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# NSSE 2023

## Frequencies and Statistical Comparisons

California State University, Sacramento

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# NSSE 2023 Frequencies and Statistical Comparisons

## About This Report

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

1. **Class level:** As reported by your institution.
2. **Item numbers:** Numbering corresponds to the instrument available on the NSSE website.


3. **Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.

4. **Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.

5. **Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.

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

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



### NSSE Frequencies and Statistical Comparisons

NSSEville State University

Seniors		Frequency Distributions <sup>a</sup>										Statistical Comparisons <sup>b</sup>							
		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State	Admissions Overlap	Carnegie UG Program	NSSE Cohort						
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. Doing 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 2 3 4	Never Sometimes Often Very often	3 135 112 280	0 20 33 46	244 4,397 5,947 5,440	2 27 37 34	54 845 1,086 889	2 29 38 31	6,952 75,222 81,724 66,983	3 33 35 29	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1 2 3 4	Never Sometimes Often Very often	82 267 164 113	13 42 26 19	2,369 5,959 4,548 3,072	14 37 29 20	401 978 858 611	14 34 31 1	35,490 79,495 67,348 17,208	16 34 29 21	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
c. Evaluated what others have concluded from numerical information	QRrevaluate	1 2 3 4	Never Sometimes Often Very often	25 56 384 150	4 9 63 24	778 1,666 9,147 4,267	5 11 57 27	134 262 1,586 851	5 10 57 29	12,543 28,134 128,802 58,873	6 13 56 26	3.1	3.1	.02	3.1	-.04	3.0	.06	
				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 (NSSE adjusts this to .1/.3/.5 for the Engagement Indicators). A positive effect size indicates that your institution's mean was greater than that of the comparison group, thus showing a favorable result for your institution. A negative effect size indicates your institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention. Effect sizes for independent  $t$ -tests use Cohen's  $d$ ;  $z$ -tests use Cohen's  $h$ . Cohen's  $d$  is calculated by dividing the mean difference by the pooled standard deviation. Cohen's  $h$  is calculated by taking the difference in the proportion of students who responded "Done or in progress" after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences (2nd edition)*. New York: Psychology Press.

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

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

# NSSE 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				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	29	4	427	4	2,117	5	7,234	4	<b>2.6</b>	2.7 *	-08	2.8 ***	-15	2.8 ***	-18
		2	Sometimes	312	47	4,840	42	17,626	38	74,757	37							
		3	Often	214	32	3,952	35	16,289	33	70,929	35							
		4	Very often	121	18	2,183	19	11,265	24	49,034	24							
		Total		676	100	11,402	100	47,297	100	201,954	100							
b. Asked another student to help you understand course material	CLaskhelp	1	Never	59	9	1,158	11	8,853	23	25,208	15	<b>2.6</b>	2.5	.01	2.3 ***	.30	2.4 **	.11
		2	Sometimes	284	42	4,533	40	18,903	39	81,889	41							
		3	Often	227	32	3,735	32	12,638	25	60,993	29							
		4	Very often	109	16	1,940	17	6,698	13	33,071	15							
		Total		679	100	11,366	100	47,092	100	201,161	100							
c. Explained course material to one or more students	CLexplain	1	Never	52	8	890	8	7,347	20	18,973	11	<b>2.5</b>	2.5	-05	2.3 ***	.18	2.5	-02
		2	Sometimes	308	46	5,016	43	19,109	40	81,814	41							
		3	Often	225	33	3,828	34	14,139	28	68,070	33							
		4	Very often	88	13	1,612	14	6,424	13	31,990	15							
		Total		673	100	11,346	100	47,019	100	200,847	100							
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	134	20	2,238	20	12,361	31	39,818	22	<b>2.3</b>	2.3 *	-08	2.2 **	.12	2.3	-06
		2	Sometimes	288	43	4,417	39	16,665	35	73,392	37							
		3	Often	180	27	3,114	28	11,531	23	55,029	26							
		4	Very often	68	10	1,514	13	6,179	12	31,367	15							
		Total		670	100	11,283	100	46,736	100	199,606	100							
e. Worked with other students on course projects or assignments	CLproject	1	Never	44	7	854	8	7,982	22	20,921	13	<b>2.7</b>	2.6	.03	2.3 ***	.32	2.5 ***	.13
		2	Sometimes	247	39	4,334	38	16,674	35	73,964	37							
		3	Often	251	37	4,212	37	14,820	29	69,530	34							
		4	Very often	120	17	1,856	17	6,998	14	34,112	16							
		Total		662	100	11,256	100	46,474	100	198,527	100							
f. Given a course presentation	present	1	Never	83	13	2,097	19	10,476	26	41,032	23	<b>2.4</b>	2.3 **	.12	2.2 ***	.23	2.2 ***	.20
		2	Sometimes	310	47	4,952	45	19,697	41	90,031	45							
		3	Often	183	27	3,005	26	11,093	23	46,566	23							
		4	Very often	85	12	1,177	10	5,098	10	20,463	10							
		Total		661	100	11,231	100	46,364	100	198,092	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023	
				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>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	52	7	952	9	4,749	12	16,540	9	<b>2.6</b>	2.6	.05	2.5 **	.10	2.6	.04							
		2	Sometimes	250	38	4,167	38	17,204	38	72,801	37														
		3	Often	250	38	4,304	39	16,637	36	73,789	37														
		4	Very often	106	16	1,649	15	7,047	15	31,952	16														
		Total		658	100	11,072	100	45,637	100	195,082	100														
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	63	11	1,034	9	4,636	11	17,550	10	<b>2.5</b>	2.6 *	-.09	2.6	-.05	2.6 *	-.08							
		2	Sometimes	255	40	4,035	37	16,660	37	70,831	37														
		3	Often	228	34	4,051	37	16,120	35	70,215	35														
		4	Very often	100	15	1,867	17	7,778	17	34,739	18														
		Total		646	100	10,987	100	45,194	100	193,335	100														
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	47	8	913	8	4,999	13	17,788	11	<b>2.6</b>	2.7	-.04	2.6 *	.08	2.6	.02							
		2	Sometimes	240	38	3,724	35	15,828	36	66,508	35														
		3	Often	226	35	4,100	37	15,436	33	68,959	35														
		4	Very often	125	19	2,156	20	8,480	18	38,184	19														
		Total		638	100	10,893	100	44,743	100	191,439	100														
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	28	5	443	4	2,163	5	8,588	5	<b>2.8</b>	2.8	.01	2.8	.00	2.8	-.01							
		2	Sometimes	193	31	3,370	31	13,595	31	57,056	30														
		3	Often	287	45	4,999	46	19,661	44	85,739	45														
		4	Very often	119	19	1,963	18	8,777	20	37,542	20														
		Total		627	100	10,775	100	44,196	100	188,925	100														
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	14	2	274	3	1,416	4	5,141	3	<b>3.0</b>	2.9	.04	2.9	.06	2.9	.05							
		2	Sometimes	142	24	2,649	26	11,310	26	47,084	26														
		3	Often	291	48	5,071	47	19,835	45	87,149	46														
		4	Very often	167	26	2,640	25	10,915	25	46,283	25														
		Total		614	100	10,634	100	43,476	100	185,657	100														
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	10	2	257	3	1,338	3	5,252	3	<b>2.9</b>	2.9 *	.09	2.9 *	.08	2.9	.07							
		2	Sometimes	163	28	3,052	30	12,600	30	52,618	29														
		3	Often	275	46	4,875	46	19,054	44	82,268	44														
		4	Very often	151	25	2,293	21	9,765	23	42,413	23														
		Total		599	100	10,477	100	42,757	100	182,551	100														

