410	24	42,999	24								
		6		67	25	2,352	26	12,925	27	49,874	28								
		7	Excellent	65	24	2,195	25	13,148	28	49,390	27								
		—	Not applicable	2	1	48	1	360	1	1,182	1								
			Total	267	100	8,981	100	47,006	100	177,238	100								
b. Academic advisors	QIadvisor	1	Poor	13	5	461	5	1,821	4	6,317	4	<b>4.9</b>	4.9	-0.02	5.2 **	-0.17	5.2 **	-0.18	
		2		16	6	547	6	2,337	5	8,529	5								
		3		32	12	843	9	3,749	8	13,755	8								
		4		32	11	1,186	13	6,261	13	23,176	13								
		5		46	17	1,833	21	9,026	19	34,790	19								
		6		44	17	1,708	19	9,725	20	37,932	21								
		7	Excellent	55	22	1,920	22	13,061	28	48,836	28								
		—	Not applicable	28	11	459	6	932	3	3,544	2								
			Total	266	100	8,957	100	46,912	100	176,879	100								
c. Faculty	QIfaculty	1	Poor	9	3	331	4	973	2	3,332	2	<b>5.2</b>	4.9 *	.14	5.3	-0.10	5.3	-0.08	
		2		6	2	473	5	1,379	3	5,115	3								
		3		21	8	815	9	2,696	6	10,438	6								
		4		37	13	1,386	15	6,019	13	23,076	13								
		5		66	25	2,156	24	11,469	24	43,981	25								
		6		69	26	2,087	24	13,076	27	49,590	27								
		7	Excellent	48	19	1,482	17	10,635	23	38,935	22								
		—	Not applicable	7	3	181	2	456	1	1,665	1								
			Total	263	100	8,911	100	46,703	100	176,132	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 2016 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 2015 & 2016								Your first-year students compared with							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016				
				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	4	617	7	2,178	5	7,545	5	<b>5.1</b>	4.7 *** △	.22	5.0	.07	5.0	.07	
		2		10	4	572	6	2,181	5	8,054	5								
		3		22	8	755	8	3,307	7	12,519	7								
		4		31	12	1,239	14	6,111	13	23,733	13								
		5		59	22	1,674	19	9,342	19	36,481	20								
		6		56	22	1,673	19	9,901	20	38,039	21								
		7	Excellent	52	20	1,367	16	9,294	20	34,225	19								
		—	Not applicable	25	10	1,022	11	4,474	11	15,733	11								
	Total			265	100	8,919	100	46,788	100	176,329	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	10	4	567	6	2,182	5	8,004	5	<b>5.1</b>	4.7 *** △	.24	5.0	.08	4.9	.11	
		2		12	5	670	7	2,563	5	9,401	5								
		3		23	8	866	9	3,746	8	14,158	8								
		4		28	10	1,365	15	6,717	14	25,688	14								
		5		58	22	1,809	20	9,750	20	37,394	21								
		6		58	22	1,693	19	9,937	21	36,968	20								
		7	Excellent	51	20	1,317	15	9,367	21	33,558	19								
		—	Not applicable	26	10	641	7	2,578	6	11,398	7								
	Total			266	100	8,928	100	46,840	100	176,569	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	6	2	135	2	750	2	2,608	2	<b>3.0</b>	3.1 *** ▽	-.22	3.2 *** ▽	-.25	3.2 *** ▽	-.27	
		2	Some	59	24	1,494	18	6,913	16	25,545	16								
		3	Quite a bit	116	48	3,751	45	20,209	46	75,058	45								
		4	Very much	67	26	3,067	36	16,444	36	64,093	37								
			Total			248	100	8,447	100	44,316	100								167,304
b. Providing support to help students succeed academically	SEacademic	1	Very little	10	4	326	4	1,578	4	5,446	4	<b>3.0</b>	3.0	-.05	3.1	-.12	3.1 * ▽	-.13	
		2	Some	53	22	1,828	22	8,150	20	30,646	19								
		3	Quite a bit	111	46	3,465	42	18,007	41	68,075	41								
		4	Very much	69	28	2,756	32	16,189	35	61,787	36								
			Total			243	100	8,375	100	43,924	100								165,954
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	11	5	463	6	2,332	6	8,172	5	<b>3.0</b>	3.1	-.04	3.1	-.10	3.1	-.11	
		2	Some	43	19	1,584	19	7,213	17	27,427	17								
		3	Quite a bit	109	45	3,055	37	15,696	36	60,225	37								
		4	Very much	80	32	3,265	37	18,664	41	70,012	41								
			Total			243	100	8,367	100	43,905	100								165,836

\*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 2016 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 2015 & 2016								Your first-year students compared with						
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016			
				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	22	9	924	11	4,843	12	17,932	11	<b>2.7</b>	2.7	-.04	2.8	-.05	2.8	-.05
		2	Some	81	34	2,347	28	12,202	28	46,710	28							
		3	Quite a bit	77	32	2,847	34	14,748	34	56,052	34							
		4	Very much	61	24	2,254	26	12,120	27	45,243	27							
		Total		241	100	8,372	100	43,913	100	165,937	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	9	4	554	7	2,542	7	8,780	6	<b>2.9</b>	2.9	.01	3.0	-.04	3.0	-.07
		2	Some	66	28	2,068	25	9,586	23	35,434	22							
		3	Quite a bit	97	41	3,195	39	16,751	38	64,173	38							
		4	Very much	70	28	2,547	30	14,983	33	57,340	33							
		Total		242	100	8,364	100	43,862	100	165,727	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	14	6	593	7	3,106	8	10,507	7	<b>2.9</b>	2.9	-.06	2.9	-.04	3.0	-.08
		2	Some	65	27	1,938	24	9,688	23	36,412	23							
		3	Quite a bit	97	41	3,136	38	16,636	37	63,438	38							
		4	Very much	64	26	2,676	31	14,357	31	55,036	32							
		Total		240	100	8,343	100	43,787	100	165,393	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	51	21	1,710	21	9,018	22	33,537	21	<b>2.3</b>	2.4	-.10	2.4	-.09	2.4	-.08
		2	Some	93	39	2,882	35	14,916	34	58,053	35							
		3	Quite a bit	67	28	2,351	29	12,451	28	46,808	28							
		4	Very much	28	12	1,406	16	7,407	17	26,906	16							
		Total		239	100	8,349	100	43,792	100	165,304	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	21	8	884	11	4,243	12	13,099	10	<b>2.8</b>	2.8	-.01	2.8	-.03	2.9	-.10
		2	Some	74	31	2,300	28	10,462	24	38,755	24							
		3	Quite a bit	87	36	2,992	37	16,109	36	62,293	37							
		4	Very much	57	24	2,139	25	12,869	28	50,777	29							
		Total		239	100	8,315	100	43,683	100	164,924	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	39	17	1,468	17	6,579	17	22,737	15	<b>2.4</b>	2.5	-.05	2.5	-.10	2.6 *	-.13
		2	Some	95	41	2,793	34	13,970	32	53,240	32							
		3	Quite a bit	60	24	2,536	31	14,022	31	54,173	32							
		4	Very much	42	18	1,517	18	9,010	20	34,408	20							
		Total		236	100	8,314	100	43,581	100	164,558	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 2016 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016	
				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. About how many hours do you spend in a typical 7-day week doing the following?</b>																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	38	0	179	0	782	1	<b>13.7</b>							
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	31	12	1,445	17	6,443	15	21,494	14								
	8	6-10 hrs	66	29	2,222	26	10,895	25	38,345	24									
	13	11-15 hrs	52	22	1,796	22	9,660	22	36,101	22									
	18	16-20 hrs	49	20	1,369	16	7,749	17	30,783	18									
	23	21-25 hrs	22	9	741	9	4,516	10	18,606	11									
	28	26-30 hrs	8	4	404	5	2,311	5	9,895	6									
	33	More than 30 hrs	11	5	349	4	2,102	5	9,483	6									
	Total			239	100	8,364	100	43,855	100	165,489	100								
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	91	38	3,797	44	14,589	37	50,394	34	<b>4.6</b>							
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	79	33	2,390	29	14,646	32	55,620	32								
	8	6-10 hrs	30	13	1,065	13	6,740	15	27,280	16									
	13	11-15 hrs	26	11	518	6	3,483	7	14,754	9									
	18	16-20 hrs	5	2	270	3	2,146	5	8,838	5									
	23	21-25 hrs	5	2	130	2	1,065	2	4,002	2									
	28	26-30 hrs	2	1	60	1	409	1	1,529	1									
	33	More than 30 hrs	0	0	76	1	499	1	2,074	1									
	Total			238	100	8,306	100	43,577	100	164,491	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	205	87	7,048	84	34,262	80	126,732	79	<b>1.8</b>							
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	5	2	210	3	2,115	4	8,056	4								
	8	6-10 hrs	6	3	345	4	3,436	7	13,693	7									
	13	11-15 hrs	4	1	340	4	2,061	5	8,372	5									
	18	16-20 hrs	15	6	270	3	1,163	3	5,413	3									
	23	21-25 hrs	2	1	65	1	357	1	1,456	1									
	28	26-30 hrs	0	0	18	0	124	0	492	0									
	33	More than 30 hrs	0	0	35	0	161	0	732	1									
	Total			237	100	8,331	100	43,679	100	164,946	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 2016 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 2015 & 2016								Your first-year students compared with							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	177	75	5,550	67	28,510	63	113,817	67	<b>3.8</b>	5.4 ** ▽	-18	6.7 *** ▽	-27	5.7 *** ▽	-19	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	4	421	5	2,254	5	8,156	5								
	8	6-10 hrs	11	4	448	5	2,589	6	8,755	5									
	13	11-15 hrs	14	6	468	6	2,386	5	8,142	5									
	18	16-20 hrs	13	5	534	6	2,570	6	8,677	5									
	23	21-25 hrs	5	2	396	5	1,736	4	5,912	4									
	28	26-30 hrs	4	2	220	3	1,101	3	3,611	2									
	33	More than 30 hrs	4	2	284	4	2,393	8	7,281	6									
	Total			239	100	8,321	100	43,539	100	164,351	100								
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											<b>5.6</b>	7.3 * ▽	-16	8.8 *** ▽	-27	8.0 *** ▽	-21	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	155	65	4,812	58	24,254	56	90,113	56	<b>2.2</b>	2.5	-06	2.5	-07	2.5	-07	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	54	23	2,373	29	13,962	31	54,236	32								
	8	6-10 hrs	12	5	570	7	2,812	7	10,341	6									
	13	11-15 hrs	8	3	249	3	1,139	3	4,365	3									
	18	16-20 hrs	5	3	139	2	612	2	2,379	2									
	23	21-25 hrs	2	1	51	1	281	1	1,065	1									
	28	26-30 hrs	0	0	20	0	94	0	404	0									
	33	More than 30 hrs	0	0	40	0	191	1	661	0									
	Total			236	100	8,254	100	43,345	100	163,564	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	4	2	162	2	909	2	2,997	2	<b>12.4</b>	12.0	.04	11.8	.06	12.1	.03	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	44	17	2,032	24	9,999	24	35,661	22								
	8	6-10 hrs	68	28	2,213	26	11,978	27	45,526	27									
	13	11-15 hrs	57	24	1,636	20	8,603	19	33,691	20									
	18	16-20 hrs	31	14	972	12	5,498	12	21,585	13									
	23	21-25 hrs	16	6	515	6	2,807	6	10,701	7									
	28	26-30 hrs	4	1	226	3	1,269	3	4,887	3									
	33	More than 30 hrs	14	6	529	7	2,460	6	9,160	6									
	Total			238	100	8,285	100	43,523	100	164,208	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 2016 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 2015 & 2016								Your first-year students compared with						
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	188	81	5,433	66	31,544	69	124,768	73	<b>1.9</b>	3.2 ***	-0.20	3.9 ***	-0.24	3.3 ***	-0.18
	( <i>Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.</i> )	3	1-5 hrs	20	8	1,317	16	5,047	12	17,306	11							
	8	6-10 hrs	8	3	614	7	2,305	6	7,390	5								
	13	11-15 hrs	9	3	366	4	1,300	3	4,365	3								
	18	16-20 hrs	9	5	221	3	815	2	2,785	2								
	23	21-25 hrs	0	0	100	1	450	1	1,481	1								
	28	26-30 hrs	0	0	44	0	271	1	815	1								
	33	More than 30 hrs	1	0	169	2	1,722	5	5,044	4								
	Total		235	100	8,264	100	43,454	100	163,954	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	49	21	1,774	22	19,722	43	71,671	41	<b>4.8</b>	5.2	-0.07	3.7 **	.18	3.8 **	.17
	( <i>Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.</i> )	3	1-5 hrs	121	51	3,927	47	15,171	36	60,516	37							
	8	6-10 hrs	41	17	1,521	18	4,923	12	18,514	12								
	13	11-15 hrs	14	5	562	7	1,879	5	6,782	5								
	18	16-20 hrs	10	5	282	3	884	2	3,355	2								
	23	21-25 hrs	1	0	102	1	393	1	1,423	1								
	28	26-30 hrs	0	0	47	1	183	0	662	0								
	33	More than 30 hrs	2	1	106	1	464	1	1,691	1								
	Total		238	100	8,321	100	43,619	100	164,614	100								
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>												<b>3.0</b>	2.9	.11	2.9	.13	2.8 *	.17
reading	1	Very little	17	9	817	11	4,280	10	17,662	11								
	2	Some	62	27	2,440	30	13,152	30	50,927	32								
	3	About half	74	31	2,497	30	13,493	32	49,089	30								
	4	Most	60	24	1,753	21	9,202	21	33,910	20								
	5	Almost all	25	9	745	8	3,350	7	12,625	7								
	Total		238	100	8,252	100	43,477	100	164,213	100								
tmreadinghrs												<b>6.8</b>	6.4	.08	6.7	.03	6.7	.01
<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																		

