

---

# California State University-Chico

## NSSE 2016 Major Field Report, Part II

### Comparisons to Other Institutions

## Education

---

*Comparing your students majoring in the fields shown below to those  
in the same fields at your comparison group institutions*

*The Major Field Report group 'Education' includes the following majors: Education (general); Business education; Early childhood education; Elementary, middle school education; Mathematics education; Music or art education; Physical education; Secondary education; Social studies education; Special education; Other education.*



*Note:*

*The Major Field Report was formatted for printing. When viewing on screen in Excel, some content may appear truncated or oddly formatted. This is normal. Increasing the zoom level or viewing the report in Print Preview will improve on-screen display.*

### About Your Major Field Report, Part II

NSSE data serve to identify institutional strengths and weaknesses in reference to selected comparison institutions, yet institution-level comparisons may not capture important variation in student engagement that can be found within key subpopulations such as major. This report displays selected results for students at your institution and at your selected comparison institutions in the major category: Education.

#### NSSE results included in MFR, Part II

- Engagement Indicators
- High-Impact Practices
- Frequencies and Statistical Comparisons
- Respondent Profile

### Related-Major Groups

Self-reported majors (first major given if two were reported) were identified from the survey. Your institution had the option to customize how these were grouped, using up to ten related-major groups. Institutions choosing not to customize their related-major groups receive NSSE's ten default groups. The majors used in this report are listed on the cover page of this report.

### Sample

This report is based on information from all randomly selected or census-administered students in the indicated group of majors for both your institution and your comparison institutions. Targeted and locally administered oversamples and other non-randomly selected students are not included.

### Class

Results are presented separately by institution-reported class level. Keep in mind that majors are student-reported. First-year students may report *intended* majors that have not yet been *declared*. Also, much of the first-year experience may take place outside of the major field. For these reasons, first-year results should be interpreted with caution.

### Technical Requirements

Related-major groups with fewer than 20 respondents in a given class are not reported (columns are blank). Comparison groups must also contain at least 20 respondents in the major category, or they remain blank. Although 20 is a minimum requirement, keep in mind that any statistical result requires a sufficient number of respondents per group to produce a reliable estimate. Due to the disaggregation of results by student-reported major, the Major Field Report results are unweighted.

### Report Sections

Engagement Indicators (pp. 3-7)	Results on NSSE's ten Engagement Indicators (EIs) organized into four themes. See your <i>Engagement Indicators</i> report for more details.
High-Impact Practices (p. 8)	Results on student participation in six High-Impact Practices (HIPs). See your <i>High-Impact Practices</i> report for more details.
Frequencies and Statistical Comparisons (pp. 9-44)	Response frequencies and statistical comparisons (including tests of significance and effect sizes) for all survey items except the demographics for your institution and your three core comparison groups.
Respondent Profile (pp. 45-51)	Response frequencies for all demographic questions for your institution and your three core comparison groups.

### Engagement Indicators: Overview

Engagement Indicators are summary measures based on sets of NSSE questions examining key dimensions of student engagement. The ten indicators are organized within four themes: Academic Challenge, Learning with Peers, Experiences with Faculty, and Campus Environment. The tables below compare average scores<sup>a</sup> for your students in this related-major category with students in your comparison groups within the same category.

Use the following key:

- ▲ **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.
- No significant difference.
- ▼ **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.

		First-Year Students in Education			Seniors in Education		
Theme	Engagement Indicator	Your first-year students compared with Far West Public	Your first-year students compared with Carnegie Class	Your first-year students compared with NSSE 2015 & 2016	Your seniors compared with Far West Public	Your seniors compared with Carnegie Class	Your seniors compared with NSSE 2015 & 2016
	<b>Higher-Order Learning</b>				--	--	--
<b>Academic Challenge</b>	<b>Reflective &amp; Integrative Learning</b>				--	--	--
	<b>Learning Strategies</b>				--	--	--
	<b>Quantitative Reasoning</b>				--	--	--
<b>Learning with Peers</b>	<b>Collaborative Learning</b>				--	--	--
	<b>Discussions with Diverse Others</b>				--	--	--
<b>Experiences with Faculty</b>	<b>Student-Faculty Interaction</b>				--	--	--
	<b>Effective Teaching Practices</b>				--	--	--
<b>Campus Environment</b>	<b>Quality of Interactions</b>				--	--	--
	<b>Supportive Environment</b>				--	--	--

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Engagement Indicators: Education

### California State University-Chico

## Seniors<sup>a</sup> in Education

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Academic Challenge</b>												
<b>Higher-Order Learning</b>												
CSU, Chico (N = 23)	36.5	14.6	3.04	15	25	35	45	60				
Far West Public	41.7	13.9	.58	20	35	40	55	60	601	-5.2		-.374
Carnegie Class	41.8	13.7	.18	20	35	40	55	60	5,626	-5.3		-.385
NSSE 2015 & 2016	41.8	13.6	.10	20	35	40	55	60	16,890	-5.3		-.388
<b>Reflective &amp; Integrative Learning</b>												
CSU, Chico (N = 24)	39.6	13.6	2.77	20	30	39	49	60				
Far West Public	41.4	12.9	.53	20	34	40	51	60	621	-1.7		-.133
Carnegie Class	40.7	12.3	.16	20	31	40	51	60	5,768	-1.0		-.083
NSSE 2015 & 2016	40.7	12.3	.09	20	31	40	51	60	17,284	-1.1		-.086
<b>Learning Strategies</b>												
CSU, Chico (N = 24)	36.1	16.9	3.45	7	27	37	47	60				
Far West Public	40.9	14.5	.59	20	33	40	53	60	617	-4.8		-.331
Carnegie Class	40.9	14.7	.20	20	33	40	53	60	5,687	-4.8		-.328
NSSE 2015 & 2016	40.9	14.7	.11	20	33	40	53	60	17,037	-4.8		-.325
<b>Quantitative Reasoning</b>												
CSU, Chico (N = 24)	26.7	17.1	3.50	0	13	27	40	53				
Far West Public	25.5	17.3	.71	0	13	20	40	60	617	1.2		.070
Carnegie Class	25.3	17.2	.23	0	13	20	40	60	5,725	1.4		.080
NSSE 2015 & 2016	25.1	17.0	.13	0	13	20	40	60	17,170	1.6		.095
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
CSU, Chico (N = 24)	33.5	9.4	1.91	20	25	35	40	45				
Far West Public	34.9	14.8	.61	10	25	35	45	60	28	-1.4		-.095
Carnegie Class	34.7	14.6	.19	10	25	35	45	60	23	-1.2		-.081
NSSE 2015 & 2016	34.7	14.3	.11	10	25	35	45	60	23	-1.2		-.083
<b>Discussions with Diverse Others</b>												
CSU, Chico (N = 24)	41.5	14.8	3.02	20	40	40	55	60				
Far West Public	43.6	16.5	.68	10	35	45	60	60	621	-2.2		-.131
Carnegie Class	40.7	15.7	.21	15	30	40	60	60	5,707	.7		.046
NSSE 2015 & 2016	40.4	15.6	.12	15	30	40	55	60	17,121	1.0		.065

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Engagement Indicators: Education California State University-Chico

### Seniors<sup>a</sup> in Education

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Experiences with Faculty</b>												
<b>Student-Faculty Interaction</b>												
CSU, Chico (N = 23)	27.6	14.9	3.11	5	20	25	35	60				
Far West Public	25.4	16.3	.67	0	15	20	35	60	614	2.3		.139
Carnegie Class	27.5	16.3	.22	5	15	25	40	60	5,694	.1		.005
NSSE 2015 & 2016	27.5	16.2	.12	5	15	25	40	60	17,041	.2		.010
<b>Effective Teaching Practices</b>												
CSU, Chico (N = 24)	40.3	15.3	3.13	12	32	40	52	60				
Far West Public	40.9	14.7	.60	16	32	40	56	60	619	-.5		-.037
Carnegie Class	41.5	13.7	.18	20	32	40	52	60	5,785	-1.2		-.088
NSSE 2015 & 2016	41.3	13.9	.11	16	32	40	52	60	17,313	-1.0		-.068
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
CSU, Chico (N = 22)	42.9	10.1	2.15	30	34	41	53	60				
Far West Public	42.8	12.0	.51	20	36	44	52	60	577	.2		.013
Carnegie Class	43.9	11.3	.15	23	38	45	52	60	5,535	-1.0		-.085
NSSE 2015 & 2016	43.9	11.3	.09	23	38	45	52	60	16,513	-1.0		-.091
<b>Supportive Environment</b>												
CSU, Chico (N = 24)	36.0	11.7	2.38	20	25	36	45	53				
Far West Public	32.4	15.0	.61	8	23	33	43	60	620	3.6		.242
Carnegie Class	34.1	14.3	.19	10	23	35	43	60	5,734	2.0		.139
NSSE 2015 & 2016	34.1	14.3	.11	10	23	35	43	60	17,208	1.9		.133