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

# NSSE 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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 2022 & 2023								Statistical Comparisons							
				Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	4	1	142	2	731	2	2,532	2	<b>3.0</b>	3.0	.01	3.0	-.02	3.1	-.04	
		2	Sometimes	134	24	2,209	22	8,681	21	35,262	20								
		3	Often	278	48	5,143	49	20,618	48	88,761	48								
		4	Very often	173	28	2,888	27	12,206	29	53,719	30								
		Total		589	100	10,382	100	42,236	100	180,274	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	135	25	2,638	26	7,798	21	34,032	20	<b>2.2</b>	2.2	.07	2.3 *	-.08	2.3 *	▽	
		2	Sometimes	242	41	4,322	42	17,584	41	76,501	42								
		3	Often	126	21	2,297	22	10,642	24	44,228	24								
		4	Very often	83	13	1,112	10	6,178	14	25,294	14								
		Total		586	100	10,369	100	42,202	100	180,055	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	290	50	5,384	51	19,959	50	81,225	47	<b>1.8</b>	1.7	.03	1.8	-.02	1.8	-.07	
		2	Sometimes	183	32	2,997	30	12,605	28	56,675	31								
		3	Often	69	11	1,347	13	6,124	14	27,235	15								
		4	Very often	44	7	598	6	3,327	8	13,992	8								
		Total		586	100	10,326	100	42,015	100	179,127	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	213	36	4,024	38	13,920	36	55,385	33	<b>1.9</b>	1.9	.00	2.0	-.06	2.0 **	▽	
		2	Sometimes	227	41	3,812	38	16,223	38	71,666	40								
		3	Often	96	16	1,710	17	7,738	18	34,506	19								
		4	Very often	38	7	702	7	3,635	9	15,584	9								
		Total		574	100	10,248	100	41,516	100	177,141	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	165	28	3,126	30	9,225	24	41,683	25	<b>2.1</b>	2.0	.04	2.2 ***	-.14	2.2 **	▽	
		2	Sometimes	252	45	4,409	43	18,116	43	78,416	44								
		3	Often	117	20	1,998	20	9,687	22	39,600	22								
		4	Very often	43	7	711	7	4,465	11	17,381	10								
		Total		577	100	10,244	100	41,493	100	177,080	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	35	6	450	5	1,737	5	7,150	4	<b>2.8</b>	2.9	-.08	2.9 *	-.09	2.9 **	▽	
		2	Some	168	29	2,745	28	11,171	28	46,290	27								
		3	Quite a bit	254	45	4,557	44	18,212	44	77,874	44								
		4	Very much	115	20	2,423	23	10,078	24	44,376	25								
		Total		572	100	10,175	100	41,198	100	175,690	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	25	4	441	4	1,615	4	6,284	4	<b>2.8</b>	2.8 *	-0.11	2.9 ***	-0.14	2.9 ***	-0.19						
		2	Some	188	33	2,779	28	11,044	27	44,111	26													
		3	Quite a bit	255	46	4,675	46	18,690	46	80,609	46													
		4	Very much	100	17	2,205	21	9,513	23	43,491	25													
		Total		568	100	10,100	100	40,862	100	174,495	100													
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	23	4	381	4	1,657	4	6,244	4	<b>2.8</b>	2.9	-0.04	2.9	-0.05	2.9	-0.08						
		2	Some	158	28	2,766	28	11,071	28	45,064	26													
		3	Quite a bit	260	46	4,502	45	17,944	44	77,368	45													
		4	Very much	117	21	2,348	23	9,654	24	43,761	25													
		Total		558	100	9,997	100	40,326	100	172,437	100													
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	16	3	346	4	1,437	4	6,286	4	<b>2.9</b>	2.9	-0.01	2.9	-0.01	2.9	-0.01						
		2	Some	142	27	2,513	26	10,214	25	44,002	26													
		3	Quite a bit	260	48	4,606	46	18,522	46	78,000	45													
		4	Very much	125	23	2,477	24	9,919	25	43,136	25													
		Total		543	100	9,942	100	40,092	100	171,424	100													
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	19	4	329	4	1,375	4	5,668	4	<b>2.9</b>	2.9	.01	2.9	-0.01	2.9	-0.01						
		2	Some	142	26	2,526	26	10,142	25	42,869	26													
		3	Quite a bit	252	46	4,662	47	18,458	46	79,322	46													
		4	Very much	133	24	2,396	23	9,880	25	42,588	25													
		Total		546	100	9,913	100	39,855	100	170,447	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	12	2	241	3	1,012	3	3,842	3	<b>3.1</b>	3.0	.06	3.1	-0.01	3.1	.00						
		2	Some	118	22	2,226	23	8,277	21	35,042	21													
		3	Quite a bit	238	44	4,533	46	17,581	44	78,427	46													
		4	Very much	174	32	2,855	28	12,732	33	52,071	31													
		Total		542	100	9,855	100	39,602	100	169,382	100													
b. Taught course sessions in an organized way	ETorganize	1	Very little	35	7	543	6	2,101	6	7,422	5	<b>2.9</b>	2.9	.04	3.0	-0.05	3.0	-0.06						
		2	Some	121	23	2,404	25	8,832	22	37,314	22													
		3	Quite a bit	229	42	4,310	44	16,784	42	75,688	44													
		4	Very much	154	28	2,583	25	11,725	30	48,341	29													
		Total		539	100	9,840	100	39,442	100	168,765	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>						
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	21	4	396	4	1,732	5	6,073	4	<b>3.0</b>	3.0	.00	3.0	-.03	3.0	-.05						
		2	Some	130	25	2,312	24	9,147	23	38,114	23													
		3	Quite a bit	229	42	4,227	43	16,382	41	72,500	43													
		4	Very much	159	29	2,869	29	12,117	31	51,715	31													
		Total		539	100	9,804	100	39,378	100	168,402	100													
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	24	5	706	8	2,732	8	12,108	8	<b>2.9</b>	2.8 ***	.17	2.9 *	.09	2.8 **	.13						
		2	Some	126	24	2,892	30	10,442	27	47,180	28													
		3	Quite a bit	223	43	3,673	37	14,670	36	63,558	37													
		4	Very much	160	28	2,511	25	11,432	29	45,146	27													
		Total		533	100	9,782	100	39,276	100	167,992	100													
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	47	9	939	10	3,068	8	13,980	9	<b>2.8</b>	2.7 **	.12	2.8	-.04	2.7	.03						
		2	Some	140	28	3,253	34	11,628	29	52,394	31													
		3	Quite a bit	217	41	3,558	36	14,401	36	63,069	37													
		4	Very much	126	22	1,976	20	9,966	26	37,655	23													
		Total		530	100	9,726	100	39,063	100	167,098	100													
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	19	4	369	4	1,554	4	6,021	4	<b>3.0</b>	3.0 *	.09	3.0	.01	3.0	.05						
		2	Some	119	22	2,397	25	8,783	22	38,894	23													
		3	Quite a bit	214	42	4,114	42	16,098	41	72,264	43													
		4	Very much	179	33	2,798	29	12,406	33	48,941	30													
		Total		531	100	9,678	100	38,841	100	166,120	100													
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	16	3	300	3	1,271	4	5,075	3	<b>3.0</b>	2.9 *	.10	3.0	.03	3.0	.06						
		2	Some	107	20	2,343	25	8,969	23	38,580	23													
		3	Quite a bit	254	49	4,439	46	17,016	43	75,835	45													
		4	Very much	157	28	2,579	26	11,443	30	46,103	28													
		Total		534	100	9,661	100	38,699	100	165,593	100													
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	29	6	834	9	3,280	9	13,250	8	<b>2.7</b>	2.6	.09	2.7	-.03	2.7	.01						
		2	Some	217	41	3,668	39	13,178	34	58,575	35													
		3	Quite a bit	181	35	3,526	36	14,415	37	63,414	38													
		4	Very much	104	19	1,613	16	7,765	21	29,960	18													
		Total		531	100	9,641	100	38,638	100	165,199	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	13	3	272	3	1,257	4	4,642	3	<b>3.0</b>	3.0	-0.01	3.1	-0.06	3.1	-0.05						
		2	Some	117	22	1,962	21	7,485	19	31,296	19													
		3	Quite a bit	228	43	4,273	45	16,514	42	73,526	44													
		4	Very much	176	32	3,103	31	13,284	35	55,376	34													
		Total		534	100	9,610	100	38,540	100	164,840	100													
<b>6. During the current school year, about how often have you done the following?</b>																								
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	51	10	844	8	4,010	10	15,845	9	<b>2.6</b>	2.6	-0.03	2.6	-0.02	2.6	-0.04						
		2	Sometimes	212	41	3,585	37	14,151	36	59,802	36													
		3	Often	170	32	3,628	39	13,797	37	59,820	37													
		4	Very often	92	17	1,402	15	5,960	16	26,665	17													
		Total		525	100	9,459	100	37,918	100	162,132	100													
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	83	16	1,525	16	6,577	17	27,289	17	<b>2.4</b>	2.4	-0.03	2.4	-0.01	2.4	-0.02						
		2	Sometimes	217	42	3,753	40	14,860	39	63,721	39													
		3	Often	150	30	2,950	32	11,303	30	48,976	30													
		4	Very often	71	13	1,192	13	4,969	14	21,311	14													
		Total		521	100	9,420	100	37,709	100	161,297	100													
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	80	15	1,444	15	6,787	18	26,235	16	<b>2.4</b>	2.4	-0.01	2.3	.04	2.4	.00						
		2	Sometimes	212	40	3,930	42	15,319	40	65,529	40													
		3	Often	170	34	2,978	32	11,174	30	49,956	31													
		4	Very often	56	10	1,018	11	4,181	12	18,779	12													
		Total		518	100	9,370	100	37,461	100	160,499	100													
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</b>																								
a. Up to 5 pages <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	wrshortnum	0	None	44	9	600	6	2,748	8	10,487	7	<b>5.9</b>	6.3	-0.06	6.3	-0.06	6.5 *	-0.10						
		1.5	1-2	102	19	1,970	20	7,486	20	31,260	20													
		4	3-5	189	37	3,263	34	12,133	32	51,145	32													
		8	6-10	105	20	2,001	22	8,302	22	36,401	22													
		13	11-15	40	8	793	9	3,444	9	16,216	10													
		18	16-20	16	3	332	4	1,503	4	6,849	4													
		23	More than 20	20	4	388	4	1,781	5	7,866	5													
Total		516	100	9,347	100	37,397	100	160,224	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### First-Year Students