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

# NSSE 2016 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 2015 & 2016		CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
	tmreadinghrscol	1	0 hrs	0	0	32	0	161	0	719	1						
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	113	49	4,229	52	21,308	50	78,591	50						
		3	More than 5, up to 10 hrs	77	32	2,427	29	12,931	30	48,995	29						
		4	More than 10, up to 15 hrs	24	10	757	9	4,424	10	17,569	10						
		5	More than 15, up to 20 hrs	11	4	375	4	2,315	5	9,033	5						
		6	More than 20, up to 25 hrs	11	4	273	3	1,535	3	6,108	3						
		7	More than 25 hrs	2	1	111	1	614	1	2,412	1						
		Total			238	100	8,204	100	43,288	100	163,427	100					

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

a. Writing clearly and effectively	pgwrite	1	Very little	19	8	476	6	2,698	6	11,746	8	2.7	▼	2.9 ***	-0.31	▼	2.9 ***	-0.30	▼	2.9 ***	-0.22
		2	Some	80	35	1,928	23	10,601	24	42,541	26										
		3	Quite a bit	100	40	3,593	44	18,295	42	67,627	41										
		4	Very much	40	17	2,323	27	11,945	28	42,450	26										
		Total		239	100	8,320	100	43,539	100	164,364	100										
b. Speaking clearly and effectively	pgspeak	1	Very little	14	6	682	8	4,164	10	17,585	11	2.8		2.8	-0.06	2.8	.01	2.7	.08		
		2	Some	74	32	2,269	27	12,584	29	49,671	30										
		3	Quite a bit	99	43	3,290	40	16,491	38	60,990	37										
		4	Very much	49	20	2,052	25	10,190	24	35,604	22										
		Total		236	100	8,293	100	43,429	100	163,850	100										
c. Thinking critically and analytically	pgthink	1	Very little	6	3	268	3	1,411	4	5,347	4	3.1		3.1	-0.02	3.1	-0.05	3.1	-0.03		
		2	Some	47	20	1,568	19	7,943	18	30,538	19										
		3	Quite a bit	108	46	3,680	45	18,828	43	70,816	43										
		4	Very much	77	32	2,776	33	15,234	35	57,186	35										
		Total		238	100	8,292	100	43,416	100	163,887	100										
d. Analyzing numerical and statistical information	pganalyze	1	Very little	39	15	1,038	12	6,458	14	23,577	14	2.5	▼	2.6 *	-0.16	2.6	-0.11	▼	2.6 *	-0.13	
		2	Some	85	36	2,654	32	14,042	32	51,825	31										
		3	Quite a bit	79	33	2,940	36	14,245	33	54,874	34										
		4	Very much	37	16	1,643	20	8,625	21	33,420	21										
		Total		240	100	8,275	100	43,370	100	163,696	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 2016 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 2015 & 2016								Your first-year students compared with						
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	45	17	1,507	18	5,720	14	21,780	14	<b>2.5</b>	2.5	.07	2.6	-.09	2.6	-.09
		2	Some	67	29	2,764	33	13,650	31	51,701	31							
		3	Quite a bit	90	38	2,541	31	14,517	33	54,950	33							
		4	Very much	38	16	1,475	17	9,504	22	35,373	21							
		Total		240	100	8,287	100	43,391	100	163,804	100							
f. Working effectively with others	pgothers	1	Very little	17	7	574	7	2,794	7	10,899	7	<b>2.9</b>	2.8	.05	2.9	.02	2.8	.04
		2	Some	53	23	2,329	28	11,297	27	44,057	27							
		3	Quite a bit	110	47	3,221	39	17,439	39	65,519	39							
		4	Very much	58	24	2,143	25	11,807	27	43,090	26							
		Total		238	100	8,267	100	43,337	100	163,565	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	34	15	1,036	13	4,658	12	18,543	13	<b>2.6</b>	2.7	-.06	2.7 *	-.14	2.7	-.11
		2	Some	66	29	2,462	29	11,941	28	45,884	28							
		3	Quite a bit	94	38	2,947	36	15,817	36	58,598	35							
		4	Very much	45	18	1,844	22	10,972	25	40,608	24							
		Total		239	100	8,289	100	43,388	100	163,633	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	21	9	717	9	4,347	11	16,717	11	<b>2.8</b>	2.8	-.03	2.8	.00	2.8	.02
		2	Some	68	30	2,238	27	12,079	28	46,053	28							
		3	Quite a bit	82	35	3,057	37	15,293	35	57,877	35							
		4	Very much	68	27	2,273	27	11,670	27	43,043	26							
		Total		239	100	8,285	100	43,389	100	163,690	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	29	11	1,058	13	5,157	12	19,509	12	<b>2.6</b>	2.6	.02	2.6	-.03	2.6	-.02
		2	Some	82	34	2,782	34	14,267	33	53,583	33							
		3	Quite a bit	86	36	2,865	35	14,962	34	56,654	34							
		4	Very much	43	18	1,574	19	8,938	21	33,807	21							
		Total		240	100	8,279	100	43,324	100	163,553	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	23	10	1,093	14	5,411	13	20,741	13	<b>2.6</b>	2.6	.02	2.6	-.04	2.6	-.01
		2	Some	91	38	2,740	33	13,520	31	51,951	32							
		3	Quite a bit	80	33	2,801	34	14,868	34	55,517	34							
		4	Very much	45	19	1,626	19	9,374	22	34,736	21							
		Total		239	100	8,260	100	43,173	100	162,945	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 2016 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 2015 & 2016		CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016	
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>18. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	4	2	152	2	809	2	2,890	2	<b>3.1</b>	3.1	.03	3.2 *	-.14	3.2 *	-.14	
		2	Fair	35	14	1,287	16	5,192	13	19,012	12								
		3	Good	137	56	4,595	55	21,269	49	79,646	49								
		4	Excellent	67	28	2,293	27	16,282	37	62,879	37								
			Total	243	100	8,327	100	43,552	100	164,427	100								
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																			
	sameinst	1	Definitely no	16	7	277	3	1,689	4	6,141	4	<b>3.1</b>	3.1	-.01	3.2	-.12	3.2 *	-.13	
		2	Probably no	29	11	1,310	15	5,548	13	19,988	12								
		3	Probably yes	111	46	3,940	47	18,087	42	67,881	42								
		4	Definitely yes	88	36	2,818	34	18,274	41	70,613	42								
			Total	244	100	8,345	100	43,598	100	164,623	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 2016 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 2015 & 2016		CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016	
				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	20	2	591	3	1,439	2	5,899	2	<b>3.1</b>	3.0	.04	3.2 ***	-0.18	3.2 **	-0.09	
		2	Sometimes	232	27	5,422	28	15,157	20	61,050	23								
		3	Often	262	31	5,943	31	23,664	31	84,724	31								
		4	Very often	331	39	7,341	38	36,137	47	120,504	43								
		Total		845	100	19,297	100	76,397	100	272,177	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	202	24	3,423	18	14,355	19	54,810	20	<b>2.3</b>	2.5 ***	-0.20	2.5 ***	-0.21	2.5 ***	-0.16	
		2	Sometimes	312	37	6,746	35	25,625	33	93,916	34								
		3	Often	204	24	5,070	26	19,642	26	68,144	25								
		4	Very often	119	14	3,894	20	16,149	22	52,996	20								
		Total		837	100	19,133	100	75,771	100	269,866	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	49	6	1,441	8	4,406	6	17,108	7	<b>2.9</b>	2.9	-0.02	3.0 ***	-0.20	3.0 ***	-0.13	
		2	Often	132	16	3,033	16	9,289	12	36,939	14								
		3	Sometimes	516	62	10,552	55	40,400	53	145,847	54								
		4	Never	131	16	4,014	21	21,302	28	68,725	26								
		Total		828	100	19,040	100	75,397	100	268,619	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	371	45	8,731	46	33,407	46	112,350	44	<b>1.7</b>	1.8	-0.05	1.8 **	-0.08	1.8 ***	-0.11	
		2	Sometimes	335	41	6,929	36	26,598	35	97,909	36								
		3	Often	81	10	2,033	11	8,754	11	34,213	12								
		4	Very often	37	4	1,247	7	6,315	8	22,922	8								
		Total		824	100	18,940	100	75,074	100	267,394	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	66	8	2,184	12	11,598	17	35,827	15	<b>2.6</b>	2.5 **	.10	2.3 ***	.26	2.4 ***	.19	
		2	Sometimes	346	42	8,256	44	33,140	44	116,224	44								
		3	Often	282	34	5,336	28	19,939	25	75,115	27								
		4	Very often	133	16	3,123	17	10,233	13	39,737	14								
		Total		827	100	18,899	100	74,910	100	266,903	100								
f. Explained course material to one or more students	CLexplain	1	Never	23	3	771	4	4,950	7	14,691	6	<b>2.9</b>	2.8 *	.09	2.7 ***	.21	2.7 ***	.15	
		2	Sometimes	265	31	6,614	35	27,110	37	93,236	36								
		3	Often	349	42	7,201	38	27,041	35	99,655	37								
		4	Very often	192	24	4,258	23	15,629	20	58,454	22								
		Total		829	100	18,844	100	74,730	100	266,036	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 2016 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 2015 & 2016								Your seniors compared with									
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	89	10	2,919	15	15,023	22	47,682	19	<b>2.6</b>	2.5 **	.09	2.4 ***	.23	2.5 ***	.17			
		2	Sometimes	298	36	6,812	36	25,453	34	91,394	35								△	△	△
		3	Often	267	33	5,163	28	19,969	26	73,014	27										
		4	Very often	167	20	3,953	21	14,209	18	53,607	20										
		Total		821	100	18,847	100	74,654	100	265,697	100										
h. Worked with other students on course projects or assignments	CLproject	1	Never	25	3	923	5	6,622	10	17,869	7	<b>3.0</b>	2.9 **	.09	2.8 ***	.27	2.9 ***	.18			
		2	Sometimes	210	26	5,228	28	21,880	30	75,643	29								△	△	△
		3	Often	302	37	6,622	35	25,282	33	92,539	34										
		4	Very often	284	35	6,011	32	20,654	27	78,892	30										
		Total		821	100	18,784	100	74,438	100	264,943	100										
i. Given a course presentation	present	1	Never	68	8	1,827	10	8,613	13	28,495	12	<b>2.8</b>	2.8	.05	2.7 **	.10	2.7 **	.11			
		2	Sometimes	246	30	5,762	31	21,314	29	79,925	31										
		3	Often	277	34	5,954	32	23,736	31	85,392	31								△	△	△
		4	Very often	230	28	5,145	27	20,459	26	70,086	25										
		Total		821	100	18,688	100	74,122	100	263,898	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	517	3	2,441	4	8,043	3	<b>3.0</b>	3.0	.02	3.0	.06	3.0	.06			
		2	Sometimes	189	24	4,587	25	18,314	26	65,997	26										
		3	Often	318	41	7,258	39	29,019	39	103,149	39										
		4	Very often	257	33	6,025	33	23,118	31	81,991	31										
		Total		785	100	18,387	100	72,892	100	259,180	100										
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	35	5	1,082	6	3,794	6	14,672	6	<b>2.8</b>	2.9	-0.4	2.9	-0.05	2.9	-0.01			
		2	Sometimes	247	32	5,138	29	20,248	28	75,244	30										
		3	Often	290	38	6,573	36	27,079	37	94,128	36										
		4	Very often	208	26	5,481	29	21,197	29	73,236	28										
		Total		780	100	18,274	100	72,318	100	257,280	100										
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	108	14	1,928	11	6,376	10	26,182	11	<b>2.6</b>	2.7 ***	-0.13	2.7 ***	-0.17	2.7 **	-0.11			
		2	Sometimes	277	36	5,999	33	23,588	33	85,874	34								▽	▽	▽
		3	Often	229	29	5,706	31	23,887	32	82,389	31										
		4	Very often	165	21	4,608	25	18,383	25	62,462	24										
		Total		779	100	18,241	100	72,234	100	256,907	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 2016 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 2015 & 2016								Your seniors compared with							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	48	6	839	5	2,894	4	11,070	5	<b>2.8</b>	2.9 **	-10	2.9 ***	-13	2.9 **	-10	
		2	Sometimes	240	31	5,224	29	20,037	28	73,617	29								
		3	Often	318	41	7,385	41	30,155	41	105,957	41								
		4	Very often	173	22	4,749	26	18,954	26	65,532	25								
		Total		779	100	18,197	100	72,040	100	256,176	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	33	4	599	4	2,056	3	7,850	3	<b>2.9</b>	3.0	-06	3.0	-05	3.0	-02	
		2	Sometimes	188	25	4,335	24	17,574	25	64,550	26								
		3	Often	334	43	7,574	42	30,642	42	107,479	42								
		4	Very often	220	28	5,644	31	21,572	30	75,501	29								
		Total		775	100	18,152	100	71,844	100	255,380	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	19	2	393	2	1,423	2	5,309	2	<b>3.0</b>	3.0	-05	3.0	-02	3.0	-01	
		2	Sometimes	207	27	4,686	26	18,850	27	68,646	28								
		3	Often	333	43	7,507	41	30,466	42	107,547	42								
		4	Very often	214	28	5,525	30	20,953	29	73,220	28								
		Total		773	100	18,111	100	71,692	100	254,722	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	5	1	203	1	714	1	2,502	1	<b>3.2</b>	3.2	.00	3.2	-01	3.2	.02	
		2	Sometimes	115	15	2,748	16	10,428	15	38,377	16								
		3	Often	339	44	7,417	41	30,293	42	108,346	42								
		4	Very often	307	40	7,664	42	29,995	42	104,509	41								
		Total		766	100	18,032	100	71,430	100	253,734	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	124	17	3,587	20	12,392	19	43,430	19	<b>2.4</b>	2.3 *	.09	2.4	.00	2.4	.01	
		2	Sometimes	323	42	7,569	42	27,112	39	98,354	39								
		3	Often	179	24	4,115	22	18,012	24	64,145	24								
		4	Very often	137	17	2,814	15	13,933	18	48,033	17								
		Total		763	100	18,085	100	71,449	100	253,962	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	315	41	8,493	47	31,477	46	107,470	45	<b>2.0</b>	1.9 *	.08	1.9	.05	1.9	.04	
		2	Sometimes	249	33	4,990	28	20,127	27	74,009	28								
		3	Often	107	14	2,554	14	11,067	15	40,951	15								
		4	Very often	90	12	1,969	11	8,543	11	30,698	11								
		Total		761	100	18,006	100	71,214	100	253,128	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 2016 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 2015 & 2016								Your seniors compared with							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	175	23	5,210	29	19,417	29	65,357	28	<b>2.2</b>	2.1 **	.11	2.2	.07	2.2	.07	
		2	Sometimes	326	42	7,298	40	27,192	38	99,846	39								
		3	Often	172	24	3,492	20	15,288	21	55,200	21								
		4	Very often	85	11	1,999	11	9,234	12	32,455	12								
		Total		758	100	17,999	100	71,131	100	252,858	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	157	21	4,433	25	15,612	23	56,142	24	<b>2.2</b>	2.2 *	.08	2.2	.01	2.2	.04	
		2	Sometimes	350	46	7,947	44	30,184	42	110,075	44								
		3	Often	165	22	3,636	20	16,061	22	55,497	21								
		4	Very often	86	11	1,967	11	9,152	12	30,664	11								
		Total		758	100	17,983	100	71,009	100	252,378	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	52	7	1,211	7	6,465	9	22,917	9	<b>2.8</b>	2.9 *	-.09	2.7	.05	2.7	.05	
		2	Some	233	31	5,012	28	22,025	31	78,140	31								
		3	Quite a bit	292	39	6,840	38	26,510	37	94,701	37								
		4	Very much	175	23	4,949	27	16,193	23	57,329	23								
		Total		752	100	18,012	100	71,193	100	253,087	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	21	3	549	3	1,846	3	6,703	3	<b>3.0</b>	3.1 **	-.11	3.1 ***	-.13	3.1 **	-.11	
		2	Some	167	22	3,257	18	12,351	18	45,038	18								
		3	Quite a bit	328	43	7,446	41	30,305	43	108,247	43								
		4	Very much	239	31	6,686	37	26,436	37	92,161	36								
		Total		755	100	17,938	100	70,938	100	252,149	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	29	4	643	4	2,228	3	8,354	4	<b>3.0</b>	3.1 ***	-.13	3.1 ***	-.14	3.1 **	-.12	
		2	Some	160	22	3,470	19	13,366	19	49,220	20								
		3	Quite a bit	337	45	7,124	40	28,854	41	102,615	41								
		4	Very much	218	29	6,677	37	26,239	37	91,130	36								
		Total		744	100	17,914	100	70,687	100	251,319	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	50	7	912	5	2,880	4	12,354	5	<b>2.8</b>	3.0 ***	-.16	3.0 ***	-.23	3.0 ***	-.16	
		2	Some	193	26	4,094	23	14,848	21	57,000	23								
		3	Quite a bit	323	43	7,138	40	29,509	41	102,924	41								
		4	Very much	184	24	5,720	31	23,434	33	78,939	31								
		Total		750	100	17,864	100	70,671	100	251,217	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 2016 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 2015 & 2016		CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	40	5	866	5	2,716	4	10,659	5	<b>2.9</b>	3.0 *	-0.09	3.0 ***	-0.14	3.0 **	-0.10	
		2	Some	185	25	4,090	23	15,269	22	57,342	23								
		3	Quite a bit	328	44	7,246	41	29,781	42	104,814	42								
		4	Very much	193	26	5,632	31	22,768	32	77,896	31								
		Total		746	100	17,834	100	70,534	100	250,711	100								
<b>5. During the current school year, to what extent have your instructors done the following?</b>																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	18	2	376	2	1,458	2	5,365	2	<b>3.2</b>	3.2	-0.01	3.2	-0.05	3.2	.00	
		2	Some	113	15	2,976	17	10,940	16	40,943	17								
		3	Quite a bit	341	45	7,652	43	29,618	41	108,642	43								
		4	Very much	280	37	6,974	38	28,982	41	97,401	38								
		Total		752	100	17,978	100	70,998	100	252,351	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	19	3	530	3	2,052	3	7,108	3	<b>3.1</b>	3.1	.04	3.1	-0.03	3.1	.00	
		2	Some	135	18	3,435	19	11,799	17	43,610	18								
		3	Quite a bit	336	45	7,822	44	30,470	43	111,099	44								
		4	Very much	262	35	6,134	34	26,527	38	89,949	36								
		Total		752	100	17,921	100	70,848	100	251,766	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	13	2	549	3	2,386	4	8,326	4	<b>3.2</b>	3.1 *	.08	3.2	.05	3.1 *	.08	
		2	Some	122	16	3,330	19	12,345	18	44,674	18								
		3	Quite a bit	323	43	7,100	40	27,565	39	100,286	40								
		4	Very much	292	39	6,914	38	28,437	40	98,053	38								
		Total		750	100	17,893	100	70,733	100	251,339	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	75	10	1,886	11	6,440	10	25,287	11	<b>2.8</b>	2.8	.00	2.9 *	-0.09	2.8	-0.02	
		2	Some	208	28	5,121	29	18,279	26	68,577	28								
		3	Quite a bit	273	36	5,899	33	23,763	33	84,214	33								
		4	Very much	195	26	4,979	27	22,192	31	73,129	28								
		Total		751	100	17,885	100	70,674	100	251,207	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	67	9	1,526	9	4,519	7	17,205	7	<b>2.8</b>	2.8	-0.04	2.9 ***	-0.17	2.9 **	-0.11	
		2	Some	213	28	5,082	29	17,369	25	65,682	27								
		3	Quite a bit	296	39	6,471	36	26,898	38	95,990	38								
		4	Very much	174	23	4,761	26	21,663	31	71,474	28								
		Total		750	100	17,840	100	70,449	100	250,351	100								