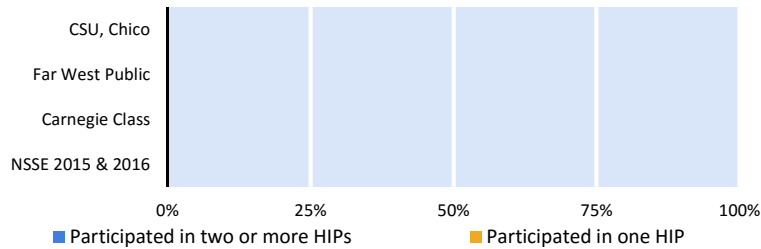
# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## High-Impact Practices: Education California State University-Chico

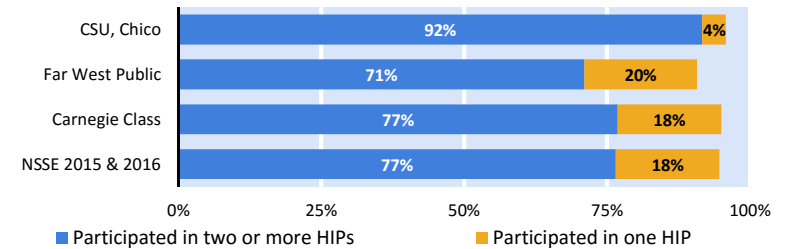
### Overall HIP Participation<sup>a</sup>

The figures below display the percentage<sup>h</sup> of students who participated in High-Impact Practices. Both figures include participation in a learning community, service-learning, and research with faculty. The Senior figure also includes participation in an internship or field experience, study abroad, and culminating senior experience. The first segment in each bar shows the percentage of students who participated in at least two HIPs, and the full bar (both colors) represents the percentage who participated in at least one.

*First-Year Students in Education*



*Seniors in Education*



### Statistical Comparisons<sup>a</sup>

The table below compares the percentage<sup>h</sup> of your students who participated in a High-Impact Practice, including the percentage who participated overall (at least one, two or more), with those at institutions in your comparison groups.

	CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016	
	%		% <sup>i</sup>	Effect size <sup>j</sup>	% <sup>i</sup>	Effect size <sup>j</sup>	% <sup>i</sup>	Effect size <sup>j</sup>
<i>First-Year Students in Education</i>								
11c. Learning community								
12. Service-learning								
11e. Research with faculty								
<b>Participated in at least one</b>								
<b>Participated in two or more</b>								
<i>Seniors in Education</i>								
11c. Learning community	29		36	-.15	37	-.16	38	-.18
12. Service-learning	96		81	.50	82	.46	82	.47
11e. Research with faculty	21		12	.24	16	.12	17	.11
11a. Internship or field exp.	79		60	.43	69	.23	70	.22
11d. Study abroad	0		7	-.53	11	-.68	12	-.70
11f. Culminating senior exp.	63		45	.36	51	.24	49	.26
<b>Participated in at least one</b>	96		91	.21	95	.04	95	.05
<b>Participated in two or more</b>	92		71 *	.55	77	.42	77	.43

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education California State University-Chico

### Seniors<sup>a</sup> in Education

Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico		Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</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 2 3 4	Never Sometimes Often Very often	0 7 8 9	0 29 33 38	11 110 173 308	2 18 29 51	69 793 1,738 3,158	1 14 30 55	185 2,445 5,133 9,538	1 14 30 55	<b>3.1</b>	3.3	-0.25	3.4	-0.40	3.4	-0.40	
Total				24	100	602	100	5,758	100	17,301	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1 2 3 4	Never Sometimes Often Very often	6 12 5 1	25 50 21 4	96 228 148 126	16 38 25 21	1,030 1,999 1,462 1,252	18 35 25 22	3,098 5,964 4,417 3,766	18 35 26 22		<b>2.0</b>	2.5 *	-0.47	2.5 **	-0.46	2.5 **	-0.46
Total				24	100	598	100	5,743	100	17,245	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1 2 3 4	Very often Often Sometimes Never	0 3 18 2	0 13 78 9	30 81 329 160	5 14 55 27	275 562 3,111 1,788	5 10 54 31	899 1,837 9,282 5,201	5 11 54 30			<b>3.0</b>	3.0	-0.10	3.1	-0.21	3.1
Total				23	100	600	100	5,736	100	17,219	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1 2 3 4	Never Sometimes Often Very often	13 9 1 1	54 38 4 4	240 225 62 73	40 38 10 12	2,257 2,047 709 714	39 36 12 12	6,613 6,275 2,150 2,188	38 36 12 13	<b>1.6</b>			1.9	-0.37	2.0	-0.39	2.0 *
Total				24	100	600	100	5,727	100	17,226	100								
e. Asked another student to help you understand course material	CLaskhelp	1 2 3 4	Never Sometimes Often Very often	1 12 11 0	4 50 46 0	58 236 179 127	10 39 30 21	538 2,386 1,829 999	9 41 32 17	1,652 7,244 5,468 2,901	10 42 32 17		<b>2.4</b>		2.6	-0.23	2.6	-0.18	2.6
Total				24	100	600	100	5,752	100	17,265	100								
f. Explained course material to one or more students	CLexplain	1 2 3 4	Never Sometimes Often Very often	0 13 6 5	0 54 25 21	19 186 230 164	3 31 38 27	226 1,693 2,321 1,501	4 29 40 26	613 5,228 7,009 4,384	4 30 41 25			<b>2.7</b>	2.9	-0.28	2.9	-0.26	2.9
Total				24	100	599	100	5,741	100	17,234	100								

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education California State University-Chico

### Seniors<sup>a</sup> in Education

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico		Your seniors compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>	
														Far West Public	Carnegie Class			NSSE 2015 & 2016
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	0	0	91	15	865	15	2,618	15	2.6	2.6	.06	2.6	.04	2.6	.05
		2	Sometimes	12	50	211	35	1,864	32	5,752	33							
		3	Often	9	38	171	28	1,781	31	5,226	30							
		4	Very often	3	13	129	21	1,236	22	3,674	21							
		Total		24	100	602	100	5,746	100	17,270	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	0	0	29	5	377	7	870	5	3.0	2.9	.11	2.9	.12	2.9	.08
		2	Sometimes	6	25	191	32	1,570	27	4,693	27							
		3	Often	12	50	191	32	2,096	36	6,463	37							
		4	Very often	6	25	188	31	1,705	30	5,242	30							
		Total		24	100	599	100	5,748	100	17,268	100							
i. Given a course presentation	present	1	Never	1	4	46	8	405	7	1,316	8	2.5	2.9 *	-0.49	2.9 **	-0.53	2.9 *	-0.52
		2	Sometimes	14	58	153	26	1,381	24	4,104	24							
		3	Often	6	25	196	33	2,041	36	6,044	35							
		4	Very often	3	13	200	34	1,904	33	5,753	33							
		Total		24	100	595	100	5,731	100	17,217	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	RIntegrate	1	Never	1	4	12	2	141	2	406	2	3.1	3.1	.00	3.1	.04	3.1	.05
		2	Sometimes	5	21	133	22	1,226	21	3,866	22							
		3	Often	8	33	223	37	2,323	40	6,845	40							
		4	Very often	10	42	230	38	2,056	36	6,150	36							
		Total		24	100	598	100	5,746	100	17,267	100							
b. Connected your learning to societal problems or issues	RSocietal	1	Never	0	0	23	4	226	4	637	4	3.0	3.0	-0.03	2.9	.07	3.0	.05
		2	Sometimes	7	29	140	23	1,582	28	4,696	27							
		3	Often	10	42	231	39	2,201	38	6,651	39							
		4	Very often	7	29	202	34	1,715	30	5,217	30							
		Total		24	100	596	100	5,724	100	17,201	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	2	8	36	6	283	5	809	5	2.8	2.9	-0.13	2.9	-0.11	2.9	-0.12
		2	Sometimes	7	29	170	28	1,733	30	5,221	30							
		3	Often	9	38	203	34	2,090	36	6,155	36							
		4	Very often	6	25	190	32	1,633	28	5,043	29							
		Total		24	100	599	100	5,739	100	17,228	100							



# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education California State University-Chico