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

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

				NSSE 2022 & 2023								Your first-year students compared with							
				Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023		
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. Between 6 and 10 pages	wrmednum	0	None	231	44	3,824	40	14,523	40	59,216	38	<b>2.3</b>	2.5	-.05	2.5	-.05	2.5	-.04	
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	143	28	2,894	31	12,197	32	54,708	33								
	4	3-5	77	15	1,486	16	6,074	16	27,519	17									
	8	6-10	45	9	739	8	2,907	8	11,805	8									
	13	11-15	13	2	212	2	832	2	3,863	2									
	18	16-20	0	0	62	1	250	1	1,022	1									
	23	More than 20	4	1	96	1	390	1	1,419	1									
	Total			513	100	9,313	100	37,173	100	159,552	100								
c. 11 pages or more	wrlongnum	0	None	399	77	7,186	76	28,346	76	120,564	75	<b>1.3</b>	1.3	.01	1.3	.02	1.2	.04	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	53	11	1,068	12	4,944	13	23,134	14								
	4	3-5	22	5	436	5	1,555	4	6,764	4									
	8	6-10	18	4	284	3	1,064	3	4,145	3									
	13	11-15	17	3	198	2	752	2	3,053	2									
	18	16-20	1	0	56	1	210	1	736	1									
	23	More than 20	4	1	87	1	350	1	1,285	1									
	Total			514	100	9,315	100	37,221	100	159,681	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>55.3</b>	57.6	-.03	57.1	-.02	56.2	-.01	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of races or ethnicities other than your own	DDrace	1	Never	17	3	389	4	2,812	9	7,977	6	<b>3.1</b>	3.0	.07	2.9 ***	.24	3.0 **	.12	
	2	Sometimes	110	22	2,201	24	9,955	27	40,136	25									
	3	Often	187	36	3,284	35	12,012	31	53,189	33									
	4	Very often	202	39	3,441	37	12,427	32	58,343	36									
		Total			516	100	9,315	100	37,206	100	159,645								100
b. People from economic backgrounds other than your own	DDeconomic	1	Never	16	3	492	5	2,741	9	7,667	6	<b>3.0</b>	2.9	.02	2.9 **	.12	3.0	.00	
	2	Sometimes	136	29	2,390	26	9,634	26	38,611	25									
	3	Often	192	37	3,519	38	13,379	35	59,374	37									
	4	Very often	169	32	2,892	31	11,392	30	53,611	33									
		Total			513	100	9,293	100	37,146	100	159,263								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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. People with religious beliefs other than your own	DDreligion	1	Never	43	8	806	8	3,572	11	11,492	8	<b>2.8</b>	2.8	.04	2.8	.07	2.9	-.04	
		2	Sometimes	141	29	2,818	30	10,707	29	44,001	28								
		3	Often	172	34	3,077	33	12,067	32	53,217	33								
		4	Very often	158	29	2,591	28	10,767	28	50,513	31								
		Total		514	100	9,292	100	37,113	100	159,223	100								
d. People with political views other than your own	DDpolitical	1	Never	68	13	1,098	12	4,058	12	13,564	9	<b>2.6</b>	2.6	.01	2.7	-.09	2.8 ***	▽	
		2	Sometimes	175	35	3,482	38	11,699	32	51,053	32								
		3	Often	153	30	2,723	29	11,685	31	50,619	31								
		4	Very often	115	22	1,979	21	9,654	26	43,875	28								
		Total		511	100	9,282	100	37,096	100	159,111	100								
e. People with sexual orientations other than your own	ddsexorient	1	Never	46	9	824	9	4,350	14	14,199	10	<b>2.8</b>	2.8	-.05	2.7	.08	2.8	-.03	
		2	Sometimes	150	31	2,658	29	10,951	30	45,194	29								
		3	Often	167	32	3,017	32	11,081	29	49,603	30								
		4	Very often	147	28	2,779	30	10,681	28	50,060	31								
		Total		510	100	9,278	100	37,063	100	159,056	100								
f. People from countries other than your own	ddcountry	1	Never	54	11	1,143	12	5,694	17	17,490	12	<b>2.7</b>	2.6 ***	△	.16	2.5 ***	.21	2.6	.09
		2	Sometimes	177	34	3,729	41	14,468	39	61,097	38								
		3	Often	146	29	2,541	27	9,005	24	42,392	26								
		4	Very often	135	26	1,867	20	7,936	21	38,248	24								
		Total		512	100	9,280	100	37,103	100	159,227	100								
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	12	3	197	2	888	3	3,594	3	<b>2.9</b>	2.9	.02	3.0	-.07	3.0	-.04	
		2	Sometimes	128	26	2,368	26	8,860	24	37,976	24								
		3	Often	236	46	4,450	49	17,059	46	74,361	47								
		4	Very often	130	25	2,214	23	10,038	28	42,157	26								
		Total		506	100	9,229	100	36,845	100	158,088	100								
b. Reviewed your notes after class	LSnotes	1	Never	27	6	402	5	1,633	5	7,036	5	<b>2.9</b>	2.8	.02	2.9	-.08	2.9	-.05	
		2	Sometimes	152	31	2,841	32	10,209	28	45,623	29								
		3	Often	170	34	3,460	37	13,447	36	58,199	37								
		4	Very often	153	29	2,524	26	11,535	31	47,154	29								
		Total		502	100	9,227	100	36,824	100	158,012	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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 2022 & 2023								Statistical Comparisons						
				Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Summarized what you learned in class or from course materials	LSummary	1	Never	27	6	486	6	1,690	5	7,313	5	<b>2.8</b>	2.8	.06	2.9	-.08	2.9	-.06
		2	Sometimes	165	33	3,064	34	10,584	29	46,700	30							
		3	Often	190	38	3,618	39	14,753	40	63,465	40							
		4	Very often	122	24	2,063	21	9,785	27	40,443	25							
		Total		504	100	9,231	100	36,812	100	157,921	100							
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																		
	challenge	1	Not at all	4	1	59	1	327	1	1,252	1	<b>5.3</b>	5.2	.02	5.4 *	-.10	5.4	-.07
		2		10	3	115	1	480	1	1,899	1							
		3		19	4	449	5	1,758	5	7,602	5							
		4		72	15	1,354	15	4,786	13	20,088	13							
		5		189	37	3,404	38	12,014	32	54,057	34							
		6		102	22	2,099	22	8,611	23	39,084	24							
		7	Very much	105	20	1,694	17	8,590	24	32,981	21							
		Total		501	100	9,174	100	36,566	100	156,963	100							
<b>11. Which of the following have you done while in college or do you plan to do before you graduate?<sup>f</sup></b>																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	93	19	1,773	20	6,508	20	23,359	16	<b>7%</b>	7%	-.01	7%	-.04	8%	-.05
			Do not plan to do	41	9	615	7	2,855	9	10,282	7							
			Plan to do	329	65	6,212	66	24,488	64	110,771	69							
			Done or in progress	33	7	561	7	2,612	7	12,124	8							
			Total	496	100	9,161	100	36,463	100	156,536	100							
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	167	33	3,006	32	11,323	32	44,845	29	<b>5%</b>	8% *	-.12	9% **	-.16	10% ***	-.20
			Do not plan to do	169	35	2,668	30	10,007	30	38,506	26							
			Plan to do	132	27	2,767	30	11,546	29	56,089	35							
			Done or in progress	25	5	686	8	3,442	9	16,686	10							
			Total	493	100	9,127	100	36,318	100	156,126	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	192	39	3,462	37	13,360	38	53,643	34	<b>10%</b>	9%	.02	9%	.05	11%	-.04
			Do not plan to do	111	23	2,252	26	9,593	28	41,298	27							
			Plan to do	136	28	2,608	27	9,880	26	42,923	27							
			Done or in progress	52	10	777	9	3,367	9	17,705	11							
			Total	491	100	9,099	100	36,200	100	155,569	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	169	35	3,029	33	11,521	32	46,116	30	<b>2%</b>	2%	-.01	2%	-.03	3%	-.06						
			Do not plan to do	182	36	2,913	33	13,357	39	50,106	34													
			Plan to do	134	27	2,994	32	10,450	26	55,166	33													
			Done or in progress	9	2	176	2	894	2	4,261	3													
			Total	494	100	9,112	100	36,222	100	155,649	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	212	43	3,785	41	14,800	41	58,903	38	<b>4%</b>	4%	.00	5%	-.02	5%	-.04						
			Do not plan to do	129	26	2,256	25	9,397	27	36,725	24													
			Plan to do	128	27	2,690	30	10,252	27	51,604	32													
			Done or in progress	21	4	379	4	1,766	5	8,316	5													
			Total	490	100	9,110	100	36,215	100	155,548	100													
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	205	41	3,523	38	13,237	37	52,199	35	<b>4%</b>	2% **	.11	2%	.06	2%	.07						
			Do not plan to do	69	14	1,084	12	4,519	13	17,642	12													
			Plan to do	204	41	4,348	48	17,570	47	82,256	51													
			Done or in progress	15	4	148	2	869	2	3,369	2													
			Total	493	100	9,103	100	36,195	100	155,466	100													

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

servcourse	1	None	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
	2	Some	246	49	3,710	41	15,281	41	65,209	41	<b>1.8</b>	1.6 **	.15	1.7 **	.13	1.6 ***	.15						
	3	Most	41	8	816	9	3,166	8	12,546	8													
	4	All	14	3	158	2	855	3	3,182	2													
	Total	489	100	9,042	100	35,872	100	154,293	100														

#### 13. Indicate the quality of your interactions with the following people at your institution.

a. Students	Q1student	1	Poor	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
		2		12	3	202	2	836	2	3,155	2	<b>5.3</b>	5.3	.00	5.3	-.03	5.4	-.07						
		3		26	6	474	6	1,763	5	7,287	5													
		4		63	12	1,247	14	4,493	12	18,659	12													
		5		147	30	2,593	29	9,249	25	42,510	27													
		6		122	25	2,365	26	8,817	23	42,524	27													
		7	Excellent	109	21	1,914	20	8,147	23	34,830	23													
		—	Not applicable	2	1	102	1	1,879	7	3,117	3													
		Total	490	100	9,048	100	35,970	100	154,655	100														