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

# NSSE 2016 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 2015 & 2016										Your seniors compared with					
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Effect size <sup>e</sup>	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	78	10	2,092	11	9,001	12	31,011	12	2.7	2.7	.03	2.6	.07	2.7	.04	
		2	Sometimes	244	32	5,935	32	23,734	33	82,862	32								
		3	Often	273	36	6,097	35	23,685	34	84,422	34								
		4	Very often	157	22	3,829	22	14,432	21	53,584	22								
		Total		752	100	17,953	100	70,852	100	251,879	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	113	15	3,215	17	12,800	18	46,354	18	2.5	2.5	.04	2.4	.06	2.4	.06	
		2	Sometimes	282	38	6,633	37	26,236	37	92,627	36								
		3	Often	228	30	4,948	28	19,933	28	70,103	28								
		4	Very often	123	17	3,114	18	11,757	17	42,392	17								
		Total		746	100	17,910	100	70,726	100	251,476	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	106	14	2,908	16	12,627	18	42,816	17	2.5	2.5	-.02	2.4	.04	2.4	.02	
		2	Sometimes	309	41	6,806	38	27,230	38	95,907	38								
		3	Often	228	30	5,235	30	20,107	29	73,108	29								
		4	Very often	106	15	2,923	17	10,627	15	39,154	16								
		Total		749	100	17,872	100	70,591	100	250,985	100								
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following length 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	45	7	837	5	2,880	5	11,628	6	7.5	7.7	-.03	8.1 *	-.09	7.9	-.05	
		1.5	1-2	126	19	2,878	18	10,874	17	40,863	18								
		4	3-5	183	28	4,735	29	18,026	28	64,240	28								
		8	6-10	161	24	3,664	22	14,745	22	51,576	22								
		13	11-15	55	8	1,680	10	7,460	11	25,950	11								
		18	16-20	35	5	942	6	4,340	6	14,659	6								
		23	More than 20	66	10	1,597	10	6,783	10	22,722	10								
Total		671	100	16,333	100	65,108	100	231,638	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	149	23	2,894	18	11,752	19	45,400	21	3.2	3.8 ***	-.14	3.9 ***	-.15	3.7 **	-.11	
		1.5	1-2	262	39	5,614	35	21,904	34	79,293	34								
		4	3-5	152	23	4,345	27	17,334	27	60,436	25								
		8	6-10	56	9	2,130	13	8,509	13	27,935	12								
		13	11-15	21	3	670	4	2,760	4	8,996	4								
		18	16-20	9	1	245	1	1,184	2	3,734	2								
		23	More than 20	10	2	268	2	1,086	2	3,402	2								
Total		659	100	16,166	100	64,529	100	229,196	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 2016 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 2015 & 2016		CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016	
				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	332	51	6,538	41	26,734	43	96,117	44	<b>1.7</b>	2.2 ***	-13	2.1 **	-10	2.0 *	-09	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	227	35	5,892	37	23,929	37	85,030	36								
		4	3-5	53	8	2,028	13	7,725	12	27,205	12								
		8	6-10	16	2	677	4	2,576	4	8,908	4								
		13	11-15	8	1	304	2	1,124	2	3,933	2								
		18	16-20	5	1	179	1	579	1	1,872	1								
		23	More than 20	9	1	245	2	771	1	2,593	1								
	Total			650	100	15,863	100	63,438	100	225,658	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>71.7</b>	84.1 ***	-13	83.3 **	-13	80.9 *	-10	
<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	29	5	629	4	3,324	5	11,414	5	<b>3.1</b>	3.3 ***	-18	3.1	-01	3.1	-03	
		2	Sometimes	158	23	3,022	18	15,445	23	55,112	22								
		3	Often	207	31	4,590	27	19,437	29	68,755	29								
		4	Very often	278	41	8,650	51	28,704	43	102,236	44								
			Total	672	100	16,891	100	66,910	100	237,517	100								
b. People from an economic background other than your own	DDeconomic	1	Never	23	4	665	4	2,925	5	9,679	4	<b>3.1</b>	3.2 **	-11	3.1	-02	3.1	-03	
		2	Sometimes	164	25	3,217	19	14,664	22	51,843	22								
		3	Often	220	33	5,318	32	22,320	33	79,813	33								
		4	Very often	263	39	7,644	45	26,808	40	95,487	41								
			Total	670	100	16,844	100	66,717	100	236,822	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	34	5	998	6	4,004	6	14,518	6	<b>3.0</b>	3.1 ***	-14	3.0	-05	3.0	-06	
		2	Sometimes	180	27	3,553	21	16,824	25	60,291	25								
		3	Often	223	33	4,913	29	20,190	30	70,907	30								
		4	Very often	232	34	7,347	43	25,622	39	90,829	39								
			Total	669	100	16,811	100	66,640	100	236,545	100								
d. People with political views other than your own	DDpolitical	1	Never	32	5	1,072	7	3,827	6	13,050	6	<b>3.0</b>	3.0	-04	3.0	-04	3.0	-05	
		2	Sometimes	186	28	4,128	25	16,019	24	58,389	24								
		3	Often	213	32	4,878	29	21,347	32	75,330	32								
		4	Very often	235	35	6,680	39	25,165	38	88,897	38								
			Total	666	100	16,758	100	66,358	100	235,666	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 2016 Frequencies and Statistical Comparisons