### Seniors<sup>a</sup> in Education

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico		Your seniors compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>	
														Mean	Effect size <sup>n</sup>			Mean
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	2	8	22	4	195	3	545	3	2.8	2.9	-.19	2.9	-.17	2.9	-.18
		2	Sometimes	6	25	151	25	1,580	28	4,713	27							
		3	Often	11	46	262	44	2,389	42	7,198	42							
		4	Very often	5	21	163	27	1,558	27	4,759	28							
		Total		24	100	598	100	5,722	100	17,215	100							
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	2	8	14	2	135	2	370	2	3.0	3.1	-.14	3.0	-.06	3.0	-.07
		2	Sometimes	4	17	132	22	1,406	25	4,201	24							
		3	Often	11	46	248	41	2,497	44	7,424	43							
		4	Very often	7	29	204	34	1,699	30	5,212	30							
		Total		24	100	598	100	5,737	100	17,207	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	0	0	12	2	82	1	244	1	3.0	3.0	-.04	3.0	-.01	3.0	.00
		2	Sometimes	8	33	150	25	1,503	26	4,624	27							
		3	Often	8	33	246	41	2,421	42	7,295	42							
		4	Very often	8	33	192	32	1,723	30	5,051	29							
		Total		24	100	600	100	5,729	100	17,214	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	8	1	39	1	88	1	3.2	3.4	-.22	3.4	-.22	3.4	-.22
		2	Sometimes	5	21	63	11	627	11	1,866	11							
		3	Often	9	38	227	38	2,259	40	7,010	41							
		4	Very often	10	42	297	50	2,793	49	8,215	48							
		Total		24	100	595	100	5,718	100	17,179	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	2	8	69	12	615	11	1,772	10	2.7	2.6	.08	2.7	.00	2.7	-.01
		2	Sometimes	9	38	226	38	1,963	34	5,888	34							
		3	Often	7	29	155	26	1,621	28	5,006	29							
		4	Very often	6	25	146	24	1,544	27	4,568	27							
		Total		24	100	596	100	5,743	100	17,234	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	9	38	268	45	2,297	40	6,889	40	2.2	1.9	.26	2.0	.14	2.0	.14
		2	Sometimes	6	25	189	32	1,774	31	5,274	31							
		3	Often	5	21	72	12	909	16	2,797	16							
		4	Very often	4	17	69	12	746	13	2,233	13							
		Total		24	100	598	100	5,726	100	17,193	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education California State University-Chico

### Seniors<sup>a</sup> in Education

				Frequency Distributions								Statistical Comparisons <sup>k</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>l</sup>	Values <sup>m</sup>	Response options	Count		Count		Count		Count		Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
					%		%		%		%								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	5	22	163	27	1,195	21	3,695	22	2.3	2.2	.10	2.3	-.03	2.3	-.02	
		2	Sometimes	9	39	233	39	2,291	40	6,818	40								
		3	Often	6	26	121	20	1,354	24	4,022	23								
		4	Very often	3	13	81	14	883	15	2,645	15								
		Total		23	100	598	100	5,723	100	17,180	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	4	17	116	19	913	16	2,743	16	2.3	2.3	-.01	2.4	-.12	2.4	-.10	
		2	Sometimes	10	42	249	42	2,336	41	7,076	41								
		3	Often	8	33	143	24	1,488	26	4,533	26								
		4	Very often	2	8	90	15	983	17	2,811	16								
		Total		24	100	598	100	5,720	100	17,163	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	2	8	88	15	749	13	2,464	14	2.6	2.5	.05	2.5	.10	2.5	.13	
		2	Some	12	50	220	37	2,248	39	6,752	39								
		3	Quite a bit	4	17	173	29	1,895	33	5,483	32								
		4	Very much	6	25	116	19	842	15	2,529	15								
		Total		24	100	597	100	5,734	100	17,228	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	0	0	23	4	116	2	347	2	2.8	3.1 *	-.41	3.2 *	-.49	3.2 *	-.50	
		2	Some	9	38	96	16	961	17	2,856	17								
		3	Quite a bit	11	46	259	44	2,462	43	7,374	43								
		4	Very much	4	17	216	36	2,195	38	6,623	39								
		Total		24	100	594	100	5,734	100	17,200	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	1	4	18	3	184	3	534	3	2.9	3.1	-.25	3.1	-.22	3.1	-.22	
		2	Some	6	26	112	19	1,142	20	3,441	20								
		3	Quite a bit	10	43	246	41	2,316	41	7,029	41								
		4	Very much	6	26	220	37	2,071	36	6,160	36								
		Total		23	100	596	100	5,713	100	17,164	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	2	8	26	4	223	4	617	4	2.8	3.0	-.25	3.0	-.28	3.0	-.29	
		2	Some	6	25	133	23	1,233	22	3,714	22								
		3	Quite a bit	11	46	246	42	2,452	43	7,465	43								
		4	Very much	5	21	186	31	1,813	32	5,395	31								
		Total		24	100	591	100	5,721	100	17,191	100								

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education California State University-Chico

### Seniors<sup>a</sup> in Education

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico		Your seniors compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count		Count		Count		Count		Mean	Mean	Effect size <sup>n</sup>		Effect size <sup>n</sup>		
				%	%	%	%	%	%	Mean	Mean							
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	2	8	24	4	183	3	543	3	2.9	3.1	-.25	3.1	-.23	3.1	-.22
		2	Some	5	21	113	19	1,175	21	3,573	21							
		3	Quite a bit	11	46	249	42	2,476	43	7,483	44							
		4	Very much	6	25	210	35	1,877	33	5,556	32							
		Total		24	100	596	100	5,711	100	17,155	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	0	0	15	3	122	2	394	2	3.3	3.2	.08	3.2	.09	3.2	.11
		2	Some	5	21	101	17	971	17	2,940	17							
		3	Quite a bit	8	33	241	40	2,434	42	7,370	43							
		4	Very much	11	46	242	40	2,232	39	6,587	38							
		Total		24	100	599	100	5,759	100	17,291	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	0	0	19	3	142	2	463	3	3.1	3.1	.01	3.1	-.02	3.1	-.01
		2	Some	5	21	117	20	976	17	3,020	17							
		3	Quite a bit	11	46	235	39	2,547	44	7,515	44							
		4	Very much	8	33	225	38	2,086	36	6,261	36							
		Total		24	100	596	100	5,751	100	17,259	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	4	32	5	185	3	628	4	3.1	3.1	.02	3.1	-.06	3.1	-.04
		2	Some	4	17	116	19	1,076	19	3,260	19							
		3	Quite a bit	11	46	226	38	2,262	39	6,805	39							
		4	Very much	8	33	221	37	2,226	39	6,537	38							
		Total		24	100	595	100	5,749	100	17,230	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	3	13	44	7	418	7	1,308	8	2.9	2.9	.00	3.0	-.05	2.9	-.03
		2	Some	4	17	157	26	1,348	23	4,158	24							
		3	Quite a bit	9	38	197	33	2,000	35	5,955	35							
		4	Very much	8	33	198	33	1,977	34	5,818	34							
		Total		24	100	596	100	5,743	100	17,239	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	3	13	49	8	333	6	1,029	6	2.7	2.9	-.23	3.0	-.29	3.0	-.28
		2	Some	6	25	143	24	1,376	24	4,138	24							
		3	Quite a bit	10	42	210	35	2,179	38	6,513	38							
		4	Very much	5	21	194	33	1,828	32	5,491	32							
		Total		24	100	596	100	5,716	100	17,171	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education California State University-Chico

### Seniors<sup>a</sup> in Education

				Frequency Distributions								Statistical Comparisons <sup>k</sup>											
				CSU, Chico				Far West Public				Carnegie Class				NSSE 2015 & 2016				Your seniors compared with			
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</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>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</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	5	21	114	19	1,081	19	3,282	19	2.4	2.4	.04	2.4	.03	2.4	.05					
		2	Sometimes	7	29	237	40	2,208	38	6,720	39												
		3	Often	9	38	158	26	1,617	28	4,824	28												
		4	Very often	3	13	91	15	852	15	2,457	14												
			Total	24	100	600	100	5,758	100	17,283	100												
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	5	21	158	26	1,433	25	4,329	25	2.4	2.2	.17	2.2	.16	2.2	.18					
		2	Sometimes	8	33	232	39	2,309	40	7,015	41												
		3	Often	8	33	139	23	1,290	22	3,920	23												
		4	Very often	3	13	73	12	710	12	1,999	12												
			Total	24	100	602	100	5,742	100	17,263	100												
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	7	29	144	24	1,463	26	4,334	25	2.2	2.2	-.02	2.2	.03	2.2	.03					
		2	Sometimes	7	29	247	41	2,393	42	7,281	42												
		3	Often	8	33	133	22	1,261	22	3,868	22												
		4	Very often	2	8	73	12	619	11	1,753	10												
			Total	24	100	597	100	5,736	100	17,236	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	0	None	3	13	21	4	200	4	610	4	8.6	9.7	-.15	9.0	-.06	9.2	-.08					
		1.5	1-2	2	8	70	12	832	15	2,475	15												
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	6	25	153	26	1,491	27	4,392	26												
		8	6-10	7	29	142	24	1,223	22	3,705	22												
		13	11-15	1	4	52	9	695	12	1,997	12												
		18	16-20	1	4	45	8	437	8	1,276	8												
		23	More than 20	4	17	102	17	708	13	2,350	14												
			Total	24	100	585	100	5,586	100	16,805	100												
b. Between 6 and 10 pages	wrmednum	0	None	5	24	88	15	1,077	19	3,158	19	3.5	4.1	-.13	3.9	-.09	3.9	-.08					
		1.5	1-2	9	43	205	36	1,825	33	5,638	34												
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	4	19	155	27	1,495	27	4,480	27												
		8	6-10	1	5	77	13	678	12	2,013	12												
		13	11-15	1	5	21	4	238	4	684	4												
		18	16-20	0	0	16	3	112	2	310	2												
		23	More than 20	1	5	12	2	103	2	306	2												
			Total	21	100	574	100	5,528	100	16,589	100												

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### California State University-Chico