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

# NSSE 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
b. Academic advisors	QIadvisor	1	Poor	9	2	241	3	953	3	3,926	3	<b>5.4</b>	5.2	.08	5.5	-.07	5.4	-.02						
		2		17	3	333	4	1,194	3	5,239	3													
		3		29	6	618	7	2,238	6	9,848	6													
		4		56	12	1,141	13	4,142	11	18,822	12													
		5		110	22	2,024	23	6,675	18	31,010	20													
		6		110	23	2,047	23	7,648	21	34,454	22													
		7	Excellent	135	27	2,288	24	12,356	35	48,382	31													
		—	Not applicable	23	6	355	4	738	3	2,816	2													
	Total	489	100	9,047	100	35,944	100	154,497	100															
c. Faculty	QIfaculty	1	Poor	10	2	189	2	571	2	2,034	1	<b>5.3</b>	5.2	.09	5.5	-.09	5.4	-.05						
		2		18	3	264	3	766	2	3,069	2													
		3		19	4	503	5	1,736	5	7,314	5													
		4		66	13	1,286	14	4,351	12	19,473	13													
		5		117	24	2,473	28	8,906	24	40,732	26													
		6		121	25	2,376	27	9,636	26	44,175	28													
		7	Excellent	121	24	1,671	18	9,318	27	35,488	24													
		—	Not applicable	16	4	269	3	646	2	2,154	2													
	Total	488	100	9,031	100	35,930	100	154,439	100															
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	16	4	311	3	1,152	3	4,549	3	<b>5.2</b>	5.0 *	.13	5.2	-.01	5.2	.04						
		2		16	3	383	4	1,199	3	5,112	3													
		3		31	6	562	7	2,069	5	9,775	6													
		4		48	10	1,178	14	4,286	11	20,679	13													
		5		96	19	1,903	21	7,017	18	33,439	21													
		6		95	19	1,782	20	7,204	19	33,324	21													
		7	Excellent	113	22	1,618	17	8,148	23	31,914	21													
		—	Not applicable	73	16	1,299	14	4,816	16	15,533	12													
	Total	488	100	9,036	100	35,891	100	154,325	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>						
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	19	4	299	3	1,051	3	4,446	3	<b>5.2</b>	5.0 **	.16	5.3	-.02	5.1	.06						
		2		14	3	395	4	1,233	3	5,490	3													
		3		20	4	653	7	2,308	6	10,352	7													
		4		71	14	1,329	15	4,670	13	21,862	14													
		5		99	20	1,954	22	7,405	20	34,125	22													
		6		97	21	1,753	20	7,529	20	33,016	21													
		7	Excellent	119	23	1,604	17	8,958	26	32,626	21													
		—	Not applicable	50	11	1,049	12	2,792	9	12,551	9													
	Total	489	100	9,036	100	35,946	100	154,468	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	8	1	178	2	695	2	2,712	2	<b>3.0</b>	3.0	-.02	3.0	-.04	3.0	-.05						
		2	Some	113	24	1,877	21	7,566	21	31,265	21													
		3	Quite a bit	224	46	4,333	49	17,020	47	73,169	48													
		4	Very much	141	28	2,606	28	10,504	29	46,667	29													
			Total	486	100	8,994	100	35,785	100	153,813	100													
b. Providing support to help students succeed academically	SEacademic	1	Very little	17	4	398	5	1,827	6	6,624	5	<b>3.0</b>	2.9 *	.10	3.0	.00	2.9	.02						
		2	Some	121	26	2,402	28	8,242	23	36,408	24													
		3	Quite a bit	200	41	3,848	43	14,780	40	66,791	43													
		4	Very much	145	29	2,335	24	10,857	31	43,614	28													
			Total	483	100	8,983	100	35,706	100	153,437	100													
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	46	10	698	8	2,601	8	9,889	7	<b>2.9</b>	2.9	-.03	3.0 *	-.12	3.0 *	-.12						
		2	Some	107	23	1,911	22	6,927	20	30,572	20													
		3	Quite a bit	168	35	3,483	39	13,289	37	59,913	39													
		4	Very much	159	32	2,866	30	12,827	35	52,905	34													
			Total	480	100	8,958	100	35,644	100	153,279	100													
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	23	5	957	11	4,188	13	15,964	11	<b>2.9</b>	2.7 ***	.20	2.7 ***	.19	2.7 ***	.16						
		2	Some	139	30	2,652	30	10,233	29	45,121	30													
		3	Quite a bit	187	38	3,318	37	12,510	34	55,659	36													
		4	Very much	129	27	2,036	22	8,677	24	36,402	24													
			Total	478	100	8,963	100	35,608	100	153,146	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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>						
				Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Providing opportunities to be involved socially	SEsocial	1	Very little	35	8	683	8	2,748	9	9,252	7	<b>2.8</b>	2.8	.07	2.8	.01	2.9	-.07
		2	Some	123	26	2,477	29	8,919	26	37,155	25							
		3	Quite a bit	198	41	3,619	41	13,896	38	62,846	41							
		4	Very much	123	25	2,174	22	9,979	27	43,689	28							
		Total		479	100	8,953	100	35,542	100	152,942	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	31	7	688	8	3,032	9	11,699	8	<b>2.9</b>	2.8 *	.11	2.8	.08	2.8	.07
		2	Some	119	25	2,475	29	9,353	27	41,234	27							
		3	Quite a bit	184	39	3,500	39	13,496	37	60,177	39							
		4	Very much	144	28	2,274	24	9,627	26	39,715	26							
		Total		478	100	8,937	100	35,508	100	152,825	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	71	16	2,022	24	7,974	23	35,578	24	<b>2.5</b>	2.3 ***	.24	2.3 ***	.18	2.3 ***	.23
		2	Some	158	33	3,272	37	12,681	35	57,429	37							
		3	Quite a bit	174	37	2,481	27	9,597	27	39,898	26							
		4	Very much	75	14	1,147	12	5,210	15	19,663	13							
		Total		478	100	8,922	100	35,462	100	152,568	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	66	14	1,213	14	5,258	18	14,807	11	<b>2.6</b>	2.6	.04	2.6	.05	2.8 *	-.11
		2	Some	122	27	2,627	30	9,167	26	39,789	26							
		3	Quite a bit	184	39	3,299	37	12,624	34	59,326	38							
		4	Very much	104	20	1,776	19	8,354	22	38,544	25							
		Total		476	100	8,915	100	35,403	100	152,466	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	87	19	1,867	21	7,312	23	26,467	19	<b>2.4</b>	2.3 *	.12	2.3	.08	2.4	.01
		2	Some	168	36	3,344	38	12,071	34	55,083	36							
		3	Quite a bit	144	30	2,549	29	10,472	28	47,514	30							
		4	Very much	79	15	1,150	12	5,552	15	23,379	15							
		Total		478	100	8,910	100	35,407	100	152,443	100							

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

# NSSE 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>15. To what extent do you agree or disagree with the following statements?</b>																		
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	7	2	159	2	814	2	3,279	2	<b>3.2</b>	3.1	.07	3.2	-.07	3.2	-.04
		2	Disagree	36	9	795	10	2,900	8	13,225	9							
		3	Agree	291	59	5,514	62	19,579	54	85,328	55							
		4	Strongly agree	146	30	2,453	27	12,091	35	50,588	34							
		Total		480	100	8,921	100	35,384	100	152,420	100							
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	12	3	299	4	1,249	4	5,786	4	<b>3.0</b>	2.9 **	.14	3.0	-.04	3.0	.04
		2	Disagree	74	16	1,610	19	5,554	15	26,601	18							
		3	Agree	293	59	5,501	61	20,155	56	86,818	56							
		4	Strongly agree	101	21	1,501	16	8,385	25	33,013	22							
		Total		480	100	8,911	100	35,343	100	152,218	100							
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	13	4	344	4	1,462	5	6,115	4	<b>2.9</b>	2.9 *	.11	3.0	-.04	3.0	-.03
		2	Disagree	91	20	1,837	21	6,156	18	27,141	18							
		3	Agree	274	55	5,193	58	19,266	54	83,492	54							
		4	Strongly agree	101	21	1,545	16	8,479	24	35,619	23							
		Total		479	100	8,919	100	35,363	100	152,367	100							
<b>16. About how many hours do you spend in a typical 7-day week doing the following?</b>																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	3	1	40	0	189	1	654	1	<b>13.5</b>	14.5 **	-.13	14.3 *	-.10	14.9 ***	-.17
		3	1-5 hrs	75	15	1,107	12	4,709	14	17,077	12							
		8	6-10 hrs	128	28	2,117	23	8,078	23	32,638	22							
		13	11-15 hrs	90	19	1,988	22	7,878	22	34,679	23							
		18	16-20 hrs	87	18	1,714	19	6,951	20	31,091	20							
		23	21-25 hrs	45	10	1,008	11	3,859	11	18,314	12							
		28	26-30 hrs	31	6	434	5	1,831	5	8,939	6							
		33	More than 30 hrs	19	4	497	6	1,773	5	8,521	6							
Total		478	100	8,905	100	35,268	100	151,913	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023	
				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>	Mean	Effect size <sup>e</sup>				
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmocurrhrs	0	0 hrs	256	53	4,426	49	14,487	45	51,267	36	<b>3.6</b>	4.1	-.07	4.8 ***	-.16	5.4 ***	-.25							
	(Recorded version of tmocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	120	25	2,412	27	9,826	26	48,057	30														
	8	6-10 hrs	36	8	888	10	4,477	12	22,714	15															
	13	11-15 hrs	37	8	564	7	2,772	7	13,677	9															
	18	16-20 hrs	15	3	321	4	1,816	5	8,158	5															
	23	21-25 hrs	8	2	143	2	902	2	4,168	3															
	28	26-30 hrs	3	1	55	1	382	1	1,561	1															
	33	More than 30 hrs	2	0	81	1	522	1	1,980	1															
	Total			477	100	8,890	100	35,184	100	151,582	100														
c. Working for pay on campus	tmworkonhrs	0	0 hrs	416	86	7,449	83	28,398	82	118,062	79	<b>2.1</b>	2.2	-.01	2.2	-.01	2.5	-.07							
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	1	195	2	1,335	3	6,627	4														
	8	6-10 hrs	12	3	364	4	2,064	5	10,592	6															
	13	11-15 hrs	16	3	420	5	1,495	4	7,943	5															
	18	16-20 hrs	13	2	323	4	1,178	3	5,258	4															
	23	21-25 hrs	12	3	83	1	376	1	1,894	1															
	28	26-30 hrs	3	1	16	0	152	0	527	0															
	33	More than 30 hrs	1	0	41	1	183	1	802	1															
	Total			480	100	8,891	100	35,181	100	151,705	100														
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	278	57	5,670	66	20,190	55	97,596	63	<b>7.1</b>	5.7 **	.14	9.1 ***	-.17	6.6	.05							
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	20	5	441	5	1,764	5	7,602	5														
	8	6-10 hrs	33	7	485	5	2,130	6	8,688	6															
	13	11-15 hrs	36	8	536	6	2,216	6	9,226	6															
	18	16-20 hrs	53	11	637	6	2,419	7	9,618	6															
	23	21-25 hrs	30	7	521	5	1,903	5	6,978	5															
	28	26-30 hrs	15	3	282	3	1,218	4	4,023	3															
	33	More than 30 hrs	10	3	322	4	3,379	13	8,031	7															
	Total			475	100	8,894	100	35,219	100	151,762	100														
Estimated number of hours working for pay	tmworkhrs										<b>9.1</b>	7.9 *	.11	11.3 ***	-.16	9.0	.01								
(Continuous variable created by NSSE)																									