## California State University-Chico

### Seniors

				Frequency Distributions <sup>a</sup>						Statistical Comparisons <sup>b</sup>									
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016	
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>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	19	3	337	2	1,173	2	4,746	2	<b>3.1</b>	3.2 **	-12	3.2 ***	-14	3.2 **	-10	
		2	Sometimes	118	17	2,584	16	10,001	15	37,939	16								
		3	Often	291	43	6,546	39	26,445	40	93,543	40								
		4	Very often	247	36	7,319	43	28,907	43	99,965	42								
		Total		675	100	16,786	100	66,526	100	236,193	100								
b. Reviewed your notes after class	LSnotes	1	Never	43	6	1,123	7	4,465	7	17,168	7	<b>2.9</b>	2.9	.02	2.9	-.03	2.9	.02	
		2	Sometimes	185	27	4,954	30	18,314	27	70,083	29								
		3	Often	243	36	5,264	32	21,133	32	73,548	31								
		4	Very often	204	30	5,403	32	22,415	34	74,738	32								
		Total		675	100	16,744	100	66,327	100	235,537	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	52	8	1,217	7	3,987	6	15,593	7	<b>2.8</b>	2.8 *	-.09	2.9 ***	-.20	2.9 ***	-.14	
		2	Sometimes	211	31	4,872	29	17,146	26	65,381	28								
		3	Often	248	38	5,588	34	23,352	36	82,026	35								
		4	Very often	155	23	4,932	29	21,292	32	70,596	30								
		Total		666	100	16,609	100	65,777	100	233,596	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	1	107	1	440	1	1,457	1	<b>5.5</b>	5.7 ***	-15	5.7 ***	-18	5.7 ***	-13	
		2		10	1	204	1	771	1	2,832	1								
		3		25	4	457	3	1,766	3	6,674	3								
		4		60	9	1,408	9	5,109	8	19,743	9								
		5		213	32	4,439	27	17,374	26	65,319	27								
		6		220	33	5,155	31	20,218	30	72,283	30								
		7	Very much	139	21	4,950	29	20,634	31	67,074	29								
		Total		672	100	16,720	100	66,312	100	235,382	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		49	8	1,489	9	5,911	10	18,505	9	<b>48%</b>	46%	.04	47%	.03	50%	-.04	
		Do not plan to do		110	16	2,690	16	12,587	20	40,900	18								
		Plan to do		184	28	4,729	28	15,081	24	51,326	23								
		Done or in progress		326	48	7,809	46	32,723	47	124,602	50								
		Total		669	100	16,717	100	66,302	100	235,333	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 2016 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 2015 & 2016								Your seniors compared with						
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016			
				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 <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	70	11	2,094	12	7,578	12	23,748	11	<b>33%</b>	29% *	.09	32%	.03	35%	-.04
			Do not plan to do	313	47	8,194	49	30,848	48	104,028	46							
			Plan to do	59	9	1,507	9	5,198	8	17,626	8							
			Done or in progress	224	33	4,890	29	22,495	32	89,324	35							
			Total	666	100	16,685	100	66,119	100	234,726	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	77	12	2,387	14	9,073	14	29,129	13	<b>23%</b>	23%	.01	23%	.00	24%	-.02
			Do not plan to do	374	56	8,483	52	34,026	52	123,925	53							
			Plan to do	57	9	1,856	11	6,467	10	21,053	9							
			Done or in progress	155	23	3,919	23	16,367	23	60,071	24							
			Total	663	100	16,645	100	65,933	100	234,178	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	72	11	2,401	14	7,960	13	25,969	12	<b>8%</b>	11%	-.08	11% *	-.10	14% ***	-.17
			Do not plan to do	485	73	10,803	65	44,910	68	155,026	67							
			Plan to do	48	7	1,608	10	4,680	7	16,276	7							
			Done or in progress	59	8	1,820	11	8,385	11	36,832	14							
			Total	664	100	16,632	100	65,935	100	234,103	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	99	15	2,979	18	10,301	16	33,080	15	<b>19%</b>	21%	-.07	21%	-.06	24% **	-.12
			Do not plan to do	332	50	7,462	45	33,202	50	113,512	49							
			Plan to do	105	16	2,580	16	7,819	12	27,643	13							
			Done or in progress	124	19	3,542	21	14,367	21	58,963	24							
			Total	660	100	16,563	100	65,689	100	233,198	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	47	7	1,935	12	6,093	10	19,855	9	<b>53%</b>	41% ***	.23	45% ***	.14	46% ***	.14
			Do not plan to do	99	15	3,821	23	12,728	20	46,860	21							
			Plan to do	164	25	4,041	24	15,711	25	53,194	24							
			Done or in progress	353	53	6,811	41	31,319	45	113,993	46							
			Total	663	100	16,608	100	65,851	100	233,902	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 2015 & 2016	CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016		
None	225	34	6,071	37	22,753	37	85,586	39	<b>1.8</b>	1.8 *	.09	1.8	.06	1.7 **	.11
Some	343	51	8,523	51	34,328	51	119,814	49							
Most	87	13	1,666	10	7,325	10	23,877	10							
All	11	2	302	2	1,427	2	4,457	2							
Total	666	100	16,562	100	65,833	100	233,734	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 2016 Frequencies and Statistical Comparisons