#### Seniors<sup>a</sup> in Education

				Frequency Distributions						Statistical Comparisons <sup>k</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>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
c. 11 pages or more	wrlongnum	0	None	11	52	239	43	2,366	43	7,105	43	<b>2.0</b>	2.4	-.09	2.1	-.03	2.0	-.01	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	7	33	204	36	2,002	36	6,077	37								
	4	3-5	2	10	63	11	678	12	1,996	12									
	8	6-10	0	0	22	4	211	4	601	4									
	13	11-15	0	0	10	2	96	2	269	2									
	18	16-20	0	0	5	1	58	1	150	1									
	23	More than 20	1	5	16	3	76	1	227	1									
	Total		21	100	559	100	5,487	100	16,425	100									
Estimated number of assigned pages of student writing.	wpages	(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)										<b>83.5</b>	95.9	-.11	86.2	-.03	85.7	-.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	1	4	26	4	257	4	815	5	<b>3.2</b>	3.3	-.06	3.0	.18	3.0	.19	
		2	Sometimes	3	13	109	18	1,517	26	4,576	26								
		3	Often	10	42	152	25	1,715	30	5,095	29								
		4	Very often	10	42	318	53	2,273	39	6,818	39								
		Total		24	100	605	100	5,762	100	17,304	100								
b. People from an economic background other than your own	DDeconomic	1	Never	1	4	24	4	188	3	563	3	<b>3.1</b>	3.2	-.12	3.1	.03	3.1	.04	
		2	Sometimes	4	17	100	17	1,330	23	3,984	23								
		3	Often	10	42	192	32	1,982	34	6,065	35								
		4	Very often	9	38	289	48	2,253	39	6,658	39								
		Total		24	100	605	100	5,753	100	17,270	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	2	8	38	6	306	5	1,029	6	<b>3.0</b>	3.2	-.18	3.0	.02	3.0	.05	
		2	Sometimes	4	17	104	17	1,584	28	4,844	28								
		3	Often	10	42	178	30	1,745	30	5,254	30								
		4	Very often	8	33	282	47	2,110	37	6,134	36								
		Total		24	100	602	100	5,745	100	17,261	100								
d. People with political views other than your own	DDpolitical	1	Never	2	8	46	8	284	5	868	5	<b>3.0</b>	3.1	-.12	3.0	-.07	3.0	-.05	
		2	Sometimes	2	8	124	21	1,415	25	4,400	26								
		3	Often	15	63	171	28	1,898	33	5,685	33								
		4	Very often	5	21	260	43	2,123	37	6,254	36								
		Total		24	100	601	100	5,720	100	17,207	100								

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education California State University-Chico

### Seniors<sup>a</sup> in Education

				Frequency Distributions								Statistical Comparisons <sup>k</sup>											
				CSU, Chico				Far West Public				Carnegie Class				NSSE 2015 & 2016				Your seniors compared with			
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count		Count		Count		Count		Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</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	3	13	10	2	99	2	272	2	2.9	3.3 *	-.51	3.3 *	-.46	3.3 *	-.49					
		2	Sometimes	4	17	80	13	866	15	2,506	15												
		3	Often	9	38	223	37	2,127	37	6,415	37												
		4	Very often	8	33	289	48	2,662	46	8,081	47												
		Total		24	100	602	100	5,754	100	17,274	100												
b. Reviewed your notes after class	LSnotes	1	Never	2	8	45	7	395	7	1,206	7	2.8	2.9	-.05	2.9	-.08	2.9	-.06					
		2	Sometimes	7	29	180	30	1,649	29	5,129	30												
		3	Often	8	33	180	30	1,788	31	5,311	31												
		4	Very often	7	29	199	33	1,907	33	5,583	32												
		Total		24	100	604	100	5,739	100	17,229	100												
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	3	13	34	6	311	5	919	5	2.7	2.9	-.29	3.0	-.32	3.0	-.32					
		2	Sometimes	8	33	172	29	1,506	26	4,531	26												
		3	Often	7	29	192	32	2,004	35	6,097	36												
		4	Very often	6	25	200	33	1,874	33	5,570	33												
		Total		24	100	598	100	5,695	100	17,117	100												
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																							
challenge		1	Not at all	0	0	5	1	19	0	72	0	5.5	5.7	-.20	5.8	-.29	5.8	-.25					
		2		1	4	9	1	50	1	180	1												
		3		1	4	15	2	128	2	402	2												
		4		1	4	44	7	418	7	1,278	7												
		5		8	33	145	24	1,450	25	4,428	26												
		6		8	33	200	33	1,736	30	5,260	31												
		7	Very much	5	21	184	31	1,942	34	5,625	33												
		Total		24	100	602	100	5,743	100	17,245	100												
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>o</sup></b>																							
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		0	0	26	4	139	2	361	2	79%	60%	.43	69%	.23	70%	.22					
		Do not plan to do		0	0	38	6	213	4	542	3												
		Plan to do		5	21	179	30	1,424	25	4,331	25												
		Done or in progress		19	79	361	60	3,973	69	12,065	70												
		Total		24	100	604	100	5,749	100	17,299	100												

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education California State University-Chico

### Seniors<sup>a</sup> in Education

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico		Your seniors compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>	
														Far West Public	Carnegie Class			NSSE 2015 & 2016
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	4	17	74	12	621	11	1,928	11	<b>38%</b>	26%	.24	37%	.01	38%	.00
			Do not plan to do	8	33	319	53	2,565	45	7,615	44							
			Plan to do	3	13	50	8	422	7	1,208	7							
			Done or in progress	9	38	157	26	2,136	37	6,510	38							
			Total	24	100	600	100	5,744	100	17,261	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	4	17	76	13	718	13	2,076	12	<b>29%</b>	36%	-.15	37%	-.16	38%	-.18
			Do not plan to do	13	54	229	38	2,354	41	6,979	40							
			Plan to do	0	0	81	13	571	10	1,678	10							
			Done or in progress	7	29	218	36	2,095	37	6,505	38							
			Total	24	100	604	100	5,738	100	17,238	100							
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	2	8	86	14	689	12	2,040	12	<b>0%</b>	7%	-.53	11%	-.68	12%	-.70
			Do not plan to do	21	88	425	71	4,027	70	12,094	70							
			Plan to do	1	4	49	8	374	7	1,071	6							
			Done or in progress	0	0	42	7	642	11	2,017	12							
			Total	24	100	602	100	5,732	100	17,222	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	3	13	104	17	873	15	2,601	15	<b>21%</b>	12%	.24	16%	.12	17%	.11
			Do not plan to do	10	42	347	58	3,411	60	10,127	59							
			Plan to do	6	25	77	13	508	9	1,589	9							
			Done or in progress	5	21	73	12	931	16	2,845	17							
			Total	24	100	601	100	5,723	100	17,162	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	3	13	59	10	454	8	1,424	8	<b>63%</b>	45%	.36	51%	.24	49%	.26
			Do not plan to do	1	4	110	18	921	16	2,913	17							
			Plan to do	5	21	165	27	1,459	25	4,380	25							
			Done or in progress	15	63	268	45	2,904	51	8,526	49							
			Total	24	100	602	100	5,738	100	17,243	100							
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																		
	servcourse		1 None	1	4	116	19	1,031	18	3,124	18	<b>2.3</b>	2.1	.36	2.1	.35	2.1	.34
			2 Some	15	63	345	58	3,351	58	9,985	58							
			3 Most	7	29	116	19	1,182	21	3,576	21							
			4 All	1	4	22	4	171	3	554	3							
			Total	24	100	599	100	5,735	100	17,239	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education California State University-Chico

### Seniors<sup>a</sup> in Education

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico		Your seniors compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count		Count		Count		Count		Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
					%		%		%		%							
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																		
a. Students	QIstudent	1	Poor	0	0	8	1	47	1	136	1	<b>5.8</b>	5.8	-.04	5.8	-.06	5.8	-.07
		2		0	0	10	2	67	1	201	1							
		3		2	8	12	2	159	3	482	3							
		4		2	8	52	9	459	8	1,316	8							
		5		4	17	117	19	1,210	21	3,605	21							
		6		8	33	184	30	1,690	29	5,112	30							
		7	Excellent	8	33	220	36	2,091	36	6,314	36							
		—	Not applicable	0	0	2	0	41	1	152	1							
		Total		24	100	605	100	5,764	100	17,318	100							
b. Academic advisors	QIadvisor	1	Poor	0	0	24	4	249	4	718	4	<b>5.8</b>	5.2	.29	5.3	.25	5.3	.23
		2		1	4	39	6	302	5	845	5							
		3		0	0	41	7	404	7	1,206	7							
		4		3	13	77	13	633	11	1,883	11							
		5		5	21	95	16	1,008	18	2,961	17							
		6		6	25	114	19	1,125	20	3,473	20							
		7	Excellent	9	38	200	33	1,997	35	6,077	35							
		—	Not applicable	0	0	13	2	39	1	131	1							
		Total		24	100	603	100	5,757	100	17,294	100							
c. Faculty	QIfaculty	1	Poor	0	0	12	2	59	1	181	1	<b>5.6</b>	5.6	.04	5.7	-.04	5.7	-.03
		2		0	0	18	3	78	1	261	2							
		3		0	0	19	3	205	4	618	4							
		4		6	25	61	10	553	10	1,630	9							
		5		6	25	116	19	1,262	22	3,843	22							
		6		3	13	194	33	1,818	32	5,318	31							
		7	Excellent	9	38	172	29	1,719	30	5,234	30							
		—	Not applicable	0	0	4	1	33	1	106	1							
		Total		24	100	596	100	5,727	100	17,191	100							



# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education California State University-Chico

### Seniors<sup>a</sup> in Education

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico		Your seniors compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count		Count		Count		Count		Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
				%	%	%	%	%	%									
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	2	8	31	5	240	4	707	4	4.5	4.8	-.16	5.0	-.32	5.0	-.31
		2		1	4	36	6	271	5	757	4							
		3		1	4	42	7	296	5	1,043	6							
		4		7	29	67	11	707	12	2,084	12							
		5		1	4	96	16	1,019	18	2,985	17							
		6		4	17	86	14	1,040	18	3,086	18							
		7	Excellent	3	13	96	16	1,052	18	3,054	18							
		—	Not applicable	5	21	147	24	1,111	19	3,513	20							
Total				24	100	601	100	5,736	100	17,229	100							
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	1	4	29	5	233	4	716	4	4.5	4.9	-.23	5.0	-.31	5.0	-.31
		2		2	8	30	5	299	5	854	5							
		3		2	8	49	8	430	7	1,335	8							
		4		7	29	88	15	841	15	2,482	14							
		5		2	8	120	20	1,188	21	3,590	21							
		6		3	13	128	21	1,273	22	3,731	22							
		7	Excellent	4	17	110	18	1,223	21	3,691	21							
		—	Not applicable	3	13	49	8	265	5	883	5							
Total				24	100	603	100	5,752	100	17,282	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	0	0	11	2	99	2	324	2	2.9	3.1	-.24	3.1	-.27	3.1	-.26
		2	Some	6	25	128	21	1,029	18	3,199	19							
		3	Quite a bit	14	58	249	41	2,700	47	7,929	46							
		4	Very much	4	17	213	35	1,914	33	5,802	34							
		Total				24	100	601	100	5,742	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	1	4	35	6	200	4	642	4	3.2	3.0	.28	3.0	.20	3.0	.21
		2	Some	4	17	139	24	1,196	21	3,584	21							
		3	Quite a bit	8	33	232	39	2,447	43	7,387	43							
		4	Very much	11	46	185	31	1,869	33	5,541	32							
		Total				24	100	591	100	5,712	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	3	13	74	12	490	9	1,451	8	2.8	2.8	-.01	2.9	-.13	2.9	-.13
		2	Some	6	25	137	23	1,323	23	3,965	23							
		3	Quite a bit	8	33	220	37	2,087	36	6,414	37							
		4	Very much	7	29	166	28	1,828	32	5,353	31							
		Total				24	100	597	100	5,728	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education California State University-Chico

### Seniors<sup>a</sup> in Education

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico		Your seniors compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count		Count		Count		Count		Mean	Mean	Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>	
				%	%	%	%	%	%	Mean	Effect size <sup>n</sup>							
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	2	8	88	15	772	13	2,387	14	2.8	2.7	.07	2.7	.09	2.7	.10
		2	Some	8	33	171	28	1,749	31	5,244	30							
		3	Quite a bit	8	33	190	32	1,846	32	5,502	32							
		4	Very much	6	25	152	25	1,362	24	4,083	24							
		Total		24	100	601	100	5,729	100	17,216	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	0	0	54	9	371	6	1,155	7	3.4	2.8 **	.57	2.9 *	.47	3.0 *	.47
		2	Some	2	8	158	26	1,362	24	3,946	23							
		3	Quite a bit	11	46	215	36	2,180	38	6,627	39							
		4	Very much	11	46	172	29	1,811	32	5,476	32							
		Total		24	100	599	100	5,724	100	17,204	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	0	0	83	14	600	10	1,851	11	3.3	2.7 **	.64	2.8 **	.54	2.8 **	.55
		2	Some	4	17	170	28	1,469	26	4,418	26							
		3	Quite a bit	8	33	192	32	2,037	36	6,136	36							
		4	Very much	12	50	153	26	1,612	28	4,780	28							
		Total		24	100	598	100	5,718	100	17,185	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	8	33	226	38	1,859	33	5,520	32	2.2	2.1	.14	2.1	.06	2.1	.06
		2	Some	6	25	186	31	1,908	33	5,843	34							
		3	Quite a bit	7	29	113	19	1,213	21	3,615	21							
		4	Very much	3	13	76	13	738	13	2,209	13							
		Total		24	100	601	100	5,718	100	17,187	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	5	21	97	16	815	14	2,360	14	2.4	2.6	-.18	2.7	-.25	2.7	-.29
		2	Some	7	29	178	30	1,621	28	4,615	27							
		3	Quite a bit	9	38	188	32	1,928	34	5,882	34							
		4	Very much	3	13	133	22	1,335	23	4,296	25							
		Total		24	100	596	100	5,699	100	17,153	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	3	13	134	22	1,100	19	3,297	19	2.3	2.3	-.01	2.4	-.09	2.4	-.10
		2	Some	12	50	213	36	2,022	35	5,993	35							
		3	Quite a bit	7	29	159	27	1,660	29	4,974	29							
		4	Very much	2	8	91	15	919	16	2,879	17							
		Total		24	100	597	100	5,701	100	17,143	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education California State University-Chico

### Seniors<sup>a</sup> in Education

				Frequency Distributions								Statistical Comparisons <sup>k</sup>													
				CSU, Chico				Far West Public				Carnegie Class				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>n</sup>		Effect size <sup>n</sup>			
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Effect size <sup>n</sup>	Effect size <sup>n</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	2	0	14	0	52	0	<b>15.8</b>	15.5	.03	15.3	.06	15.3	.07							
	(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	0	0	62	10	693	12	2,078	12														
		8	6-10 hrs	8	35	141	24	1,219	21	3,903	23														
		13	11-15 hrs	4	17	127	21	1,255	22	3,643	21														
		18	16-20 hrs	7	30	105	18	1,067	19	3,130	18														
		23	21-25 hrs	0	0	70	12	655	11	1,888	11														
		28	26-30 hrs	2	9	40	7	373	7	1,146	7														
		33	More than 30 hrs	2	9	52	9	458	8	1,408	8														
	Total			23	100	599	100	5,734	100	17,248	100														
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	8	33	341	57	2,525	44	7,557	44	<b>5.3</b>	3.3	.32	4.6	.10	4.7	.09							
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	9	38	144	24	1,618	28	4,832	28														
		8	6-10 hrs	3	13	51	9	733	13	2,184	13														
		13	11-15 hrs	1	4	28	5	357	6	1,101	6														
		18	16-20 hrs	1	4	12	2	234	4	725	4														
		23	21-25 hrs	2	8	6	1	103	2	354	2														
		28	26-30 hrs	0	0	6	1	48	1	158	1														
		33	More than 30 hrs	0	0	8	1	93	2	267	2														
	Total			24	100	596	100	5,711	100	17,178	100														
c. Working for pay on campus	tmworkonhrs	0	0 hrs	18	75	483	81	4,322	76	12,634	73	<b>3.9</b>	2.9	.14	2.8	.17	3.2	.11							
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	0	0	14	2	304	5	937	5														
		8	6-10 hrs	1	4	18	3	407	7	1,345	8														
		13	11-15 hrs	2	8	27	5	306	5	939	5														
		18	16-20 hrs	2	8	38	6	250	4	832	5														
		23	21-25 hrs	1	4	9	2	62	1	245	1														
		28	26-30 hrs	0	0	3	1	25	0	102	1														
		33	More than 30 hrs	0	0	7	1	44	1	160	1														
	Total			24	100	599	100	5,720	100	17,194	100														

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### California State University-Chico