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

# NSSE 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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 2022 & 2023								Statistical Comparisons						
				Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	339	71	6,342	71	22,894	65	96,861	64	<b>2.0</b>	1.9	.04	2.3	-.05	2.2	-.04
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	81	17	1,715	19	8,276	23	38,347	24							
	8	6-10 hrs	30	6	406	5	2,010	6	7,925	5								
	13	11-15 hrs	10	2	227	3	948	3	4,169	3								
	18	16-20 hrs	9	2	102	1	533	2	2,167	2								
	23	21-25 hrs	3	1	48	1	254	1	1,235	1								
	28	26-30 hrs	2	0	23	0	98	0	345	0								
	33	More than 30 hrs	2	0	33	0	190	1	617	0								
	Total			476	100	8,896	100	35,203	100	151,666	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	11	2	212	2	1,074	3	3,268	2	<b>12.1</b>	12.2	-.02	11.7	.05	12.3	-.03
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	136	27	2,005	22	8,232	24	30,777	20							
	8	6-10 hrs	117	27	2,451	27	9,446	26	41,327	27								
	13	11-15 hrs	69	14	1,780	20	6,789	19	32,191	21								
	18	16-20 hrs	59	12	1,144	13	4,609	13	21,439	14								
	23	21-25 hrs	29	6	503	6	2,124	6	9,842	7								
	28	26-30 hrs	16	4	249	3	1,012	3	4,432	3								
	33	More than 30 hrs	39	8	537	7	1,925	6	8,369	6								
	Total			476	100	8,881	100	35,211	100	151,645	100							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	299	61	6,076	71	23,705	64	114,269	74	<b>4.1</b>	3.0 **	.17	5.3 **	-.12	3.3 *	.11
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	76	17	1,216	13	4,150	12	14,993	10							
	8	6-10 hrs	42	9	634	7	2,010	6	6,907	5								
	13	11-15 hrs	22	5	361	4	1,335	4	4,916	3								
	18	16-20 hrs	13	3	208	2	832	3	2,809	2								
	23	21-25 hrs	7	1	98	1	488	2	1,736	1								
	28	26-30 hrs	5	1	51	1	295	1	777	1								
	33	More than 30 hrs	15	3	212	2	2,339	9	4,908	4								
	Total			479	100	8,856	100	35,154	100	151,315	100							

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

# NSSE 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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 2022 & 2023								Sacramento State							
				Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023		Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023	
		Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	88	17	2,192	27	16,034	46	66,374	43	<b>6.3</b>	5.0 *** ▲	.22	3.9 *** ▲	.40	3.9 *** ▲	.40	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	210	44	4,017	44	11,472	32	53,246	35								
	8	6-10 hrs	100	21	1,513	16	4,015	11	16,973	12									
	13	11-15 hrs	35	8	584	7	1,710	5	7,208	5									
	18	16-20 hrs	25	5	264	3	849	2	3,492	2									
	23	21-25 hrs	7	1	127	1	435	1	1,902	1									
	28	26-30 hrs	3	1	51	1	202	1	769	1									
	33	More than 30 hrs	12	3	132	2	492	1	1,712	1									
	Total		480	100	8,880	100	35,209	100	151,676	100									
<b>17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																			
	reading	1	Very little	44	10	988	12	4,585	13	21,182	15	<b>2.8</b>	2.7	.05	2.7	.02	2.6 ** ▲	.12	
		2	Some	170	35	3,136	36	12,184	34	53,918	36								
		3	About half	152	32	2,631	29	9,826	28	41,704	27								
		4	Most	76	16	1,521	17	6,063	18	24,959	16								
		5	Almost all	34	7	577	6	2,436	7	9,379	6								
	Total			476	100	8,853	100	35,094	100	151,142	100								
	tmreadinghrs	<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>										<b>6.4</b>	6.5	-.02	6.6	-.04	6.4	-.01	
	tmreadinghrscol	1	0 hrs	3	1	38	0	186	1	638	1								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	256	55	4,571	52	18,498	52	78,306	53								
		3	More than 5, up to 10 hrs	121	24	2,585	29	9,550	27	43,069	28								
		4	More than 10, up to 15 hrs	49	11	792	9	3,356	10	14,614	9								
		5	More than 15, up to 20 hrs	21	5	437	5	1,725	5	7,424	5								
		6	More than 20, up to 25 hrs	13	3	281	3	1,066	3	4,484	3								
		7	More than 25 hrs	10	2	116	1	558	2	1,995	1								
	Total			473	100	8,820	100	34,939	100	150,530	100								

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

# NSSE 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023	
				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>18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																									
a. Writing clearly and effectively	pgwrite	1	Very little	15	3	547	7	1,985	6	9,814	7	<b>2.9</b>		2.8 ***	.19	2.9 *	.08	2.8 ***	.15						
	2	Some	104	22	2,380	27	8,866	25	40,761	27	△														
	3	Quite a bit	238	51	4,055	45	15,497	43	65,863	43	△														
	4	Very much	118	24	1,866	20	8,737	25	34,739	23	△														
	Total		475	100	8,848	100	35,085	100	151,177	100															
b. Speaking clearly and effectively	pgspeak	1	Very little	21	5	714	9	3,014	10	15,434	11	<b>2.9</b>		2.7 ***	.19	2.8 ***	.15	2.7 ***	.23						
	2	Some	122	27	2,545	29	9,924	28	46,212	30	△														
	3	Quite a bit	208	43	3,690	41	13,978	39	57,952	38	△														
	4	Very much	124	26	1,887	20	8,110	23	31,345	21	△														
	Total		475	100	8,836	100	35,026	100	150,943	100															
c. Thinking critically and analytically	pgthink	1	Very little	9	2	258	3	1,004	3	4,260	3	<b>3.1</b>		3.0 *	.11	3.1	.04	3.1	.05						
	2	Some	79	17	1,713	20	6,648	19	28,762	19	△														
	3	Quite a bit	234	49	4,142	47	15,774	44	68,097	44															
	4	Very much	154	32	2,722	30	11,601	34	49,827	33															
	Total		476	100	8,835	100	35,027	100	150,946	100															
d. Analyzing numerical and statistical information	pganalyze	1	Very little	36	8	885	10	4,135	11	17,717	11	<b>2.8</b>		2.7	.07	2.7	.08	2.7	.08						
	2	Some	145	29	2,609	29	10,771	30	45,759	30															
	3	Quite a bit	181	40	3,468	39	12,585	36	54,646	36															
	4	Very much	110	23	1,871	21	7,541	23	32,791	22															
	Total		472	100	8,833	100	35,032	100	150,913	100															
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	80	17	1,426	17	4,220	13	19,369	13	<b>2.6</b>		2.5	.09	2.7 *	-.11	2.6	-.06						
	2	Some	144	31	3,006	34	10,649	30	48,291	32															
	3	Quite a bit	151	32	2,920	33	12,233	34	52,298	34															
	4	Very much	98	21	1,469	16	7,925	23	30,999	21															
	Total		473	100	8,821	100	35,027	100	150,957	100															
f. Working effectively with others	pgothers	1	Very little	24	6	560	7	2,614	9	10,113	8	<b>2.9</b>		2.8 *	.11	2.8 *	.10	2.8	.09						
	2	Some	122	27	2,467	29	9,271	27	41,577	28	△														
	3	Quite a bit	192	40	3,740	42	14,158	39	62,191	40	△														
	4	Very much	134	27	2,062	22	8,970	25	37,049	24															
	Total		472	100	8,829	100	35,013	100	150,930	100															