## California State University-Chico

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>													
				CSU, Chico				Far West Public				Carnegie Class				NSSE 2015 & 2016				Your seniors compared with					
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>						
				%	%	%	%	%	%	CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016	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	9	1	187	1	750	1	2,603	1	<b>5.7</b>	5.7	.01	5.7	-.01	5.7	.00							
		2		8	1	247	2	1,014	2	3,536	2														
		3		36	5	679	4	2,365	4	8,776	4														
		4		54	8	1,549	9	5,800	9	20,683	9														
		5		152	23	3,768	23	14,562	22	53,116	23														
		6		186	27	4,931	30	18,927	28	68,723	29														
		7	Excellent	220	33	5,214	31	22,034	33	74,926	32														
		—	Not applicable	3	0	115	1	725	1	2,504	1														
			Total	668	100	16,690	100	66,177	100	234,867	100														
b. Academic advisors	QIadvisor	1	Poor	33	5	889	5	3,227	5	10,983	5	<b>5.2</b>	5.1	.07	5.3	-.04	5.2	-.01							
		2		33	5	932	6	3,157	5	11,569	5														
		3		46	7	1,303	8	4,443	7	16,532	7														
		4		84	12	2,171	13	7,134	11	26,684	12														
		5		111	16	3,105	19	11,201	17	40,977	17														
		6		131	20	3,371	20	13,623	20	48,850	20														
		7	Excellent	204	31	4,512	27	22,213	33	75,677	32														
		—	Not applicable	26	4	381	2	1,043	2	3,190	2														
			Total	668	100	16,664	100	66,041	100	234,462	100														
c. Faculty	QIfaculty	1	Poor	7	1	323	2	986	2	3,443	2	<b>5.6</b>	5.4 **	.12	5.6	.00	5.5	.05							
		2		19	3	442	3	1,293	2	4,805	2														
		3		22	3	895	5	2,676	4	9,962	5														
		4		75	11	1,901	11	6,206	10	23,390	10														
		5		139	20	3,687	22	13,756	21	51,147	22														
		6		196	30	4,896	29	19,816	30	70,834	30														
		7	Excellent	205	31	4,331	26	20,409	31	67,994	29														
		—	Not applicable	3	0	127	1	581	1	1,741	1														
			Total	666	100	16,602	100	65,723	100	233,316	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 2016 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 2015 & 2016								Statistical Comparisons <sup>b</sup>							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016				
				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	32	5	939	6	3,314	5	11,403	5	<b>5.0</b>	4.8 **	.11	4.9	.04	4.9	.07	
		2		23	4	804	5	2,934	4	10,804	5								
		3		41	6	1,196	7	4,218	6	16,218	7								
		4		74	11	2,054	12	7,707	11	29,462	12								
		5		130	19	2,845	17	11,238	17	42,543	18								
		6		120	18	2,877	18	11,818	17	42,288	18								
		7	Excellent	124	19	2,610	16	12,053	18	40,524	17								
		—	Not applicable	122	18	3,281	20	12,552	20	40,522	19								
	Total	666	100	16,606	100	65,834	100	233,764	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	29	5	1,001	6	3,455	6	12,432	6	<b>5.0</b>	4.8 **	.12	5.0	.02	4.9	.07	
		2		26	4	995	6	3,516	5	12,888	6								
		3		58	9	1,421	8	5,186	8	19,314	8								
		4		97	14	2,535	15	9,174	14	34,628	15								
		5		137	20	3,521	21	13,377	20	49,164	20								
		6		136	21	3,284	20	14,099	21	48,084	20								
		7	Excellent	140	21	2,911	18	14,135	22	45,951	20								
		—	Not applicable	44	6	971	6	3,030	5	11,756	6								
	Total	667	100	16,639	100	65,972	100	234,217	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	19	3	340	2	1,315	2	4,367	2	<b>3.1</b>	3.2 **	-.11	3.2 *	-.09	3.2 **	-.10	
		2	Some	111	18	2,648	17	10,361	17	36,132	16								
		3	Quite a bit	291	47	6,807	43	28,239	45	98,917	44								
		4	Very much	204	32	6,122	38	23,394	37	85,378	37								
			Total	625	100	15,917	100	63,309	100	224,794	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	38	6	928	6	3,072	5	10,610	5	<b>2.9</b>	2.9	-.02	3.0 *	-.10	3.0	-.08	
		2	Some	158	26	3,960	25	13,836	23	50,402	23								
		3	Quite a bit	252	41	6,491	41	25,965	41	93,298	42								
		4	Very much	171	27	4,399	27	19,929	31	68,723	30								
			Total	619	100	15,778	100	62,802	100	223,033	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	70	12	1,477	9	5,306	9	17,921	8	<b>2.8</b>	2.8 *	-.08	2.9 ***	-.15	2.9 ***	-.14	
		2	Some	164	27	4,137	26	14,607	24	53,268	24								
		3	Quite a bit	221	35	5,711	37	23,117	37	83,553	37								
		4	Very much	163	26	4,475	28	19,822	31	68,368	30								
			Total	618	100	15,800	100	62,852	100	223,110	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 2016 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 2015 & 2016								Statistical Comparisons <sup>b</sup>						
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016			
				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	109	18	2,465	16	9,472	16	34,722	16	<b>2.6</b>	2.6	-0.06	2.6	-0.07	2.6	-0.05
		2	Some	181	29	4,817	31	18,989	30	69,306	31							
		3	Quite a bit	199	32	4,756	30	19,564	31	68,677	31							
		4	Very much	128	21	3,760	23	14,828	23	50,455	23							
		Total		617	100	15,798	100	62,853	100	223,160	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	51	8	1,442	9	5,773	10	18,364	9	<b>2.8</b>	2.8	.05	2.8	.02	2.8	.00
		2	Some	164	27	4,433	28	15,837	26	56,105	26							
		3	Quite a bit	228	37	5,752	37	23,306	37	84,103	37							
		4	Very much	174	28	4,157	26	17,892	28	64,362	28							
		Total		617	100	15,784	100	62,808	100	222,934	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	63	11	1,786	11	7,913	13	25,348	12	<b>2.8</b>	2.8	.07	2.7 **	.12	2.7 *	.08
		2	Some	149	24	4,300	27	16,520	27	58,666	27							
		3	Quite a bit	222	36	5,556	36	22,035	35	79,964	35							
		4	Very much	179	29	4,119	26	16,185	25	58,470	26							
		Total		613	100	15,761	100	62,653	100	222,448	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	219	36	5,624	35	20,772	34	73,981	34	<b>2.0</b>	2.1	-0.05	2.1 *	-0.09	2.1 *	-0.08
		2	Some	222	36	5,226	33	20,886	33	75,913	34							
		3	Quite a bit	115	19	3,107	20	13,038	20	46,120	20							
		4	Very much	58	10	1,784	11	7,959	13	26,377	12							
		Total		614	100	15,741	100	62,655	100	222,391	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	114	19	2,502	16	11,126	19	32,307	16	<b>2.4</b>	2.6 ***	-0.17	2.5 **	-0.13	2.6 ***	-0.22
		2	Some	219	36	4,874	31	17,638	28	61,730	28							
		3	Quite a bit	186	30	5,080	32	20,499	32	76,183	34							
		4	Very much	95	15	3,244	21	13,252	20	51,607	23							
		Total		614	100	15,700	100	62,515	100	221,827	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	140	23	3,296	21	13,123	22	43,051	21	<b>2.3</b>	2.4	-0.07	2.4 *	-0.09	2.4 **	-0.11
		2	Some	225	37	5,712	37	20,938	34	77,029	35							
		3	Quite a bit	166	27	4,311	28	18,033	28	64,998	29							
		4	Very much	79	13	2,357	15	10,267	16	36,270	16							
		Total		610	100	15,676	100	62,361	100	221,348	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 2016 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 2015 & 2016		CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	1	0	51	0	264	0	827	0	<b>15.4</b>	15.0	.05	14.5 ** △	.11	14.9	.06	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	70	11	2,095	14	8,969	15	30,199	14								
	8	6-10 hrs	155	25	3,723	23	15,149	24	51,897	23									
	13	11-15 hrs	109	18	3,092	20	12,675	20	44,656	20									
	18	16-20 hrs	112	19	2,771	18	10,887	17	38,947	17									
	23	21-25 hrs	73	12	1,600	10	6,380	10	23,340	10									
	28	26-30 hrs	36	6	1,002	6	3,813	6	14,288	6									
	33	More than 30 hrs	52	9	1,421	9	4,563	7	18,356	8									
	Total			608	100	15,755	100	62,700	100	222,510	100								
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	236	39	7,885	50	29,170	49	93,413	45	<b>5.1</b>	4.1 *** △	.17	4.3 ** △	.12	4.7	.07	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	197	33	4,110	26	16,643	26	62,668	27								
	8	6-10 hrs	70	12	1,652	11	7,157	11	28,917	12									
	13	11-15 hrs	41	7	869	6	3,853	6	15,668	7									
	18	16-20 hrs	25	4	581	4	2,633	4	10,152	4									
	23	21-25 hrs	14	2	271	2	1,330	2	5,002	2									
	28	26-30 hrs	10	2	108	1	647	1	2,256	1									
	33	More than 30 hrs	10	2	183	1	942	1	3,312	1									
	Total			603	100	15,659	100	62,375	100	221,388	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	455	75	11,735	75	45,867	75	152,862	72	<b>3.3</b>	3.5	-.02	3.2	.02	3.7	-.05	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	23	4	470	3	2,862	4	11,575	4								
	8	6-10 hrs	26	4	814	5	4,725	7	20,119	8									
	13	11-15 hrs	32	5	869	5	3,587	5	14,729	6									
	18	16-20 hrs	61	10	1,294	8	3,306	5	13,673	6									
	23	21-25 hrs	10	2	233	2	969	2	4,171	2									
	28	26-30 hrs	0	0	110	1	402	1	1,663	1									
	33	More than 30 hrs	2	0	166	1	755	1	2,887	1									
	Total			609	100	15,691	100	62,473	100	221,679	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 2016 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 2015 & 2016								Your seniors compared with						
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	301	50	6,339	40	23,602	37	96,059	42	<b>9.5</b>	12.7 *** ▼	-.24	14.3 *** ▼	-.35	12.7 *** ▼	-.23
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	28	5	762	5	2,945	4	11,289	5							
		8	6-10 hrs	58	9	969	6	4,023	6	14,111	6							
		13	11-15 hrs	32	5	1,002	6	4,138	6	14,256	6							
		18	16-20 hrs	56	9	1,682	11	5,732	9	19,085	9							
		23	21-25 hrs	41	7	1,294	8	4,480	7	14,765	7							
		28	26-30 hrs	29	5	989	6	3,468	6	10,883	5							
		33	More than 30 hrs	63	10	2,574	17	13,869	24	40,358	20							
	Total			608	100	15,611	100	62,257	100	220,806	100							
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)									<b>12.9</b>	16.1 *** ▼	-.24	17.4 *** ▼	-.34	16.3 *** ▼	-.25
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	308	51	7,550	49	29,617	48	104,582	49	<b>3.2</b>	3.6	-.07	3.3	-.02	3.2	.00
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	192	31	4,799	30	21,882	34	79,593	35							
		8	6-10 hrs	60	10	1,607	10	5,272	9	18,393	8							
		13	11-15 hrs	18	3	729	5	2,297	4	7,798	4							
		18	16-20 hrs	16	2	475	3	1,501	2	4,871	2							
		23	21-25 hrs	6	1	190	1	575	1	2,064	1							
		28	26-30 hrs	2	0	89	1	285	0	970	0							
	33	More than 30 hrs	6	1	153	1	630	1	1,994	1								
	Total			608	100	15,592	100	62,059	100	220,265	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	15	3	520	3	2,140	4	6,602	3	<b>11.9</b>	10.4 *** ▲	.19	10.1 *** ▲	.23	10.5 *** ▲	.18
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	162	26	4,768	30	19,164	31	63,455	29							
		8	6-10 hrs	145	24	4,392	28	17,668	28	62,767	28							
		13	11-15 hrs	111	18	2,638	17	10,442	16	39,151	17							
		18	16-20 hrs	73	12	1,629	11	6,320	10	24,428	11							
		23	21-25 hrs	47	8	723	5	2,899	5	10,824	5							
		28	26-30 hrs	14	2	341	2	1,343	2	5,103	2							
	33	More than 30 hrs	38	7	654	4	2,332	4	8,750	4								
	Total			605	100	15,665	100	62,308	100	221,080	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 2016 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 2015 & 2016								Your seniors compared with												
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016									
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>						
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	424	71	8,900	57	36,066	56	139,686	61	<b>4.8</b>	6.5 *** ▽	-0.15	7.9 *** ▽	-0.25	6.7 *** ▽	-0.17						
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	52	9	2,176	14	7,302	12	23,888	11													
	8	6-10 hrs	26	4	1,113	7	3,588	6	11,393	5														
	13	11-15 hrs	19	3	681	4	2,319	4	7,460	4														
	18	16-20 hrs	16	3	567	4	2,044	4	6,349	3														
	23	21-25 hrs	3	1	286	2	1,133	2	3,497	2														
	28	26-30 hrs	7	1	210	1	856	1	2,693	1														
	33	More than 30 hrs	55	9	1,692	10	8,936	15	25,905	13														
	Total		602	100	15,625	100	62,244	100	220,871	100														
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	49	8	1,336	8	15,012	24	49,918	21	<b>5.1</b>	6.0 *** ▽	-0.15	4.8	.04	4.8	.05						
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	393	64	8,685	55	30,859	49	114,990	51													
	8	6-10 hrs	105	17	3,522	23	10,095	17	35,225	17														
	13	11-15 hrs	37	6	1,108	7	3,291	6	11,208	5														
	18	16-20 hrs	11	2	487	3	1,469	3	4,650	2														
	23	21-25 hrs	5	1	179	1	597	1	1,926	1														
	28	26-30 hrs	1	0	111	1	295	0	1,022	1														
	33	More than 30 hrs	7	1	260	2	892	2	2,819	1														
	Total		608	100	15,688	100	62,510	100	221,758	100														
<b>16. 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	88	14	1,785	12	6,797	11	27,872	13	<b>2.9</b>	3.0 ** ▽	-0.11	3.0 *	-0.10	2.9	-0.04							
	2	Some	162	27	3,789	25	15,792	25	57,985	26														
	3	About half	161	26	4,289	27	18,509	30	61,675	28														
	4	Most	135	22	3,920	25	14,845	24	51,306	23														
	5	Almost all	62	10	1,856	12	6,459	10	22,688	10														
	Total		608	100	15,639	100	62,402	100	221,526	100														
tmreadinghrs	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																	<b>7.4</b>	7.7	-0.04	7.5	-0.01	7.4	.01

\*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 2016 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 2015 & 2016		CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
	tmreadinghrscol	1	0 hrs	1	0	46	0	253	0	784	0								
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	267	43	6,737	44	27,870	45	100,354	46								
		3	More than 5, up to 10 hrs	194	33	4,681	30	18,586	30	65,482	29								
		4	More than 10, up to 15 hrs	71	12	1,789	11	7,132	11	24,496	11								
		5	More than 15, up to 20 hrs	32	5	1,099	7	3,991	6	14,243	6								
		6	More than 20, up to 25 hrs	18	3	837	5	2,959	5	10,441	5								
		7	More than 25 hrs	21	3	380	2	1,294	2	4,642	2								
		Total			604	100	15,569	100	62,085	100	220,442	100							

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

a. Writing clearly and effectively	pgwrite	1	Very little	43	7	918	6	3,222	6	12,495	6	<b>2.9</b>	3.0 ***	-0.16	3.1 ***	-0.20	3.0 ***	-0.15
		2	Some	154	25	3,188	20	12,035	19	45,592	21							
		3	Quite a bit	232	38	5,874	38	23,097	37	81,676	36							
		4	Very much	182	29	5,702	36	24,150	38	82,040	37							
		Total		611	100	15,682	100	62,504	100	221,803	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	54	9	1,248	8	4,620	8	16,841	8	<b>2.9</b>	2.9	-0.03	3.0	-0.07	2.9	-0.04
		2	Some	146	24	3,724	24	13,453	22	49,731	23							
		3	Quite a bit	222	36	5,679	36	22,577	36	80,302	36							
		4	Very much	187	31	4,982	32	21,658	34	74,208	33							
		Total		609	100	15,633	100	62,308	100	221,082	100							
c. Thinking critically and analytically	pgthink	1	Very little	16	3	460	3	1,562	3	5,405	3	<b>3.3</b>	3.3	.00	3.3	-0.05	3.3	-0.05
		2	Some	90	14	2,126	14	7,763	13	27,355	13							
		3	Quite a bit	223	37	5,757	37	22,377	36	79,275	36							
		4	Very much	281	46	7,270	46	30,590	49	109,020	49							
		Total		610	100	15,613	100	62,292	100	221,055	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	57	9	1,614	10	7,175	11	24,540	11	<b>2.9</b>	2.9	.03	2.8 *	.09	2.8	.05
		2	Some	166	27	3,997	25	17,101	27	59,038	26							
		3	Quite a bit	188	31	5,199	34	19,738	32	69,634	32							
		4	Very much	199	34	4,813	31	18,235	30	67,744	31							
		Total		610	100	15,623	100	62,249	100	220,956	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 2016 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 2015 & 2016								Your seniors compared with							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	59	10	1,653	11	5,048	9	18,930	9	<b>2.9</b>	2.8 *	.08	3.0	-.03	2.9	-.01	
		2	Some	138	23	3,959	25	13,448	22	49,444	23								Δ
		3	Quite a bit	193	32	5,017	32	20,846	33	73,389	33								
		4	Very much	214	36	5,011	32	22,998	36	79,492	35								
		Total		604	100	15,640	100	62,340	100	221,255	100								
f. Working effectively with others	pgothers	1	Very little	25	4	917	6	3,239	6	11,208	6	<b>3.1</b>	3.0 **	.11	3.0	.07	3.0	.08	
		2	Some	130	21	3,425	22	12,407	21	45,071	21								Δ
		3	Quite a bit	205	34	5,673	37	22,733	36	81,480	36								
		4	Very much	249	41	5,597	35	23,810	37	83,017	37								
		Total		609	100	15,612	100	62,189	100	220,776	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	80	13	2,102	14	6,430	11	24,358	12	<b>2.7</b>	2.8	-.04	2.9 ***	-.14	2.8 **	-.11	
		2	Some	173	29	3,978	26	14,389	24	52,873	25								▽
		3	Quite a bit	187	31	4,931	31	20,283	32	71,556	32								
		4	Very much	170	27	4,623	29	21,177	33	72,222	32								
		Total		610	100	15,634	100	62,279	100	221,009	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	71	12	1,595	11	6,186	11	23,052	11	<b>2.8</b>	2.9 *	-.09	2.9 *	-.09	2.8	-.06	
		2	Some	168	28	3,914	25	15,863	26	58,480	26								▽
		3	Quite a bit	196	32	5,046	32	20,218	32	71,463	32								
		4	Very much	174	28	5,075	32	20,005	32	68,023	31								
		Total		609	100	15,630	100	62,272	100	221,018	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	60	10	1,731	11	5,985	10	21,043	10	<b>2.8</b>	2.8	.04	2.8	.00	2.8	.00	
		2	Some	164	26	4,241	27	16,420	27	58,711	27								
		3	Quite a bit	216	36	5,314	34	21,398	34	76,587	34								
		4	Very much	168	28	4,320	28	18,406	29	64,489	29								
		Total		608	100	15,606	100	62,209	100	220,830	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	75	12	2,306	15	7,746	13	29,420	14	<b>2.7</b>	2.7	.02	2.7	-.04	2.7	.00	
		2	Some	192	32	4,511	29	17,604	28	64,148	29								
		3	Quite a bit	191	31	4,842	31	19,861	31	69,736	31								
		4	Very much	152	25	3,874	25	16,733	27	56,659	26								
		Total		610	100	15,533	100	61,944	100	219,963	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 2016 Frequencies and Statistical Comparisons