#### Seniors<sup>a</sup> in Education

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico		Your seniors compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>	
														Mean	Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	17	71	221	37	2,123	37	6,868	40	<b>5.0</b>	12.7 ** ▼	-0.61	12.0 ** ▼	-0.56	11.5 ** ▼	-0.52
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	1	4	43	7	423	7	1,258	7							
	8	6-10 hrs	2	8	40	7	498	9	1,431	8								
	13	11-15 hrs	0	0	34	6	491	9	1,367	8								
	18	16-20 hrs	2	8	70	12	590	10	1,595	9								
	23	21-25 hrs	0	0	54	9	422	7	1,184	7								
	28	26-30 hrs	0	0	44	7	337	6	952	6								
	33	More than 30 hrs	2	8	90	15	818	14	2,494	15								
	Total		24	100	596	100	5,702	100	17,149	100								
Estimated number of hours working for pay	tmworkhrs											<b>8.9</b>	15.6 * ▼	-0.51	14.7 * ▼	-0.47	14.6 * ▼	-0.45
	(Continuous variable created by NSSE)																	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	8	33	243	41	2,394	42	7,022	41	<b>4.7</b>	4.2	.07	3.5	.21	3.8	.15
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	46	211	36	2,319	41	6,910	40							
	8	6-10 hrs	2	8	72	12	510	9	1,574	9								
	13	11-15 hrs	1	4	31	5	213	4	682	4								
	18	16-20 hrs	1	4	13	2	120	2	356	2								
	23	21-25 hrs	0	0	7	1	47	1	180	1								
	28	26-30 hrs	0	0	5	1	27	0	97	1								
33	More than 30 hrs	1	4	11	2	68	1	285	2									
Total		24	100	593	100	5,698	100	17,106	100									
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	0	0	24	4	176	3	503	3	<b>12.6</b>	9.0	.48	9.6	.39	9.7	.39
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	10	42	200	34	1,850	32	5,504	32							
	8	6-10 hrs	3	13	185	31	1,723	30	5,149	30								
	13	11-15 hrs	3	13	95	16	946	17	2,830	16								
	18	16-20 hrs	3	13	50	8	496	9	1,627	9								
	23	21-25 hrs	1	4	16	3	252	4	731	4								
	28	26-30 hrs	0	0	8	1	116	2	348	2								
33	More than 30 hrs	4	17	17	3	167	3	487	3									
Total		24	100	595	100	5,726	100	17,179	100									

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### California State University-Chico

#### Seniors<sup>a</sup> in Education

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				CSU, Chico				Far West Public				Carnegie Class				NSSE 2015 & 2016			
				NSSE 2015 & 2016				CSU, Chico				Your seniors compared with							
				CSU, Chico				Far West Public				Carnegie Class				NSSE 2015 & 2016			
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	16	67	300	50	3,428	60	10,210	59	<b>5.4</b>	9.0	-.28	7.2	-.15	7.5	-.17	
		3	1-5 hrs	3	13	85	14	702	12	1,987	12								
		8	6-10 hrs	1	4	41	7	251	4	826	5								
		13	11-15 hrs	1	4	16	3	175	3	527	3								
		18	16-20 hrs	0	0	26	4	157	3	460	3								
		23	21-25 hrs	0	0	9	2	89	2	275	2								
		28	26-30 hrs	0	0	13	2	68	1	218	1								
		33	More than 30 hrs	3	13	107	18	846	15	2,660	15								
			Total	24	100	597	100	5,716	100	17,163	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	0	0	59	10	1,083	19	3,570	21	<b>5.1</b>	5.9	-.13	4.9	.03	4.7	.06	
		3	1-5 hrs	19	79	333	56	2,983	52	8,993	52								
		8	6-10 hrs	4	17	125	21	1,057	18	2,942	17								
		13	11-15 hrs	0	0	40	7	342	6	952	6								
		18	16-20 hrs	0	0	17	3	124	2	330	2								
		23	21-25 hrs	0	0	10	2	54	1	145	1								
		28	26-30 hrs	0	0	6	1	23	0	76	0								
		33	More than 30 hrs	1	4	9	2	71	1	221	1								
			Total	24	100	599	100	5,737	100	17,229	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	5	21	40	7	673	12	2,010	12	<b>2.7</b>	3.1	-.35	2.9	-.15	2.9	-.17	
		2	Some	6	25	156	26	1,613	28	4,705	27								
		3	About half	6	25	178	30	1,673	29	5,045	29								
		4	Most	5	21	151	25	1,243	22	3,920	23								
		5	Almost all	2	8	72	12	527	9	1,569	9								
			Total	24	100	597	100	5,729	100	17,249	100								
	tmreadinghrs											<b>8.1</b>	8.4	-.04	7.5	.09	7.6	.08	
			(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)																

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education California State University-Chico

### Seniors<sup>a</sup> in Education

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016	
												Mean		Effect size <sup>n</sup>		Effect size <sup>n</sup>			
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
	tmreadinghrscol	1	0 hrs	0	0	1	0	14	0	49	0								
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	13	57	241	41	2,583	45	7,718	45								
		3	More than 5, up to 10 hrs	2	9	179	30	1,690	30	5,111	30								
		4	More than 10, up to 15 hrs	4	17	79	13	662	12	1,976	12								
		5	More than 15, up to 20 hrs	2	9	43	7	377	7	1,149	7								
		6	More than 20, up to 25 hrs	1	4	32	5	271	5	819	5								
		7	More than 25 hrs	1	4	20	3	100	2	342	2								
			Total		23	100	595	100	5,697	100	17,164	100							
<b>17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																			
a. Writing clearly and effectively	pgwrite	1	Very little	0	0	42	7	293	5	886	5	<b>3.0</b>	3.0	.07	3.1	-.02	3.0	.00	
		2	Some	8	33	138	23	1,180	21	3,680	21								
		3	Quite a bit	7	29	213	35	2,186	38	6,511	38								
		4	Very much	9	38	208	35	2,094	36	6,213	36								
		Total		24	100	601	100	5,753	100	17,290	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	0	0	45	8	314	5	1,037	6	<b>3.0</b>	2.9	.10	3.0	-.01	3.0	.02	
		2	Some	5	21	143	24	1,194	21	3,623	21								
		3	Quite a bit	13	54	212	35	2,120	37	6,410	37								
		4	Very much	6	25	200	33	2,106	37	6,176	36								
		Total		24	100	600	100	5,734	100	17,246	100								
c. Thinking critically and analytically	pgthink	1	Very little	0	0	25	4	128	2	405	2	<b>3.2</b>	3.2	-.04	3.3	-.10	3.3	-.09	
		2	Some	5	21	82	14	742	13	2,267	13								
		3	Quite a bit	9	38	215	36	2,220	39	6,675	39								
		4	Very much	10	42	277	46	2,652	46	7,892	46								
		Total		24	100	599	100	5,742	100	17,239	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	4	17	125	21	1,083	19	3,367	20	<b>2.5</b>	2.4	.11	2.5	.05	2.5	.08	
		2	Some	9	38	201	34	1,954	34	5,965	35								
		3	Quite a bit	5	21	162	27	1,522	27	4,469	26								
		4	Very much	6	25	110	18	1,180	21	3,427	20								
		Total		24	100	598	100	5,739	100	17,228	100								

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education California State University-Chico

### Seniors<sup>a</sup> in Education

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico		Your seniors compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>	
														Mean	Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	1	4	44	7	224	4	721	4	3.1	3.1	.02	3.2	-.19	3.2	-.17
		2	Some	4	17	124	21	864	15	2,687	16							
		3	Quite a bit	11	46	177	30	1,938	34	5,713	33							
		4	Very much	8	33	253	42	2,721	47	8,144	47							
		Total		24	100	598	100	5,747	100	17,265	100							
f. Working effectively with others	pgothers	1	Very little	0	0	34	6	195	3	559	3	3.3	3.1	.22	3.2	.10	3.2	.10
		2	Some	5	21	120	20	948	17	2,902	17							
		3	Quite a bit	7	29	202	34	2,055	36	6,160	36							
		4	Very much	12	50	244	41	2,530	44	7,608	44							
		Total		24	100	600	100	5,728	100	17,229	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	2	8	71	12	461	8	1,396	8	3.1	2.9	.22	3.0	.11	3.0	.10
		2	Some	5	21	148	25	1,252	22	3,765	22							
		3	Quite a bit	6	25	172	29	1,955	34	5,779	33							
		4	Very much	11	46	207	35	2,071	36	6,320	37							
		Total		24	100	598	100	5,739	100	17,260	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	1	4	49	8	418	7	1,247	7	2.9	3.0	-.07	2.9	-.03	2.9	-.03
		2	Some	7	29	137	23	1,390	24	4,233	25							
		3	Quite a bit	9	38	186	31	2,015	35	5,938	34							
		4	Very much	7	29	228	38	1,919	33	5,842	34							
		Total		24	100	600	100	5,742	100	17,260	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	5	21	62	10	462	8	1,416	8	2.5	2.8	-.34	2.9 *	-.45	2.9 *	-.44
		2	Some	9	38	172	29	1,480	26	4,549	26							
		3	Quite a bit	4	17	197	33	2,082	36	6,165	36							
		4	Very much	6	25	169	28	1,712	30	5,120	30							
		Total		24	100	600	100	5,736	100	17,250	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	2	8	69	12	609	11	1,875	11	2.6	2.7	-.09	2.8	-.14	2.8	-.14
		2	Some	11	46	186	31	1,704	30	5,000	29							
		3	Quite a bit	5	21	189	32	1,883	33	5,684	33							
		4	Very much	6	25	151	25	1,523	27	4,626	27							
		Total		24	100	595	100	5,719	100	17,185	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education California State University-Chico