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

# NSSE 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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 2022 & 2023								Statistical Comparisons						
				Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	40	9	941	12	3,417	11	15,305	11	<b>2.7</b>	2.6 **	.14	2.7	.03	2.7	.04
		2	Some	132	29	2,850	33	9,872	28	43,575	29							
		3	Quite a bit	190	40	3,371	37	13,583	38	58,181	38							
		4	Very much	108	22	1,671	18	8,120	23	33,757	22							
		Total		470	100	8,833	100	34,992	100	150,818	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	27	6	664	8	2,815	9	11,932	9	<b>3.0</b>	2.8 ***	.18	2.8 ***	.18	2.8 ***	.18
		2	Some	93	21	2,268	27	9,035	26	40,401	27							
		3	Quite a bit	196	42	3,546	40	13,564	37	58,751	38							
		4	Very much	153	31	2,347	25	9,590	27	39,825	26							
		Total		469	100	8,825	100	35,004	100	150,909	100							
i. Solving complex real-world problems	pgprobolve	1	Very little	57	13	958	11	3,629	11	15,515	11	<b>2.7</b>	2.6	.08	2.7	.00	2.7	.01
		2	Some	138	30	2,995	34	11,141	32	48,787	32							
		3	Quite a bit	168	35	3,258	37	12,794	36	55,335	36							
		4	Very much	109	23	1,619	17	7,470	21	31,387	21							
		Total		472	100	8,830	100	35,034	100	151,024	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	52	11	1,077	13	3,893	12	17,050	12	<b>2.7</b>	2.6 **	.13	2.7	.05	2.6	.06
		2	Some	145	31	2,969	34	11,111	32	48,712	32							
		3	Quite a bit	165	34	3,137	35	12,476	34	53,864	35							
		4	Very much	110	24	1,673	18	7,639	22	31,671	21							
		Total		472	100	8,856	100	35,119	100	151,297	100							
<b>19. How would you evaluate your entire educational experience at this institution?</b>																		
	evalexp	1	Poor	7	2	182	2	816	2	3,346	2	<b>3.0</b>	3.0	.08	3.1 *	-.09	3.1	-.06
		2	Fair	75	16	1,685	20	5,695	16	24,304	17							
		3	Good	270	56	4,928	55	17,979	50	79,132	51							
		4	Excellent	117	25	2,065	23	10,705	32	44,967	30							
		Total		469	100	8,860	100	35,195	100	151,749	100							
<b>20. If you could start over again, would you go to the same institution you are now attending?</b>																		
	sameinst	1	Definitely no	10	3	298	4	1,371	4	5,769	4	<b>3.2</b>	3.1 ***	.17	3.2	.00	3.2	.04
		2	Probably no	54	12	1,386	16	4,894	13	21,205	14							
		3	Probably yes	236	50	4,548	51	15,773	44	69,974	46							
		4	Definitely yes	173	36	2,672	29	13,344	39	55,459	37							
		Total		473	100	8,904	100	35,382	100	152,407	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>21. Do you intend to return to this institution next year?<sup>f</sup></b>																		
	returnexp	No		16	4	292	4	1,537	4	6,566	4	<b>86%</b>	89%	-.08	87%	-.03	88%	-.05
(Means indicate the percentage who responded "Yes.")		Yes		429	86	8,019	89	31,040	87	134,659	88							
		Not sure		38	10	603	7	2,867	8	11,432	8							
		Total		483	100	8,914	100	35,444	100	152,657	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
<b>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	57	3	634	3	2,180	4	6,590	3	<b>2.9</b>	3.0	-.04	3.0 ***	-.09	3.0 ***	-.11	▽	▽				
		2	Sometimes	574	32	5,996	30	14,578	26	57,467	27													
		3	Often	586	32	6,440	32	17,991	31	70,991	32													
		4	Very often	604	33	6,994	35	22,092	38	86,655	38													
		Total		1,821	100	20,064	100	56,841	100	221,703	100													
b. Asked another student to help you understand course material	CLaskhelp	1	Never	211	12	2,434	13	11,855	23	37,294	18	<b>2.5</b>	2.5	.00	2.3 ***	.22	2.4 ***	.12	△	△				
		2	Sometimes	804	44	8,408	42	22,484	39	89,767	41													
		3	Often	473	25	5,431	27	13,349	22	56,384	25													
		4	Very often	349	19	3,734	18	8,979	15	37,469	16													
		Total		1,837	100	20,007	100	56,667	100	220,914	100													
c. Explained course material to one or more students	CLexplain	1	Never	118	6	1,526	8	8,244	17	23,759	12	<b>2.7</b>	2.7	.02	2.5 ***	.19	2.6 ***	.08	△	△				
		2	Sometimes	730	40	7,988	40	20,617	36	80,178	37													
		3	Often	626	34	6,471	32	16,816	28	70,914	31													
		4	Very often	358	20	3,997	20	10,951	18	45,781	20													
		Total		1,832	100	19,982	100	56,628	100	220,632	100													
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	306	17	4,064	21	15,801	31	52,710	26	<b>2.4</b>	2.4 *	.05	2.2 ***	.22	2.3 ***	.11	△	△				
		2	Sometimes	727	39	7,323	37	18,867	33	75,305	34													
		3	Often	492	28	5,149	25	12,804	21	53,449	23													
		4	Very often	297	16	3,335	17	8,843	15	38,036	17													
		Total		1,822	100	19,871	100	56,315	100	219,500	100													
e. Worked with other students on course projects or assignments	CLproject	1	Never	98	6	1,165	6	8,713	18	23,137	12	<b>2.8</b>	2.9 ***	-.09	2.6 ***	.22	2.7 ***	.07	▽	△				
		2	Sometimes	579	32	5,550	28	15,914	28	62,519	29													
		3	Often	662	36	7,068	35	17,421	29	73,242	33													
		4	Very often	479	26	6,037	31	14,052	24	59,791	27													
		Total		1,818	100	19,820	100	56,100	100	218,689	100													
f. Given a course presentation	present	1	Never	232	13	2,040	10	8,808	18	28,518	14	<b>2.5</b>	2.7 ***	-.13	2.5	.04	2.6	-.03	▽	▽				
		2	Sometimes	695	38	6,938	36	19,214	34	76,552	36													
		3	Often	544	30	6,280	31	16,157	28	65,611	29													
		4	Very often	345	19	4,518	23	11,816	20	47,658	21													
		Total		1,816	100	19,776	100	55,995	100	218,339	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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 2022 & 2023								Your seniors compared with							
				Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>2. During the current school year, about how often have you done the following?</b>																			
a. Combined ideas from different courses when completing assignments	RIntegrate	1	Never	68	4	770	4	2,809	6	9,450	5	<b>2.9</b>	3.0	-.03	2.9	.03	2.9	.00	
		2	Sometimes	501	28	5,051	26	14,856	27	56,976	27								
		3	Often	710	39	7,855	40	21,547	38	85,479	39								
		4	Very often	523	29	5,951	30	16,249	29	64,416	29								
		Total		1,802	100	19,627	100	55,461	100	216,321	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	138	9	1,311	8	3,856	8	14,498	8	<b>2.8</b>	2.8	-.01	2.8	.02	2.8	.01	
		2	Sometimes	491	28	5,491	29	16,053	30	62,841	30								
		3	Often	624	35	7,047	35	19,781	35	77,157	35								
		4	Very often	542	28	5,688	28	15,467	27	60,628	27								
		Total		1,795	100	19,537	100	55,157	100	215,124	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	177	11	2,073	12	6,358	13	23,340	13	<b>2.8</b>	2.7	.04	2.7 ***	.10	2.7 **	.07	
		2	Sometimes	487	29	5,773	31	16,948	32	66,141	31								
		3	Often	609	34	6,325	32	17,568	31	69,128	31								
		4	Very often	510	27	5,286	26	13,987	24	55,289	25								
		Total		1,783	100	19,457	100	54,861	100	213,898	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	83	5	915	5	2,641	5	9,656	5	<b>2.9</b>	2.9	.00	2.9	.00	2.9	-.01	
		2	Sometimes	481	28	5,121	27	14,591	27	57,014	27								
		3	Often	748	42	8,359	43	23,164	42	91,257	43								
		4	Very often	461	26	4,928	25	14,021	25	54,251	25								
		Total		1,773	100	19,323	100	54,417	100	212,178	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	32	2	518	3	1,764	4	6,444	4	<b>3.1</b>	3.0 *	.06	3.0 ***	.10	3.0 ***	.09	
		2	Sometimes	350	21	4,188	23	12,140	23	47,088	23								
		3	Often	803	45	8,369	43	23,632	43	92,979	44								
		4	Very often	574	32	6,067	31	16,277	30	63,186	30								
		Total		1,759	100	19,142	100	53,813	100	209,697	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	31	2	408	2	1,307	3	4,694	3	<b>3.0</b>	3.0	-.01	3.0 *	.05	3.0	.03	
		2	Sometimes	395	24	4,385	24	13,463	26	51,083	25								
		3	Often	782	45	8,182	43	22,700	42	90,000	43								
		4	Very often	529	29	5,959	31	15,683	29	61,466	29								
		Total		1,737	100	18,934	100	53,153	100	207,243	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	21	1	203	1	618	1	2,322	1	3.2	3.2	-0.02	3.2	-0.02	3.2	-0.02							
		2	Sometimes	264	17	2,749	15	7,592	15	29,366	15														
		3	Often	716	43	8,366	44	23,482	44	92,007	45														
		4	Very often	711	40	7,503	39	21,047	40	81,775	39														
		Total		1,712	100	18,821	100	52,739	100	205,470	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	343	21	3,729	20	9,273	19	34,676	19	2.3	2.4	-0.01	2.4 ***	-0.09	2.4 ***	-0.09							
		2	Sometimes	688	40	7,656	41	19,723	38	78,693	39														
		3	Often	397	23	4,151	21	12,887	23	49,972	23														
		4	Very often	286	16	3,265	17	10,818	19	42,006	19														
		Total		1,714	100	18,801	100	52,701	100	205,347	100														
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	811	48	8,566	45	23,329	47	83,364	43	1.9	1.9	-0.05	1.9	-0.04	2.0 ***	-0.10							
		2	Sometimes	475	28	5,373	29	14,825	27	61,193	29														
		3	Often	244	14	2,752	15	7,841	14	33,512	16														
		4	Very often	173	10	2,055	11	6,498	12	26,456	12														
		Total		1,703	100	18,746	100	52,493	100	204,525	100														
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	527	30	6,124	32	16,273	33	57,042	30	2.1	2.1	.00	2.1	-0.01	2.1 *	-0.05							
		2	Sometimes	670	40	7,001	38	19,050	36	77,953	38														
		3	Often	317	19	3,470	19	10,247	19	41,923	20														
		4	Very often	177	10	2,036	11	6,517	12	26,052	12														
		Total		1,691	100	18,631	100	52,087	100	202,970	100														
d. Discussed your academic performance with a faculty member	SFperform	1	Never	444	26	4,953	27	11,567	24	46,774	25	2.2	2.1	.02	2.2 ***	-0.08	2.2	-0.04							
		2	Sometimes	714	42	7,809	42	21,446	41	85,956	42														
		3	Often	332	20	3,851	21	11,984	22	44,493	21														
		4	Very often	201	12	2,021	11	7,073	13	25,803	12														
		Total		1,691	100	18,634	100	52,070	100	203,026	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	88	5	1,241	7	4,189	8	16,569	8	2.9	2.8 ***	.10	2.7 ***	.15	2.7 ***	.14							
		2	Some	465	28	5,400	30	15,949	31	61,354	31														
		3	Quite a bit	717	43	7,553	40	20,090	38	77,896	38														
		4	Very much	409	25	4,338	22	11,515	22	45,981	22														
		Total		1,679	100	18,532	100	51,743	100	201,800	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>						
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	58	4	556	3	1,480	3	5,716	3	<b>3.1</b>	3.0	.03	3.1	.00	3.1	-.01						
		2	Some	318	19	3,808	21	10,020	20	38,378	19													
		3	Quite a bit	727	44	7,994	43	22,655	44	88,861	44													
		4	Very much	568	34	6,081	32	17,364	33	67,936	33													
		Total		1,671	100	18,439	100	51,519	100	200,891	100													
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	57	4	591	3	1,681	3	6,437	3	<b>3.1</b>	3.0	.03	3.0	.03	3.1	.02						
		2	Some	320	19	3,801	21	10,613	21	40,943	21													
		3	Quite a bit	721	44	7,741	42	21,791	43	85,395	43													
		4	Very much	554	33	6,135	33	16,922	33	66,410	33													
		Total		1,652	100	18,268	100	51,007	100	199,185	100													
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	65	4	711	4	2,040	4	8,933	5	<b>3.0</b>	3.0	.05	3.0	.04	3.0 *	.06						
		2	Some	322	20	3,919	23	10,903	22	43,562	23													
		3	Quite a bit	708	43	7,681	42	21,772	43	83,727	42													
		4	Very much	544	32	5,898	31	16,070	31	62,058	31													
		Total		1,639	100	18,209	100	50,785	100	198,280	100													
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	53	3	582	4	1,671	4	6,779	4	<b>3.0</b>	3.0	.01	3.0	.02	3.0	.03						
		2	Some	320	20	3,830	22	10,719	22	42,244	22													
		3	Quite a bit	766	47	8,012	44	22,569	44	87,567	44													
		4	Very much	496	30	5,712	31	15,598	30	60,791	30													
		Total		1,635	100	18,136	100	50,557	100	197,381	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	25	2	379	2	1,320	3	4,478	3	<b>3.2</b>	3.1 *	.05	3.2	.04	3.2	.04						
		2	Some	262	16	3,331	19	8,936	18	34,176	18													
		3	Quite a bit	715	44	7,486	41	20,548	40	83,520	42													
		4	Very much	623	38	6,845	38	19,480	39	74,152	38													
		Total		1,625	100	18,041	100	50,284	100	196,326	100													
b. Taught course sessions in an organized way	ETorganize	1	Very little	73	5	798	5	2,482	5	8,040	4	<b>3.0</b>	3.0	.02	3.1	.00	3.1	-.02						
		2	Some	317	19	3,747	21	9,768	20	37,287	19													
		3	Quite a bit	676	42	7,481	42	20,262	40	82,753	42													
		4	Very much	552	34	5,968	33	17,630	35	67,726	35													
		Total		1,618	100	17,994	100	50,142	100	195,806	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### Seniors