## California State University-Chico

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
												<i>Your seniors compared with</i>							
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>18. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	17	3	451	3	1,432	3	5,104	3	<b>3.2</b>	3.2	.07	3.3	-.06	3.3	-.05	
		2	Fair	72	12	2,111	13	6,631	11	24,220	12								
		3	Good	274	45	7,481	47	27,190	43	96,388	44								
		4	Excellent	245	40	5,669	36	27,262	43	96,186	42								
			Total	608	100	15,712	100	62,515	100	221,898	100								
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																			
	sameinst	1	Definitely no	31	5	763	5	3,004	5	10,474	5	<b>3.2</b>	3.2 *	.09	3.2	.04	3.2	.03	
		2	Probably no	64	11	2,168	14	8,013	13	28,252	13								
		3	Probably yes	235	39	6,512	41	23,865	38	84,615	38								
		4	Definitely yes	277	45	6,283	40	27,722	44	98,805	44								
			Total	607	100	15,726	100	62,604	100	222,146	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 2016 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 2015 & 2016	CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016	CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:			
														Far West Public	Carnegie Class	NSSE 2015 & 2016	Far West Public	Carnegie Class	NSSE 2015 & 2016	Far West Public	Carnegie Class	NSSE 2015 & 2016	
1 a. askquest	373	2.69	2.72	2.91	2.87	.045	.011	.005	.003	.87	.84	.85	.86	5,806	382	374	.566	.000	.000	-.03	-.25	-.21	
b. drafts	369	2.28	2.61	2.59	2.54	.049	.013	.006	.003	.93	.96	.98	.99	423	380	371	.000	.000	.000	-.35	-.32	-.26	
c. unpreparedr	371	2.91	2.95	3.08	3.03	.039	.011	.005	.003	.75	.78	.78	.78	5,745	25,026	92,180	.415	.000	.005	-.04	-.21	-.15	
d. attendart	361	1.74	1.83	1.94	1.96	.041	.012	.006	.003	.78	.88	.94	.94	424	376	364	.036	.000	.000	-.10	-.21	-.23	
e. CLaskhelp	363	2.58	2.65	2.51	2.58	.042	.012	.006	.003	.81	.86	.91	.89	5,677	376	366	.118	.080	.942	-.08	.08	.00	
f. CLexplain	360	2.73	2.72	2.63	2.71	.042	.011	.005	.003	.79	.80	.85	.83	5,663	372	362	.768	.021	.577	.02	.12	.03	
g. CLstudy	359	2.53	2.55	2.45	2.54	.051	.013	.006	.003	.97	.95	.98	.98	5,655	24,668	90,761	.761	.147	.904	-.02	.08	-.01	
h. CLproject	356	2.73	2.64	2.56	2.63	.046	.012	.006	.003	.86	.84	.90	.88	5,618	24,520	90,270	.045	.000	.032	.11	.19	.11	
i. present	354	2.45	2.40	2.32	2.30	.046	.012	.006	.003	.87	.90	.92	.91	5,606	24,421	89,891	.245	.005	.001	.06	.15	.17	
2 a. RIntegrate	349	2.67	2.66	2.63	2.65	.045	.012	.006	.003	.85	.85	.86	.86	5,486	23,843	87,524	.852	.488	.691	.01	.04	.02	
b. RIsocietal	344	2.66	2.65	2.63	2.62	.046	.012	.006	.003	.85	.86	.87	.87	5,448	23,619	86,761	.893	.552	.437	.01	.03	.04	
c. RIdiverse	343	2.59	2.62	2.60	2.59	.049	.012	.006	.003	.90	.89	.89	.90	5,428	23,554	86,535	.639	.903	.901	-.03	-.01	.01	
d. Rlownview	341	2.74	2.79	2.79	2.79	.043	.011	.005	.003	.80	.81	.82	.82	5,407	23,473	86,136	.236	.251	.272	-.07	-.06	-.06	
e. Rlperspect	336	2.89	2.91	2.90	2.89	.045	.011	.005	.003	.83	.81	.82	.82	5,387	23,370	85,801	.568	.741	.871	-.03	-.02	-.01	
f. Rlnewview	328	2.87	2.89	2.87	2.86	.045	.011	.005	.003	.82	.80	.81	.81	5,363	23,263	85,410	.647	.954	.824	-.03	.00	.01	
g. Rlconnect	326	3.05	3.05	3.05	3.06	.042	.011	.005	.003	.76	.76	.77	.77	5,338	23,168	85,042	.922	.998	.939	.01	.00	.00	
3 a. SFcareer	327	2.11	2.12	2.23	2.22	.048	.013	.006	.003	.87	.91	.92	.91	5,336	336	329	.809	.012	.018	-.01	-.13	-.13	
b. SFotherwork	328	1.70	1.69	1.74	1.75	.050	.013	.006	.003	.91	.89	.92	.92	5,320	23,067	84,769	.773	.399	.294	.02	-.05	-.06	
c. SFdiscuss	325	1.89	1.92	1.99	2.00	.048	.013	.006	.003	.87	.89	.91	.90	5,301	23,009	84,568	.545	.059	.033	-.03	-.11	-.12	
d. SFperform	324	2.02	2.05	2.14	2.13	.052	.012	.006	.003	.93	.87	.89	.89	5,296	22,956	84,405	.540	.012	.017	-.04	-.14	-.13	
4 a. memorize	321	2.86	3.00	2.94	2.94	.044	.011	.005	.003	.79	.80	.83	.82	5,297	23,007	84,544	.003	.102	.097	-.17	-.09	-.09	
b. HOapply	322	2.75	2.90	2.94	2.96	.045	.012	.005	.003	.80	.81	.81	.81	5,265	22,888	84,144	.001	.000	.000	-.19	-.24	-.26	
c. HOanalyze	320	2.79	2.94	2.95	2.96	.049	.012	.006	.003	.87	.82	.83	.83	357	327	321	.002	.001	.000	-.19	-.20	-.21	
d. HOevaluate	317	2.76	2.96	2.94	2.92	.048	.011	.005	.003	.85	.80	.82	.83	353	324	318	.000	.000	.001	-.24	-.22	-.19	
e. HOform	315	2.80	2.90	2.91	2.90	.048	.012	.006	.003	.84	.83	.83	.83	5,213	22,710	83,479	.040	.021	.044	-.12	-.13	-.11	
5 a. ETgoals	317	3.06	3.08	3.13	3.11	.047	.011	.005	.003	.83	.78	.78	.78	5,264	22,839	83,969	.642	.075	.247	-.03	-.10	-.07	
b. ETorganize	316	2.97	3.02	3.07	3.06	.046	.011	.005	.003	.81	.81	.81	.80	5,248	22,775	83,752	.315	.024	.053	-.06	-.13	-.11	
c. ETexample	314	3.00	3.04	3.07	3.06	.048	.012	.006	.003	.85	.83	.83	.83	5,239	22,730	83,571	.404	.141	.201	-.05	-.08	-.07	
d. ETdraftfb	313	2.66	2.88	2.91	2.85	.049	.013	.006	.003	.88	.91	.91	.92	5,222	22,706	83,514	.000	.000	.000	-.25	-.28	-.21	
e. ETfeedback	311	2.61	2.75	2.83	2.78	.051	.013	.006	.003	.90	.92	.91	.91	5,207	22,641	83,269	.012	.000	.001	-.15	-.25	-.18	

# NSSE 2016 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 2015 & 2016	CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016	CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:			
														Far West Public	Carnegie Class	NSSE 2015 & 2016	Far West Public	Carnegie Class	NSSE 2015 & 2016	Far West Public	Carnegie Class	NSSE 2015 & 2016	
6 a. QRconclude	313	2.50	2.55	2.56	2.59	.051	.013	.006	.003	.90	.90	.92	.92	5,246	22,783	83,760	.276	.212	.084	-.06	-.07	-.10	
b. QRproblem	314	2.24	2.30	2.31	2.31	.050	.013	.006	.003	.88	.92	.94	.94	357	322	315	.246	.137	.112	-.07	-.08	-.08	
c. QRevaluate	316	2.21	2.28	2.28	2.30	.049	.013	.006	.003	.87	.90	.91	.91	5,216	325	317	.178	.178	.079	-.08	-.07	-.09	
7 a. wrshortnum	269	5.96	6.55	6.88	6.82	.355	.081	.040	.021	5.82	5.41	5.74	5.75	4,772	20,811	76,390	.084	.009	.014	-.11	-.16	-.15	
b. wrmednum	262	2.09	2.39	2.27	2.23	.218	.048	.022	.012	3.53	3.20	3.15	3.14	4,655	20,269	74,355	.135	.360	.446	-.10	-.06	-.05	
c. wrlongnum	261	1.03	.92	.87	.86	.205	.044	.019	.010	3.32	2.86	2.73	2.69	4,536	265	262	.519	.415	.401	.04	.06	.06	
— wrpages	257	47.68	50.04	49.70	49.24	4.930	.999	.462	.236	79.11	64.89	64.13	63.10	4,472	261	258	.576	.685	.753	-.04	-.03	-.02	
8 a. DDrace	268	3.12	3.13	3.03	3.07	.053	.013	.006	.003	.87	.90	.93	.92	4,838	20,994	77,025	.773	.146	.418	-.02	.09	.05	
b. DDeconomic	269	3.03	3.03	3.01	3.05	.055	.014	.006	.003	.90	.91	.91	.90	4,821	20,913	76,754	.950	.752	.680	.00	.02	-.03	
c. DDreligion	269	2.95	2.97	2.96	2.98	.059	.014	.007	.003	.96	.95	.95	.95	4,826	20,920	76,703	.805	.953	.587	-.02	.00	-.03	
d. DDpolitical	268	2.89	2.85	2.93	2.97	.059	.014	.007	.003	.96	.97	.95	.94	4,807	20,842	269	.529	.460	.200	.04	-.05	-.08	
9 a. LSreading	266	2.98	3.08	3.12	3.11	.050	.011	.005	.003	.81	.75	.76	.77	4,810	20,792	76,308	.035	.002	.005	-.13	-.19	-.17	
b. LSnotes	264	2.86	2.87	2.95	2.93	.052	.013	.006	.003	.85	.89	.89	.90	4,786	20,743	76,125	.872	.106	.252	-.01	-.10	-.07	
c. LSsummary	267	2.67	2.74	2.86	2.84	.054	.013	.006	.003	.88	.89	.89	.89	4,762	20,593	75,483	.217	.000	.002	-.08	-.22	-.19	
10. challenge	267	5.33	5.46	5.54	5.53	.069	.017	.008	.004	1.13	1.13	1.17	1.17	4,792	20,742	76,089	.057	.003	.004	-.12	-.18	-.17	
11 a. intern <sup>l</sup>	263	.091	.076	.077	.087	.0177	.0039	.0019	.0010	--	--	--	--	--	--	--	.377	.405	.817	.05	.05	.01	
b. leader <sup>l</sup>	261	.095	.091	.106	.117	.0182	.0043	.0022	.0012	--	--	--	--	--	--	--	.824	.595	.279	.01	-.03	-.07	
c. learncom <sup>l</sup>	264	.082	.133	.133	.150	.0169	.0051	.0024	.0013	--	--	--	--	--	--	--	.015	.014	.002	-.17	-.17	-.22	
d. abroad <sup>l</sup>	262	.060	.029	.032	.035	.0146	.0025	.0012	.0007	--	--	--	--	--	--	--	.006	.012	.033	.15	.13	.12	
e. research <sup>l</sup>	262	.024	.047	.050	.055	.0095	.0032	.0015	.0008	--	--	--	--	--	--	--	.086	.055	.028	-.12	-.14	-.16	
f. capstone <sup>l</sup>	262	.036	.025	.027	.028	.0115	.0023	.0011	.0006	--	--	--	--	--	--	--	.268	.402	.445	.06	.05	.04	
12. servcourse	264	1.80	1.65	1.65	1.63	.040	.010	.005	.003	.65	.70	.69	.69	300	271	265	.000	.000	.000	.23	.23	.26	
13 a. QIstudent	261	5.34	5.37	5.47	5.49	.088	.021	.010	.005	1.42	1.42	1.42	1.39	4,745	20,385	74,926	.803	.163	.100	-.02	-.09	-.10	
b. QIadvisor	233	4.88	4.92	5.17	5.19	.118	.027	.012	.006	1.80	1.76	1.72	1.69	4,483	20,014	73,619	.730	.010	.005	-.02	-.17	-.18	
c. QIfaculty	252	5.16	4.94	5.31	5.28	.094	.024	.010	.005	1.50	1.58	1.47	1.45	4,639	20,206	74,189	.032	.113	.193	.14	-.10	-.08	
d. QIstaff	236	5.10	4.71	4.99	4.98	.105	.028	.013	.007	1.62	1.79	1.72	1.69	271	18,171	67,223	.000	.315	.277	.22	.07	.07	
e. QIadmin	236	5.10	4.67	4.96	4.92	.107	.027	.012	.006	1.64	1.76	1.72	1.71	266	19,292	70,118	.000	.215	.105	.24	.08	.11	
14 a. empstudy	244	2.97	3.14	3.16	3.18	.049	.012	.005	.003	.77	.76	.76	.76	4,476	19,308	70,899	.001	.000	.000	-.22	-.25	-.27	
b. SEacademic	239	2.98	3.02	3.08	3.09	.053	.013	.006	.003	.82	.84	.84	.83	4,436	19,118	70,306	.476	.066	.037	-.05	-.12	-.13	
c. SElearnsup	239	3.03	3.07	3.12	3.13	.054	.014	.006	.003	.83	.89	.89	.88	270	245	240	.564	.101	.078	-.04	-.10	-.11	