### Seniors<sup>a</sup> in Education

Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CSU, Chico		Far West Public		Carnegie Class		NSSE 2015 & 2016		CSU, Chico		Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
<b>18. How would you evaluate your entire educational experience at this institution?</b>																		
	evalexp	1	Poor	0	0	20	3	110	2	336	2	<b>3.5</b>	3.2	.40	3.3	.18	3.3	.19
		2	Fair	1	4	75	12	515	9	1,624	9							
		3	Good	10	43	288	48	2,403	42	7,174	41							
		4	Excellent	12	52	220	36	2,730	47	8,161	47							
		Total		23	100	603	100	5,758	100	17,295	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	0	0	26	4	212	4	653	4	<b>3.5</b>	3.2	.37	3.3	.25	3.3	.25
		2	Probably no	0	0	71	12	601	10	1,835	11							
		3	Probably yes	11	48	250	41	2,059	36	6,206	36							
		4	Definitely yes	12	52	257	43	2,893	50	8,624	50							
		Total		23	100	604	100	5,765	100	17,318	100							



# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Education California State University-Chico

### Education

			First-Year Students <sup>a</sup>								Seniors <sup>a</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	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
20a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One									19	79	529	87	4,633	80	14,287	82	
		More than one										5	21	76	13	1,153	20	3,090	18
		Total										24	100	605	100	5,786	100	17,377	100
First major or expected first major, in NSSE's default related-major categories. (Does not reflect any customization made for the Major Field Report)	MAJfirstcol <i>(Recoded from MAJfirst.)</i>	Arts & Humanities									0	0	0	0	0	0	0	0	
		Biological Sci., Agriculture, & Natural Resources									0	0	0	0	0	0	0	0	
		Physical Sci., Mathematics, & Computer Science									0	0	0	0	0	0	0	0	
		Social Sciences									0	0	0	0	0	0	0	0	
		Business									0	0	0	0	0	0	0	0	
		Communications, Media, & Public Relations									0	0	0	0	0	0	0	0	
		Education									24	100	605	100	5,786	100	17,377	100	
		Engineering									0	0	0	0	0	0	0	0	
		Health Professions									0	0	0	0	0	0	0	0	
		Social Service Professions									0	0	0	0	0	0	0	0	
		All Other									0	0	0	0	0	0	0	0	
		Undecided, Undeclared									0	0	0	0	0	0	0	0	
		Total										24	100	605	100	5,786	100	17,377	100
Second major or expected second major, in NSSE's default related-major categories. (Does not reflect any customization made for the Major Field Report)	MAJsecondcol <i>(Recoded from MAJsecond.)</i>	Arts & Humanities									2	40	14	18	243	21	664	22	
		Biological Sci., Agriculture, & Natural Resources									1	20	1	1	7	1	38	1	
		Physical Sci., Mathematics, & Computer Science									0	0	2	3	41	4	138	4	
		Social Sciences									1	20	5	7	140	12	298	10	
		Business									0	0	2	3	21	2	61	2	
		Communications, Media, & Public Relations									0	0	1	1	6	1	17	1	
		Education									1	20	32	42	587	51	1,532	50	
		Engineering									0	0	0	0	2	0	7	0	
		Health Professions									0	0	5	7	23	2	77	3	
		Social Service Professions									0	0	6	8	12	1	32	1	
		All Other									0	0	7	9	54	5	165	5	
		Undecided, Undeclared									0	0	1	1	13	1	42	1	
		Total										5	100	76	100	1,149	100	3,071	100

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Education California State University-Chico

### Education

			First-Year Students <sup>a</sup>								Seniors <sup>a</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	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
21. What is your class level?	class	Freshman/First-year									0	0	2	0	6	0	36	0
		Sophomore									0	0	8	1	32	1	110	1
		Junior									1	4	52	9	432	8	1,345	8
		Senior									20	87	527	88	5,130	89	15,320	89
		Unclassified									2	9	11	2	155	3	466	3
		Total										23	100	600	100	5,755	100	17,277
22. Thinking about this current academic term, are you a full-time student?	fulltime	No									3	13	107	18	666	12	2,158	13
		Yes									21	88	491	82	5,068	88	15,044	87
		Total									24	100	598	100	5,734	100	17,202	100
23a. How many courses are you taking for credit this current academic term?	coursenum	0									0	0	21	3	165	3	555	3
		1									0	0	56	9	569	10	1,777	10
		2									1	4	72	12	888	15	2,808	16
		3									4	17	66	11	686	12	2,034	12
		4									4	17	128	21	1,078	19	3,220	19
		5									10	42	107	18	1,056	18	3,038	18
		6									1	4	52	9	604	10	1,727	10
		7 or more									4	17	99	16	715	12	2,119	12
Total										24	100	601	100	5,761	100	17,278	100	
b. Of these, how many are entirely online?	onlinenum	0									14	58	372	62	4,131	72	12,323	72
		1									7	29	124	21	890	16	2,641	15
		2									3	13	52	9	290	5	973	6
		3									0	0	27	5	158	3	485	3
		4									0	0	10	2	108	2	379	2
		5									0	0	6	1	30	1	91	1
		6									0	0	6	1	24	0	89	1
		7 or more									0	0	1	0	88	2	189	1
Total										24	100	598	100	5,719	100	17,170	100	
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum)	onlinecscol	No courses taken online									14	58	372	62	4,131	72	12,322	72
		Some courses taken online									10	42	183	31	1,088	19	3,237	19
		All courses taken online									0	0	43	7	499	9	1,609	9
		Total									24	100	598	100	5,718	100	17,168	100

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Education California State University-Chico

### Education

			First-Year Students <sup>a</sup>								Seniors <sup>a</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	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
24. What have most of your grades been up to now at this institution?	grades	C- or lower									0	0	3	1	6	0	26	0
		C									0	0	10	2	23	0	106	1
		C+									1	4	14	2	77	1	234	1
		B-									3	13	24	4	155	3	482	3
		B									5	21	81	14	641	11	1,893	11
		B+									4	17	102	17	913	16	2,657	15
		A-									4	17	132	22	1,452	25	4,095	24
		A									7	29	234	39	2,492	43	7,775	45
		Total								24	100	600	100	5,759	100	17,268	100	
25. Did you begin college at this institution or elsewhere?	begincol	Started here									11	46	197	33	3,071	53	9,393	54
		Started elsewhere									13	54	403	67	2,678	47	7,849	46
		Total									24	100	600	100	5,749	100	17,242	100
26. Since graduating from high school, which of the following types of schools have you attended <i>other than</i> the one you are now attending? (Select all that apply.)	attend_voc attend_com attend_col attend_none attend_other	Vocational or technical school									2	8	35	6	313	5	1,050	6
		Community or junior college									13	54	389	65	2,436	42	7,113	41
		4-year college or university other than this one									6	25	156	26	1,333	23	4,122	24
		None									8	33	136	23	2,404	42	7,221	42
		Other									0	0	12	2	133	2	445	3
27. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree									1	4	49	8	277	5	908	5
		Bachelor's degree (B.A., B.S., etc.)									6	25	125	21	1,242	22	3,975	23
		Master's degree (M.A., M.S., etc.)									16	67	340	57	3,397	59	9,877	57
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)									1	4	85	14	818	14	2,452	14
		Total									24	100	599	100	5,734	100	17,212	100

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Education

### California State University-Chico

#### Education

			First-Year Students <sup>a</sup>								Seniors <sup>a</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	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
28. What is the highest level of education completed by either of your parents (or those who raised you)?	parented	Did not finish high school									1	4	67	11	303	5	936	5
		High school diploma or G.E.D.									4	17	140	23	1,299	23	3,594	21
		Attended college, but did not complete degree									2	8	78	13	703	12	2,044	12
		Associate's degree (A.A., A.S., etc.)									1	4	60	10	669	12	2,015	12
		Bachelor's degree (B.A., B.S., etc.)									11	46	135	23	1,543	27	4,704	27
		Master's degree (M.A., M.S., etc.)									5	21	96	16	989	17	3,153	18
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)									0	0	21	4	233	4	787	5
		Total									24	100	597	100	5,739	100	17,233	100
First-generation status (No parent holds a bachelor's degree)	firstgen (Recoded from parented)	Not first-generation									16	67	252	42	2,765	48	8,644	50
		First-generation									8	33	345	58	2,974	52	8,589	50
		Total									24	100	597	100	5,739	100	17,233	100
29. What is your gender identity?	genderid	Man									4	17	126	21	1,018	18	3,154	18
		Woman									17	71	457	76	4,642	81	13,841	80
		Another gender identity									3	13	0	0	15	0	37	0
		I prefer not to respond									0	0	15	3	64	1	199	1
		Total									24	100	598	100	5,739	100	17,231	100
30. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear)	19 or younger									0	0	5	1	13	0	53	0
		20-23									18	78	288	49	3,774	66	11,134	65
		24-29									2	9	149	25	827	14	2,521	15
		30-39									2	9	75	13	593	10	1,800	11
		40-55									1	4	62	11	451	8	1,454	8
		Over 55									0	0	11	2	53	1	176	1
Total									23	100	590	100	5,711	100	17,138	100		
31a. Are you an international student?	internat	No									24	100	592	99	5,657	99	16,900	99
		Yes									0	0	3	1	31	1	171	1
		Total									24	100	595	100	5,688	100	17,071	100
International student country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file. U.S. (domestic) students did not receive this question.	countrycol (Recoded from country.)	Africa Sub-Saharan									0	0	0	0	5	17	13	9
		Asia									0	0	3	100	4	14	39	26
		Canada									0	0	0	0	2	7	18	12
		Europe									0	0	0	0	6	21	22	14
		Latin America and Caribbean									0	0	0	0	11	38	51	34
		Middle East and North Africa									0	0	0	0	1	3	3	2
		Oceania									0	0	0	0	0	0	6	4
		Unknown region/uncoded									0	0	0	0	0	0	0	0
Total									0	0	3	100	29	100	152	100		