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

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

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>						
				Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	48	3	639	4	2,165	5	7,110	4	<b>3.1</b>	3.1 *	.06	3.1 **	.08	3.1 *	.05
		2	Some	305	19	3,628	20	9,951	20	37,775	20							
		3	Quite a bit	652	40	7,184	40	19,395	38	78,103	40							
		4	Very much	610	38	6,537	36	18,569	37	72,481	37							
		Total		1,615	100	17,988	100	50,080	100	195,469	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	129	8	1,423	8	4,291	9	16,589	9	<b>2.9</b>	2.9	.03	2.9	.01	2.8	.03
		2	Some	414	26	4,881	28	12,816	26	51,075	27							
		3	Quite a bit	601	37	6,195	34	16,856	33	67,405	34							
		4	Very much	466	29	5,428	30	16,007	31	60,083	30							
		Total		1,610	100	17,927	100	49,970	100	195,152	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	126	8	1,446	8	3,742	8	14,343	8	<b>2.8</b>	2.8	.03	2.9 *	-.05	2.8	-.02
		2	Some	453	28	5,198	29	12,924	26	52,530	27							
		3	Quite a bit	604	38	6,467	36	18,233	36	72,668	37							
		4	Very much	428	27	4,764	26	14,877	30	54,834	28							
		Total		1,611	100	17,875	100	49,776	100	194,375	100							
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	53	3	637	4	1,891	4	6,902	4	<b>3.1</b>	3.1	.05	3.1	-.01	3.1	.02
		2	Some	302	19	3,773	21	9,671	19	38,750	20							
		3	Quite a bit	694	43	7,233	41	19,438	39	79,173	40							
		4	Very much	556	35	6,152	34	18,552	38	68,724	36							
		Total		1,605	100	17,795	100	49,552	100	193,549	100							
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	40	3	507	3	1,792	4	6,161	4	<b>3.1</b>	3.1	.02	3.1	.03	3.1	.02
		2	Some	311	20	3,547	20	9,725	20	37,993	20							
		3	Quite a bit	700	44	7,644	43	20,639	41	83,162	43							
		4	Very much	542	34	6,072	34	17,248	35	65,729	34							
		Total		1,593	100	17,770	100	49,404	100	193,045	100							
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	128	8	1,412	8	3,843	8	14,113	8	<b>2.8</b>	2.8	-.01	2.8 *	-.06	2.8	-.04
		2	Some	474	29	5,456	30	14,116	28	56,689	29							
		3	Quite a bit	657	42	6,768	39	18,776	38	75,299	39							
		4	Very much	335	21	4,101	23	12,621	25	46,673	24							
		Total		1,594	100	17,737	100	49,356	100	192,774	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>						
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	38	3	525	3	1,679	4	5,670	3	<b>3.2</b>	3.1	.02	3.1	.01	3.1	.01							
		2	Some	271	17	2,970	17	8,248	17	31,940	17														
		3	Quite a bit	684	43	7,444	42	20,178	41	80,840	42														
		4	Very much	604	37	6,795	37	19,201	39	74,129	38														
		Total		1,597	100	17,734	100	49,306	100	192,579	100														
<b>6. During the current school year, about how often have you done the following?</b>																									
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	172	10	1,686	10	5,078	10	19,317	10	<b>2.7</b>	2.7	-.01	2.7	.01	2.7	-.01							
		2	Sometimes	521	32	6,017	33	16,590	34	63,639	33														
		3	Often	563	37	6,273	36	17,043	35	67,083	36														
		4	Very often	322	21	3,562	21	9,956	21	40,050	22														
		Total		1,578	100	17,538	100	48,667	100	190,089	100														
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	222	14	2,659	15	7,604	16	29,592	16	<b>2.6</b>	2.5	.04	2.5 *	.05	2.5	.04							
		2	Sometimes	565	35	6,325	36	17,498	36	67,510	35														
		3	Often	494	32	5,334	31	14,808	31	57,717	30														
		4	Very often	292	19	3,164	18	8,578	18	34,574	18														
		Total		1,573	100	17,482	100	48,488	100	189,393	100														
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	226	14	2,435	14	7,868	16	28,038	15	<b>2.5</b>	2.5	.00	2.5 **	.07	2.5	.02							
		2	Sometimes	582	36	6,506	37	18,121	37	69,495	37														
		3	Often	509	33	5,568	32	14,661	30	59,551	32														
		4	Very often	252	17	2,916	17	7,624	16	31,454	17														
		Total		1,569	100	17,425	100	48,274	100	188,538	100														
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</b>																									
a. Up to 5 pages <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	wrshortnum	0	None	106	7	910	5	3,133	7	11,969	7	<b>7.3</b>	7.9 **	-.08	7.6	-.04	7.6	-.04							
		1.5	1-2	252	16	2,749	16	8,288	17	33,463	18														
		4	3-5	465	30	5,248	30	14,090	29	54,416	29														
		8	6-10	347	22	4,048	24	10,736	22	41,050	22														
		13	11-15	181	11	1,911	11	5,134	11	20,530	11														
		18	16-20	95	6	929	5	2,595	5	10,427	6														
23	More than 20	112	7	1,592	9	4,168	9	16,333	9																
Total		1,558	100	17,387	100	48,144	100	188,188	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Between 6 and 10 pages	wrmednum	0	None	391	26	3,736	22	11,655	24	47,265	26	<b>3.7</b>	4.1 *	▽	-0.07	3.8	-0.01	3.6	.03
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	482	31	5,405	31	15,191	31	60,771	32								
		4	3-5	337	21	4,275	25	11,332	24	43,655	23								
		8	6-10	210	14	2,306	13	5,940	12	21,589	12								
		13	11-15	78	5	862	5	2,094	4	7,821	4								
		18	16-20	24	1	310	2	777	2	2,841	2								
		23	More than 20	28	2	403	2	948	2	3,520	2								
	Total			1,550	100	17,297	100	47,937	100	187,462	100								
c. 11 pages or more	wrlongnum	0	None	811	52	8,214	47	23,816	49	93,216	50	<b>2.2</b>	2.4	-0.04	2.1	.02	2.0	.04	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	436	28	5,293	31	14,694	31	58,994	31								
		4	3-5	141	9	1,856	11	4,985	10	19,036	10								
		8	6-10	73	5	886	5	2,142	5	7,813	4								
		13	11-15	48	3	583	3	1,224	3	4,508	3								
		18	16-20	13	1	176	1	428	1	1,552	1								
		23	More than 20	32	2	330	2	753	2	2,746	2								
	Total			1,554	100	17,338	100	48,042	100	187,865	100								
Estimated number of assigned pages of student writing.	wrpages										<b>84.7</b>	91.3 *	▽	-0.06	84.3	.00	81.8	.03	
	(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																		
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of races or ethnicities other than your own	DDrace	1	Never	32	2	704	4	3,414	8	10,193	6	<b>3.3</b>	3.1 ***	△	.19	2.9 ***	.36	3.0 ***	.29
		2	Sometimes	255	17	3,687	22	12,172	25	46,460	25								
		3	Often	463	30	5,531	31	14,810	30	59,054	31								
		4	Very often	799	50	7,429	43	17,637	36	72,037	38								
		Total			1,549	100	17,351	100	48,033	100	187,744								
b. People from economic backgrounds other than your own	DDeconomic	1	Never	46	3	766	5	3,151	7	9,118	5	<b>3.2</b>	3.0 ***	△	.14	2.9 ***	.25	3.0 ***	.17
		2	Sometimes	313	21	4,097	24	12,170	26	44,727	24								
		3	Often	520	34	6,070	35	16,627	34	67,037	35								
		4	Very often	665	42	6,371	37	15,971	33	66,498	35								
		Total			1,544	100	17,304	100	47,919	100	187,380								