# NSSE 2016 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 2015 & 2016	CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016	CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:			
														Far West Public	Carnegie Class	NSSE 2015 & 2016	Far West Public	Carnegie Class	NSSE 2015 & 2016	Far West Public	Carnegie Class	NSSE 2015 & 2016	
d. SEdiverse	238	2.71	2.75	2.76	2.76	.061	.015	.007	.004	.94	.97	.98	.97	4,430	19,106	70,279	.554	.414	.410	-.04	-.05	-.05	
e. SEsocial	239	2.93	2.91	2.96	2.99	.054	.014	.007	.003	.84	.90	.91	.89	4,427	19,089	70,185	.824	.528	.290	.01	-.04	-.07	
f. SEwellness	237	2.88	2.94	2.92	2.95	.056	.014	.007	.003	.86	.91	.93	.91	4,417	19,051	70,030	.353	.517	.234	-.06	-.04	-.08	
g. SEnonacad	236	2.31	2.41	2.40	2.39	.061	.015	.007	.004	.94	.99	1.00	.99	266	242	237	.119	.146	.193	-.10	-.09	-.08	
h. SEactivities	236	2.76	2.76	2.79	2.86	.059	.015	.007	.004	.91	.95	.98	.95	4,402	18,999	69,816	.901	.631	.112	-.01	-.03	-.10	
i. SEevents	233	2.44	2.49	2.54	2.57	.064	.015	.007	.004	.97	.98	.99	.98	4,399	18,943	69,634	.423	.130	.048	-.05	-.10	-.13	
15 a. tmprephrs	237	13.69	13.18	13.65	14.30	.501	.125	.059	.032	7.71	8.07	8.15	8.35	4,429	19,078	238	.344	.936	.226	.06	.01	-.07	
b. tmcocurrhrs	236	4.58	4.30	5.10	5.46	.374	.098	.050	.026	5.75	6.31	6.78	6.87	4,397	243	237	.512	.165	.019	.04	-.08	-.13	
c. tmworkonhrs	234	1.80	1.95	2.19	2.39	.336	.082	.039	.021	5.14	5.27	5.35	5.57	4,407	18,997	235	.674	.263	.082	-.03	-.07	-.11	
d. tmworkoffhrs	237	3.79	5.44	6.65	5.70	.511	.146	.079	.038	7.86	9.43	10.78	10.07	276	247	238	.002	.000	.000	-.18	-.27	-.19	
— tmworkhrs	234	5.58	7.33	8.77	8.00	.658	.172	.087	.044	10.07	11.07	11.85	11.44	266	241	235	.011	.000	.000	-.16	-.27	-.21	
e. tmervicehrs	233	2.20	2.50	2.52	2.53	.291	.074	.034	.018	4.45	4.74	4.69	4.68	4,371	18,859	69,195	.351	.302	.281	-.06	-.07	-.07	
f. tmrelaxhrs	235	12.38	12.02	11.83	12.12	.523	.134	.062	.032	8.02	8.65	8.53	8.49	266	18,938	69,501	.503	.324	.633	.04	.06	.03	
g. tmcarehrs	233	1.87	3.21	3.92	3.28	.319	.104	.063	.030	4.87	6.72	8.57	7.84	284	250	236	.000	.000	.000	-.20	-.24	-.18	
h. tmcommutehrs	236	4.77	5.16	3.74	3.80	.347	.093	.042	.022	5.33	5.99	5.70	5.70	4,405	18,968	69,645	.326	.006	.010	-.07	.18	.17	
16. reading	235	2.99	2.86	2.85	2.80	.072	.017	.008	.004	1.11	1.12	1.09	1.10	4,373	18,907	69,439	.090	.056	.010	.11	.13	.17	
— tmreadinghrs	235	6.82	6.37	6.66	6.74	.368	.089	.043	.023	5.65	5.72	5.88	5.92	4,349	18,818	69,090	.239	.673	.837	.08	.03	.01	
17 a. pgwrite	237	2.65	2.92	2.91	2.85	.056	.013	.006	.003	.85	.86	.88	.89	263	18,931	69,543	.000	.000	.001	-.31	-.30	-.22	
b. pgspeak	234	2.76	2.82	2.75	2.69	.054	.014	.007	.004	.83	.90	.93	.94	4,394	240	235	.357	.811	.193	-.06	.01	.08	
c. pgthink	236	3.06	3.08	3.10	3.08	.052	.012	.006	.003	.79	.81	.82	.82	4,393	18,882	69,337	.724	.445	.625	-.02	-.05	-.03	
d. pganalyze	237	2.50	2.65	2.60	2.62	.061	.014	.007	.004	.94	.93	.97	.97	4,384	18,856	69,224	.017	.091	.042	-.16	-.11	-.13	
e. pgwork	237	2.53	2.47	2.62	2.62	.062	.015	.007	.004	.96	.98	.97	.97	4,389	18,876	69,299	.326	.155	.187	.07	-.09	-.09	
f. pgothers	235	2.87	2.82	2.85	2.84	.056	.014	.007	.003	.85	.89	.90	.90	264	241	236	.426	.762	.558	.05	.02	.04	
g. pgvalues	237	2.60	2.66	2.73	2.71	.062	.015	.007	.004	.95	.96	.96	.97	4,390	18,875	69,222	.339	.033	.085	-.06	-.14	-.11	
h. pgdiverse	237	2.78	2.81	2.78	2.77	.061	.014	.007	.004	.94	.93	.96	.96	4,392	18,873	69,254	.632	.953	.759	-.03	.00	.02	
i. pgprobsolve	237	2.61	2.59	2.64	2.63	.059	.015	.007	.004	.91	.94	.95	.95	4,389	18,852	69,201	.747	.686	.736	.02	-.03	-.02	
j. pgcitizen	237	2.61	2.59	2.65	2.63	.059	.015	.007	.004	.90	.95	.96	.96	4,379	18,773	68,904	.721	.589	.824	.02	-.04	-.01	
18. evalexp	240	3.10	3.08	3.20	3.20	.045	.011	.005	.003	.70	.71	.73	.73	4,415	246	241	.672	.026	.021	.03	-.14	-.14	
19. sameinst	242	3.11	3.12	3.21	3.21	.055	.012	.006	.003	.86	.79	.81	.81	4,425	18,979	69,671	.891	.063	.044	-.01	-.12	-.13	

# NSSE 2016 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 2015 & 2016	CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016	CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:			
														Far West Public	Carnegie Class	NSSE 2015 & 2016	Far West Public	Carnegie Class	NSSE 2015 & 2016	Far West Public	Carnegie Class	NSSE 2015 & 2016	
1 a. askquest	844	3.07	3.03	3.22	3.15	.030	.008	.004	.002	.87	.88	.84	.86	14,327	49,693	179,643	.249	.000	.006	.04	-.18	-.09	
b. drafts	836	2.29	2.49	2.50	2.45	.034	.009	.005	.002	.99	1.01	1.03	1.03	948	867	844	.000	.000	.000	-.20	-.21	-.16	
c. unpreparedr	827	2.88	2.89	3.04	2.99	.026	.007	.004	.002	.74	.82	.80	.81	956	48,971	177,024	.614	.000	.000	-.02	-.20	-.13	
d. attendart	823	1.73	1.78	1.81	1.84	.028	.008	.004	.002	.81	.89	.93	.92	949	860	832	.139	.007	.000	-.05	-.08	-.11	
e. CLaskhelp	827	2.59	2.49	2.35	2.41	.030	.008	.004	.002	.85	.90	.91	.91	946	48,633	834	.002	.000	.000	.10	.26	.19	
f. CLexplain	828	2.87	2.80	2.69	2.74	.028	.007	.004	.002	.80	.84	.88	.86	944	862	836	.012	.000	.000	.09	.21	.15	
g. CLstudy	819	2.64	2.54	2.41	2.47	.032	.009	.005	.002	.92	.99	1.02	1.01	940	853	828	.005	.000	.000	.09	.23	.17	
h. CLproject	820	3.03	2.95	2.77	2.87	.030	.008	.004	.002	.85	.89	.96	.93	934	855	828	.008	.000	.000	.09	.27	.18	
i. present	820	2.81	2.76	2.71	2.70	.033	.008	.005	.002	.94	.96	1.00	.98	931	851	827	.196	.004	.001	.05	.10	.11	
2 a. RIntegrate	783	3.04	3.02	2.98	2.99	.029	.007	.004	.002	.82	.83	.84	.84	13,592	47,139	169,909	.595	.088	.092	.02	.06	.06	
b. RIsocietal	778	2.85	2.88	2.89	2.85	.031	.008	.004	.002	.86	.90	.89	.90	13,507	46,746	168,542	.268	.184	.856	-.04	-.05	-.01	
c. RIdiverse	777	2.56	2.69	2.72	2.67	.035	.009	.004	.002	.97	.96	.95	.96	13,483	46,690	168,282	.000	.000	.002	-.13	-.17	-.11	
d. Rlownview	777	2.79	2.88	2.90	2.87	.031	.008	.004	.002	.86	.85	.84	.84	13,455	801	167,725	.005	.001	.006	-.10	-.13	-.10	
e. Rlperspect	773	2.95	3.00	2.99	2.97	.030	.007	.004	.002	.84	.83	.82	.83	13,419	46,417	167,153	.108	.184	.498	-.06	-.05	-.02	
f. RInewview	771	2.96	3.00	2.98	2.96	.029	.007	.004	.002	.80	.81	.80	.81	13,386	46,313	166,666	.182	.494	.875	-.05	-.02	-.01	
g. Rlconnect	764	3.24	3.24	3.24	3.23	.026	.007	.003	.002	.72	.75	.74	.75	13,324	46,125	165,998	.967	.884	.650	.00	-.01	.02	
3 a. SFcareer	761	2.42	2.33	2.42	2.40	.035	.009	.005	.002	.96	.96	.99	.98	13,358	46,132	166,075	.019	.902	.693	.09	.00	.01	
b. SFotherwork	760	1.97	1.89	1.92	1.93	.037	.009	.005	.003	1.01	1.02	1.03	1.03	13,297	785	165,501	.042	.170	.328	.08	.05	.04	
c. SFdiscuss	757	2.23	2.13	2.17	2.17	.034	.009	.005	.002	.93	.96	.98	.97	13,296	785	165,287	.005	.051	.065	.11	.07	.07	
d. SFperform	756	2.24	2.17	2.23	2.20	.033	.008	.004	.002	.91	.92	.95	.93	13,285	783	164,969	.043	.847	.282	.08	.01	.04	
4 a. memorize	751	2.78	2.86	2.73	2.74	.032	.008	.004	.002	.88	.89	.91	.91	13,298	777	757	.014	.134	.150	-.09	.05	.05	
b. HOapply	754	3.03	3.12	3.13	3.12	.029	.007	.004	.002	.81	.82	.80	.80	849	45,781	164,814	.004	.001	.002	-.11	-.13	-.11	
c. HOanalyze	743	2.99	3.10	3.11	3.09	.030	.008	.004	.002	.81	.84	.83	.83	840	768	749	.001	.000	.001	-.13	-.14	-.12	
d. HOevaluate	749	2.83	2.97	3.03	2.97	.032	.008	.004	.002	.87	.87	.85	.87	13,197	772	164,171	.000	.000	.000	-.16	-.23	-.16	
e. HOform	745	2.90	2.98	3.02	2.98	.031	.008	.004	.002	.85	.86	.84	.85	13,164	45,512	163,814	.012	.000	.006	-.09	-.14	-.10	
5 a. ETgoals	751	3.17	3.17	3.21	3.17	.028	.007	.004	.002	.77	.78	.78	.78	13,274	776	164,879	.874	.163	.918	-.01	-.05	.00	
b. ETorganize	751	3.12	3.08	3.15	3.12	.029	.007	.004	.002	.79	.81	.80	.80	13,238	45,702	164,479	.265	.363	.967	.04	-.03	.00	
c. ETexample	749	3.19	3.13	3.15	3.13	.028	.007	.004	.002	.77	.83	.84	.83	13,214	778	756	.042	.119	.019	.08	.05	.08	
d. ETdraftfb	751	2.77	2.77	2.86	2.79	.035	.009	.005	.002	.95	.97	.97	.98	13,209	45,601	164,126	.961	.015	.638	.00	-.09	-.02	
e. ETfeedback	749	2.77	2.80	2.92	2.87	.033	.008	.004	.002	.91	.93	.91	.91	13,182	45,465	163,586	.350	.000	.003	-.04	-.17	-.11	