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Education California State University-Chico

### Education

			First-Year Students <sup>a</sup>								Seniors <sup>a</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	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
32. What is your racial or ethnic identification? (Select all that apply.)	re_amind	American Indian or Alaska Native									0	0	23	4	116	2	337	2
	re_asian	Asian									3	13	81	14	107	2	433	3
	re_black	Black or African American									0	0	20	3	319	6	1,094	6
	re_latino	Hispanic or Latino									1	4	118	20	499	9	1,526	9
	re_pacific	Native Hawaiian or Other Pacific Islander									0	0	39	7	20	0	113	1
	re_white	White									19	79	365	61	4,698	82	13,868	81
	re_other	Other									0	0	21	4	81	1	215	1
	re_pnr	I prefer not to respond									2	8	28	5	198	3	597	3
	Racial or ethnic identification	re_all	American Indian or Alaska Native									0	0	5	1	39	1	102
(Recoded from re_amind through re_pnr where each student is represented only once)		Asian									2	8	53	9	71	1	277	2
		Black or African American									0	0	11	2	253	4	914	5
		Hispanic or Latino									1	4	93	16	371	6	1,162	7
		Native Hawaiian/Other Pac. Islander									0	0	14	2	12	0	42	0
		White									18	75	309	52	4,463	78	13,145	76
		Other									0	0	9	2	57	1	132	1
		Multiracial									1	4	75	13	268	5	840	5
		I prefer not to respond									2	8	28	5	198	3	597	3
	Total									24	100	597	100	5,732	100	17,211	100	
33. Are you a member of a social fraternity or sorority?	greek	No									21	88	544	92	5,123	90	15,296	89
		Yes									3	13	50	8	601	10	1,877	11
		Total									24	100	594	100	5,724	100	17,173	100
34. Which of the following best describes where you are living while attending college?	living	Dormitory or other campus housing (not fraternity or sorority house)									0	0	37	6	895	16	2,750	16
		Fraternity or sorority house									0	0	6	1	47	1	163	1
		Residence (house, apartment, etc.) within walking distance to the institution									13	57	106	18	1,174	21	3,602	21
		Residence (house, apartment, etc.) farther than walking distance to the institution									6	26	413	69	3,286	57	9,661	56
		None of the above									4	17	35	6	323	6	1,015	6
		Total									23	100	597	100	5,725	100	17,191	100
35. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No									24	100	580	97	5,378	94	16,001	94
		Yes									0	0	15	3	329	6	1,097	6
		Total									24	100	595	100	5,707	100	17,098	100

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Education California State University-Chico

### Education

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
Item wording or description	Variable name	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	%	Count	%	Count	%
36. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No									24	100	571	95	5,532	97	16,623	97
		Yes									0	0	27	5	162	3	469	3
		Total									24	100	598	100	5,694	100	17,092	100
37a. Have you been diagnosed with any disability or impairment?	disability	No									20	83	509	85	4,958	87	14,989	87
		Yes									3	13	73	12	612	11	1,743	10
		I prefer not to respond									1	4	14	2	155	3	462	3
		Total									24	100	596	100	5,725	100	17,194	100
b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense	A sensory impairment (vision or hearing)									0	0	15	21	87	14	254	15
	dis_mobility	A mobility impairment									0	0	11	15	50	8	161	9
	dis_learning	A learning disability (e.g., ADHD, dyslexia)									1	50	32	44	304	50	816	47
	dis_mental	A mental health disorder									2	100	19	26	169	28	525	30
	dis_other	A disability or impairment not listed above									1	50	16	22	122	20	342	20
Disability or impairment	disability_all	A sensory impairment									0	0	12	2	55	1	162	1
	(Recoded from disability and dis_sense through dis_other where each student is represented only once)	A mobility impairment									0	0	5	1	24	0	93	1
		A learning disability									0	0	22	4	237	4	619	4
		A mental health disorder									1	4	10	2	108	2	324	2
		A disability or impairment not listed									0	0	9	2	84	1	232	1
		More than one disability or impairment									1	4	15	3	99	2	304	2
		No disability or impairment									20	87	509	85	4,958	87	14,989	87
	Prefer not to respond									1	4	14	2	155	3	462	3	
	Total									23	100	596	100	5,720	100	17,185	100	
38. Which of the following best describes your sexual orientation? (Question administered per institution request)	sexorient14	Heterosexual									--	--	258	84	1,691	90	5,492	89
		Gay									--	--	4	1	22	1	82	1
		Lesbian									--	--	0	0	21	1	53	1
		Bisexual									--	--	17	6	43	2	153	2
		Another sexual orientation									--	--	3	1	14	1	50	1
		Questioning or unsure									--	--	4	1	9	0	44	1
		I prefer not to respond									--	--	22	7	79	4	328	5
		Total									--	--	308	100	1,879	100	6,202	100

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Education California State University-Chico

### Education

### First-Year Students<sup>a</sup>

### Seniors<sup>a</sup>

Item wording or description	Variable name	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	%	Count	%	Count	%
<b>Institution-reported information</b>																		
(Variables provided by your institution in your NSSE population file.)																		
Institution-reported sex	IRsex	Female									18	75	471	78	4,728	82	14,107	81
		Male									6	25	133	22	1,057	18	3,269	19
		Total									24	100	604	100	5,785	100	17,376	100
Institution-reported race or ethnicity	IRrace	American Indian or Alaska Native									0	0	7	1	43	1	116	1
		Asian									2	8	46	9	73	1	252	2
		Black or African American									0	0	10	2	283	5	966	6
		Hispanic or Latino									2	8	100	21	452	8	1,380	9
		Native Hawaiian/Other Pac. Islander									0	0	14	3	9	0	33	0
		White									18	75	251	52	4,169	77	12,388	76
		Other									0	0	0	0	0	0	0	0
		Foreign or nonresident alien									0	0	8	2	22	0	100	1
		Two or more races/ethnicities									1	4	15	3	112	2	382	2
		Total									24	100	487	100	5,389	100	16,196	100
Institution-reported class level	IRclass	Freshman/First-Year									0	0	0	0	0	0	0	0
		Sophomore									0	0	0	0	0	0	0	0
		Junior									0	0	0	0	0	0	0	0
		Senior									24	100	605	100	5,786	100	17,377	100
		Total									24	100	605	100	5,786	100	17,377	100
Institution-reported first-time first-year (FTFY) status	IRftfy	No									24	100	599	99	5,754	99	17,257	99
		Yes									0	0	6	1	32	1	120	1
		Total									24	100	605	100	5,786	100	17,377	100
Institution-reported enrollment status	IRenrollment	Not full-time									1	4	113	19	692	12	2,158	12
		Full-time									23	96	492	81	5,094	88	15,219	88
		Total									24	100	605	100	5,786	100	17,377	100

## Endnotes

- a. All results are unweighted.
- b. Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.
- c. Standard error of the mean, used to compute a confidence interval (CI) around the sample mean. For example, the 95% CI is the range of values that is 95% likely to contain the true population mean, equal to the sample mean  $\pm 1.96 * SEM$ .
- d. A percentile is the point in the distribution of student-level EI scores at or below which a given percentage of EI scores fall.
- e. Degrees of freedom used to compute the  $t$ -tests. Values differ from  $N$ s due to whether equal variances were assumed.
- f. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance:  $*p < .05$ ,  $**p < .01$ ,  $***p < .001$  (2-tailed).
- g. Cohen's  $d$ : The mean difference divided by the pooled standard deviation. Effect size indicates the practical importance of an observed difference. For EI comparisons, NSSE research has concluded that an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015). Comparisons with an effect size of at least .3 in magnitude (before rounding) are highlighted in the Overview.
- h. Percentage of students who responded "Done or in progress" except for service-learning which is the percentage who responded that at least "Some" courses included a community-based project.
- i.  $*p < .05$ ,  $**p < .01$ ,  $***p < .001$  ( $z$ -test comparing participation rates).
- j. Cohen's  $h$ : The standardized difference between two proportions. Effect size indicates the practical importance of an observed difference. NSSE research has found that interpretations vary by HIP: For service-learning, internships, study abroad, and culminating senior experiences, an effect size of about .2 may be considered small, .5 medium, and .8 large. For learning community and research with faculty, an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015).
- k. 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.
- l. Items that 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 and Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- m. 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.
- n. Effect size for independent  $t$ -tests uses Cohen's  $d$ ;  $z$ -tests use Cohen's  $h$ .
- o. Statistical comparison uses  $z$ -test to compare the percentage who responded "Done or in progress."

### 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.

**Reference:** Rocconi, L., & Gonyea, R. M. (2015). Contextualizing student engagement effect sizes: An empirical analysis. Paper presented at the Association for Institutional Research Annual Forum, Denver, CO.