# NSSE 2016 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 2015 & 2016	CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016	CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:			
														Far West Public	Carnegie Class	NSSE 2015 & 2016	Far West Public	Carnegie Class	NSSE 2015 & 2016	Far West Public	Carnegie Class	NSSE 2015 & 2016	
6 a. QRconclude	751	2.70	2.68	2.64	2.66	.034	.008	.004	.002	.92	.94	.95	.95	13,256	777	757	.456	.052	.228	.03	.07	.04	
b. QRproblem	745	2.50	2.46	2.45	2.45	.035	.009	.005	.002	.94	.98	.97	.98	13,221	45,615	164,255	.253	.119	.122	.04	.06	.06	
c. QRevaluate	749	2.46	2.47	2.42	2.44	.033	.008	.004	.002	.91	.95	.95	.95	849	775	755	.667	.209	.628	-.02	.04	.02	
7 a. wrshortnum	671	7.50	7.72	8.10	7.86	.260	.063	.034	.018	6.74	6.72	6.83	6.80	12,047	41,761	150,257	.413	.026	.182	-.03	-.09	-.05	
b. wrmednum	659	3.19	3.82	3.87	3.69	.162	.042	.022	.012	4.16	4.42	4.52	4.45	11,910	684	665	.000	.000	.002	-.14	-.15	-.11	
c. wrlongnum	649	1.68	2.21	2.06	2.02	.142	.038	.019	.010	3.62	3.96	3.74	3.71	742	671	654	.000	.009	.017	-.13	-.10	-.09	
— wrpages	639	71.69	84.12	83.27	80.86	3.592	.899	.459	.239	90.80	93.06	90.63	89.96	720	659	142,405	.001	.001	.010	-.13	-.13	-.10	
8 a. DDrace	672	3.09	3.25	3.10	3.11	.035	.008	.005	.002	.91	.88	.93	.92	12,422	42,926	154,159	.000	.776	.476	-.18	-.01	-.03	
b. DDeconomic	669	3.07	3.17	3.09	3.10	.034	.008	.004	.002	.88	.88	.90	.89	12,387	42,798	153,686	.004	.694	.410	-.11	-.02	-.03	
c. DDreligion	669	2.97	3.09	3.02	3.02	.035	.009	.005	.002	.91	.94	.94	.94	752	42,756	153,504	.000	.183	.123	-.14	-.05	-.06	
d. DDpolitical	666	2.98	3.02	3.02	3.03	.035	.009	.005	.002	.91	.95	.93	.93	752	42,550	152,891	.323	.261	.194	-.04	-.04	-.05	
9 a. LSreading	675	3.13	3.23	3.24	3.21	.031	.007	.004	.002	.79	.79	.78	.79	753	42,669	153,239	.003	.000	.009	-.12	-.14	-.10	
b. LSnotes	675	2.90	2.88	2.93	2.88	.035	.009	.005	.002	.91	.94	.94	.94	760	42,549	680	.647	.432	.524	.02	-.03	.02	
c. LSsummary	666	2.76	2.85	2.94	2.89	.035	.009	.004	.002	.89	.93	.91	.92	12,217	42,178	151,502	.020	.000	.000	-.09	-.20	-.14	
10. challenge	672	5.50	5.68	5.72	5.66	.046	.011	.006	.003	1.19	1.20	1.21	1.21	12,306	42,539	152,687	.000	.000	.001	-.15	-.18	-.13	
11 a. intern <sup>l</sup>	669	.481	.459	.467	.500	.0193	.0046	.0024	.0013	--	--	--	--	--	--	--	.267	.456	.326	.04	.03	-.04	
b. leader <sup>l</sup>	666	.333	.293	.318	.354	.0183	.0042	.0023	.0012	--	--	--	--	--	--	--	.026	.419	.269	.09	.03	-.04	
c. learncom <sup>l</sup>	663	.234	.230	.233	.242	.0164	.0039	.0021	.0011	--	--	--	--	--	--	--	.838	.948	.608	.01	.00	-.02	
d. abroad <sup>l</sup>	665	.085	.108	.114	.138	.0108	.0029	.0016	.0009	--	--	--	--	--	--	--	.056	.019	.000	-.08	-.10	-.17	
e. research <sup>l</sup>	660	.186	.215	.211	.237	.0152	.0038	.0020	.0011	--	--	--	--	--	--	--	.085	.130	.002	-.07	-.06	-.12	
f. capstone <sup>l</sup>	664	.526	.412	.455	.458	.0194	.0046	.0024	.0013	--	--	--	--	--	--	--	.000	.000	.000	.23	.14	.14	
12. servcourse	666	1.82	1.76	1.78	1.74	.027	.006	.003	.002	.71	.70	.71	.71	12,181	42,199	151,495	.030	.154	.005	.09	.06	.11	
13 a. Qlstudent	666	5.67	5.66	5.69	5.66	.052	.012	.007	.003	1.33	1.30	1.32	1.32	12,190	41,908	150,501	.782	.754	.915	.01	-.01	.00	
b. Qladvisor	644	5.20	5.07	5.27	5.22	.070	.017	.009	.005	1.79	1.78	1.78	1.77	11,951	41,566	149,675	.069	.349	.750	.07	-.04	-.01	
c. Qlfaculty	664	5.61	5.44	5.61	5.54	.053	.013	.007	.004	1.36	1.44	1.39	1.39	12,120	41,737	150,039	.003	.973	.226	.12	.00	.05	
d. Qlstaff	545	5.02	4.82	4.94	4.89	.073	.018	.010	.005	1.71	1.78	1.78	1.75	616	564	123,026	.009	.301	.096	.11	.04	.07	
e. Qladmin	624	5.00	4.80	4.96	4.88	.067	.017	.009	.005	1.67	1.74	1.75	1.75	703	40,118	629	.004	.565	.061	.12	.02	.07	
14 a. empstudy	625	3.09	3.17	3.16	3.17	.031	.007	.004	.002	.78	.77	.77	.77	695	40,404	145,151	.007	.025	.010	-.11	-.09	-.10	
b. SEacademic	620	2.89	2.90	2.98	2.96	.035	.008	.004	.002	.87	.87	.87	.86	11,567	40,069	143,974	.711	.016	.057	-.02	-.10	-.08	
c. SElearnsup	619	2.75	2.83	2.90	2.88	.039	.009	.005	.002	.97	.94	.94	.93	11,584	636	622	.047	.000	.001	-.08	-.15	-.14	

# NSSE 2016 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 2015 & 2016	CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016	CSU, Chico	Far West Public	Carnegie Class	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:			
														Far West Public	Carnegie Class	NSSE 2015 & 2016	Far West Public	Carnegie Class	NSSE 2015 & 2016	Far West Public	Carnegie Class	NSSE 2015 & 2016	
d. SEdiverse	617	2.56	2.62	2.62	2.60	.041	.010	.005	.003	1.01	1.01	1.01	1.01	11,573	40,089	143,998	.145	.097	.227	-.06	-.07	-.05	
e. SEsocial	618	2.84	2.80	2.82	2.84	.037	.009	.005	.002	.93	.93	.95	.93	11,564	40,048	143,832	.261	.629	.910	.05	.02	.00	
f. SEwellness	613	2.83	2.76	2.72	2.75	.039	.009	.005	.003	.96	.96	.99	.97	11,545	632	143,507	.096	.004	.036	.07	.12	.08	
g. SEnonacad	614	2.02	2.07	2.11	2.10	.039	.010	.005	.003	.96	1.00	1.02	1.00	689	635	619	.183	.016	.042	-.05	-.09	-.08	
h. SEactivities	615	2.41	2.58	2.54	2.63	.039	.009	.005	.003	.97	.99	1.02	1.00	11,502	636	143,058	.000	.001	.000	-.17	-.13	-.22	
i. SEevents	611	2.30	2.37	2.39	2.40	.039	.009	.005	.003	.97	.97	1.00	.98	11,483	630	142,737	.083	.023	.009	-.07	-.09	-.11	
15 a. tmprephrs	610	15.44	15.04	14.48	14.87	.356	.086	.044	.024	8.80	8.95	8.72	8.89	11,540	39,983	143,517	.275	.007	.113	.05	.11	.06	
b. tmcocurrhrs	605	5.14	4.05	4.32	4.66	.298	.062	.035	.018	7.32	6.50	6.87	6.90	658	621	142,769	.000	.006	.085	.17	.12	.07	
c. tmworkonhrs	610	3.35	3.49	3.23	3.71	.269	.068	.035	.019	6.64	7.11	6.89	7.24	11,492	39,831	142,940	.625	.680	.215	-.02	.02	-.05	
d. tmworkoffhrs	609	9.54	12.68	14.31	12.66	.480	.124	.069	.036	11.86	12.93	13.66	13.40	692	634	615	.000	.000	.000	-.24	-.35	-.23	
— tmworkhrs	606	12.86	16.06	17.44	16.27	.512	.128	.069	.036	12.59	13.23	13.56	13.41	11,364	627	611	.000	.000	.000	-.24	-.34	-.25	
e. tmservehrs	610	3.22	3.62	3.34	3.24	.226	.057	.029	.015	5.59	5.94	5.66	5.52	689	39,583	142,075	.090	.596	.921	-.07	-.02	.00	
f. tmrelaxhrs	607	11.95	10.42	10.08	10.50	.359	.078	.040	.021	8.85	8.11	7.97	8.06	664	621	610	.000	.000	.000	.19	.23	.18	
g. tmcarehrs	604	4.85	6.47	7.87	6.75	.410	.104	.062	.031	10.09	10.83	12.19	11.50	682	630	609	.000	.000	.000	-.15	-.25	-.17	
h. tmcommutehrs	610	5.07	5.98	4.83	4.80	.204	.057	.030	.015	5.03	5.99	5.90	5.70	709	635	615	.000	.242	.190	-.15	.04	.05	
16. reading	610	2.86	2.99	2.98	2.91	.049	.012	.006	.003	1.20	1.20	1.16	1.18	11,452	626	142,847	.009	.022	.374	-.11	-.10	-.04	
— tmreadinghrs	606	7.44	7.73	7.48	7.37	.267	.064	.033	.017	6.58	6.64	6.45	6.45	11,401	39,571	142,119	.292	.900	.773	-.04	-.01	.01	
17 a. pgwrite	613	2.90	3.04	3.08	3.04	.037	.009	.004	.002	.90	.90	.89	.90	11,492	39,864	143,069	.000	.000	.000	-.16	-.20	-.15	
b. pgspeak	611	2.89	2.92	2.96	2.93	.038	.009	.005	.003	.94	.93	.94	.94	11,455	39,734	142,578	.515	.088	.275	-.03	-.07	-.04	
c. pgthink	612	3.26	3.27	3.30	3.30	.032	.008	.004	.002	.80	.81	.80	.80	11,444	39,730	142,580	.955	.256	.241	.00	-.05	-.05	
d. pganalyze	612	2.89	2.86	2.80	2.84	.039	.009	.005	.003	.97	.97	.99	.99	11,449	39,686	142,492	.483	.029	.214	.03	.09	.05	
e. pgwork	605	2.93	2.85	2.96	2.94	.040	.009	.005	.003	.99	.99	.97	.97	11,453	39,749	142,706	.044	.432	.811	.08	-.03	-.01	
f. pgothers	611	3.11	3.01	3.05	3.04	.036	.009	.005	.002	.88	.90	.90	.90	11,445	39,670	142,394	.010	.074	.062	.11	.07	.08	
g. pgvalues	612	2.72	2.76	2.86	2.83	.041	.010	.005	.003	1.00	1.02	1.00	1.01	11,458	39,717	142,550	.366	.000	.010	-.04	-.14	-.11	
h. pgdiverse	611	2.77	2.85	2.85	2.82	.040	.009	.005	.003	.99	.99	.99	.99	11,451	39,703	142,530	.029	.033	.150	-.09	-.09	-.06	
i. pgprobsolve	610	2.82	2.78	2.82	2.82	.038	.009	.005	.003	.95	.97	.97	.96	11,438	39,675	142,418	.292	.935	.940	.04	.00	.00	
j. pgcitizen	612	2.68	2.66	2.72	2.68	.040	.010	.005	.003	.98	1.01	1.00	1.01	11,385	39,498	141,848	.574	.347	.956	.02	-.04	.00	
18. evalexp	610	3.22	3.17	3.27	3.25	.031	.007	.004	.002	.77	.77	.76	.76	11,514	39,888	143,195	.111	.133	.266	.07	-.06	-.05	
19. sameinst	609	3.24	3.16	3.21	3.21	.034	.008	.004	.002	.84	.84	.85	.85	11,522	39,944	143,352	.030	.384	.436	.09	.04	.03	

### 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."
- 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."