\*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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023				Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023	
				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>	Mean	Effect size <sup>e</sup>						
c. People with religious beliefs other than your own	DDreligion	1	Never	86	6	1,318	8	4,256	10	13,721	8	<b>3.0</b>	2.9 ***	.15	2.8 ***	.22	2.9 ***	.14									
		2	Sometimes	359	24	4,841	28	13,788	29	52,430	28																
		3	Often	490	32	5,524	32	14,962	31	59,723	32																
		4	Very often	610	39	5,622	32	14,881	31	61,418	33																
		Total		1,545	100	17,305	100	47,887	100	187,292	100																
d. People with political views other than your own	DDpolitical	1	Never	108	7	1,640	10	4,549	10	14,553	8	<b>2.8</b>	2.7 ***	.13	2.8 **	.07	2.8	.02									
		2	Sometimes	511	33	6,030	35	14,642	31	58,013	31																
		3	Often	436	29	4,883	27	14,681	30	58,162	31																
		4	Very often	487	31	4,743	27	14,006	29	56,489	30																
		Total		1,542	100	17,296	100	47,878	100	187,217	100																
e. People with sexual orientations other than your own	ddsexorient	1	Never	102	7	1,302	8	5,184	12	16,933	10	<b>3.0</b>	2.9 **	.08	2.7 ***	.21	2.8 ***	.14									
		2	Sometimes	382	26	4,943	29	14,633	31	55,319	30																
		3	Often	480	31	5,358	30	13,891	28	55,818	29																
		4	Very often	579	36	5,681	33	14,101	29	58,929	31																
		Total		1,543	100	17,284	100	47,809	100	186,999	100																
f. People from countries other than your own	ddcountry	1	Never	76	5	1,546	9	6,749	15	20,781	11	<b>2.9</b>	2.7 ***	.24	2.5 ***	.40	2.7 ***	.30									
		2	Sometimes	457	30	6,527	38	18,945	39	71,929	38																
		3	Often	481	31	4,750	27	11,445	24	48,237	26																
		4	Very often	534	34	4,482	26	10,742	23	46,284	25																
		Total		1,548	100	17,305	100	47,881	100	187,231	100																
<b>9. During the current school year, about how often have you done the following?</b>																											
a. Identified key information from reading assignments	LSreading	1	Never	31	2	420	3	1,258	3	5,169	3	<b>3.1</b>	3.1	.02	3.1	.01	3.1	.03									
		2	Sometimes	283	19	3,410	20	9,392	20	37,187	20																
		3	Often	696	45	7,392	43	20,282	42	79,203	42																
		4	Very often	525	34	5,997	35	16,719	35	64,732	34																
		Total		1,535	100	17,219	100	47,651	100	186,291	100																
b. Reviewed your notes after class	LSnotes	1	Never	62	4	901	6	2,952	7	12,227	7	<b>2.9</b>	2.9	.03	2.9	.01	2.9 *	.05									
		2	Sometimes	429	29	4,738	28	12,495	27	52,741	28																
		3	Often	558	37	6,082	35	16,597	35	63,317	34																
		4	Very often	482	31	5,480	31	15,561	32	57,926	31																
		Total		1,531	100	17,201	100	47,605	100	186,211	100																

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

# NSSE 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>						
c. Summarized what you learned in class or from course materials	LSummary	1	Never	70	5	859	5	2,360	5	9,907	6	<b>2.9</b>	2.9	.00	2.9	-.04	2.9	-.01							
		2	Sometimes	430	29	4,672	28	12,186	26	50,104	27														
		3	Often	590	38	6,668	38	18,316	38	71,223	38														
		4	Very often	440	28	5,000	28	14,739	31	54,881	29														
		Total		1,530	100	17,199	100	47,601	100	186,115	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	19	1	167	1	514	1	1,987	1	<b>5.5</b>	5.5	-.01	5.6 **	-0.07	5.5	-.02							
		2		20	2	275	2	692	2	2,688	2														
		3		60	4	800	5	2,010	4	8,418	5														
		4		185	12	1,864	11	4,936	11	20,031	11														
		5		441	29	4,818	29	12,598	26	52,939	28														
		6		350	23	4,172	24	11,640	24	46,332	25														
		7	Very much	442	29	4,993	28	14,875	32	52,591	28														
Total		1,517	100	17,089	100	47,265	100	184,986	100																
<b>11. Which of the following have you done while in college or do you plan to do before you graduate?<sup>f</sup></b>																									
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	253	17	2,426	14	5,632	12	18,289	10	<b>33%</b>	39% ***	-0.12	44% ***	-0.21	48% ***	-0.31							
			Do not plan to do	269	18	2,924	18	8,730	20	31,121	18														
			Plan to do	473	32	5,042	29	11,254	24	41,554	23														
			Done or in progress	518	33	6,689	39	21,579	44	93,933	48														
			Total	1,513	100	17,081	100	47,195	100	184,897	100														
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	261	17	2,863	16	6,991	15	22,750	13	<b>18%</b>	24% ***	-0.14	26% ***	-0.19	32% ***	-0.33							
			Do not plan to do	772	51	8,380	49	22,721	50	81,994	46														
			Plan to do	195	13	1,816	11	4,328	9	16,238	9														
			Done or in progress	281	18	3,981	24	13,082	26	63,553	32														
			Total	1,509	100	17,040	100	47,122	100	184,535	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	281	18	3,246	19	7,875	17	26,740	15	<b>17%</b>	18%	-.03	19% *	-0.06	22% ***	-0.13							
			Do not plan to do	718	48	8,255	50	23,879	52	94,821	52														
			Plan to do	243	16	2,299	13	5,352	11	19,010	10														
			Done or in progress	264	17	3,190	18	9,808	19	43,321	22														
			Total	1,506	100	16,990	100	46,914	100	183,892	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	298	19	2,981	17	6,816	15	23,711	13	<b>4%</b>	5%	-02	6%	-05	9% ***	▽
			Do not plan to do	965	65	11,592	69	33,747	72	128,845	70							
			Plan to do	171	12	1,637	9	3,622	8	14,617	8							
			Done or in progress	69	4	800	5	2,775	6	16,891	9							
			Total	1,503	100	17,010	100	46,960	100	184,064	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	332	22	3,536	20	8,357	18	28,519	16	<b>12%</b>	18% ***	-018	19% ***	-019	23% ***	▽
			Do not plan to do	740	48	8,207	47	24,215	52	90,925	49							
			Plan to do	258	18	2,268	14	5,294	11	20,708	12							
			Done or in progress	180	12	2,991	18	9,059	19	43,788	23							
			Total	1,510	100	17,002	100	46,925	100	183,940	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	241	16	2,340	13	5,102	11	17,340	10	<b>35%</b>	44% ***	-018	45% ***	-020	46% ***	▽
			Do not plan to do	407	26	3,600	21	9,093	19	36,761	21							
			Plan to do	331	23	3,699	22	11,218	25	41,779	24							
			Done or in progress	526	35	7,367	44	21,502	45	88,042	46							
			Total	1,505	100	17,006	100	46,915	100	183,922	100							
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																		
	servcourse		1 None	544	37	5,987	37	16,915	39	70,033	41	<b>1.8</b>	1.8	.05	1.8 **	.08	1.7 ***	△
			2 Some	705	47	8,422	49	22,929	47	89,032	47							
			3 Most	182	12	1,968	11	5,326	11	18,848	10							
			4 All	61	4	515	3	1,494	3	5,028	3							
			Total	1,492	100	16,892	100	46,664	100	182,941	100							
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																		
a. Students	Q1student		1 Poor	28	2	230	1	773	2	2,602	2	<b>5.5</b>	5.6	-03	5.6 *	-05	5.6	-04
			2	31	2	334	2	837	2	3,024	2							
			3	66	5	652	4	1,731	4	7,102	4							
			4	170	11	1,756	11	4,331	9	17,690	10							
			5	336	22	3,917	23	10,257	21	43,201	23							
			6	385	26	4,561	27	11,903	25	50,396	27							
			7 Excellent	470	31	5,304	30	14,479	31	54,395	30							
			— Not applicable	14	1	192	1	2,453	6	4,972	3							
Total	1,500	100	16,946	100	46,764	100	183,382	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
b. Academic advisors	QIadvisor	1	Poor	71	5	777	5	2,014	5	8,192	5	<b>5.2</b>	5.2	-.01	5.4 ***	-.13	5.3 *	-.06						
		2		57	4	789	5	2,008	4	8,245	5													
		3		112	8	1,266	8	3,024	6	13,069	7													
		4		205	13	2,090	12	5,061	11	21,411	12													
		5		288	19	3,250	19	7,736	16	32,619	18													
		6		286	19	3,223	19	8,821	19	35,538	19													
		7	Excellent	431	29	5,048	29	17,185	37	61,150	33													
		—	Not applicable	45	3	481	3	863	2	2,940	2													
	Total			1,495	100	16,924	100	46,712	100	183,164	100													
c. Faculty	QIfaculty	1	Poor	36	3	346	2	865	2	2,914	2	<b>5.4</b>	5.4	.00	5.6 ***	-.11	5.5 **	-.08						
		2		33	2	447	3	990	2	3,788	2													
		3		85	6	913	5	2,027	4	8,077	5													
		4		192	13	2,037	12	4,805	10	19,855	11													
		5		323	21	3,819	23	10,079	21	41,834	22													
		6		377	25	4,457	27	12,394	26	51,497	28													
		7	Excellent	427	29	4,665	27	14,892	33	53,121	29													
		—	Not applicable	21	1	255	2	668	2	2,088	1													
	Total			1,494	100	16,939	100	46,720	100	183,174	100													
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	65	4	717	4	1,931	4	7,517	4	<b>5.1</b>	5.0	.02	5.1	-.04	5.0	.01						
		2		63	4	663	4	1,686	4	7,219	4													
		3		87	6	1,061	6	2,703	6	11,918	6													
		4		156	11	1,932	12	5,062	11	22,461	12													
		5		228	15	2,831	17	7,431	15	33,003	17													
		6		238	16	2,714	16	7,527	16	31,185	17													
		7	Excellent	321	21	3,423	20	10,518	23	36,707	20													
		—	Not applicable	338	22	3,577	21	9,813	22	33,039	19													
	Total			1,496	100	16,918	100	46,671	100	183,049	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>						
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	75	5	800	5	1,986	4	8,338	5	<b>5.1</b>	5.0	.04	5.2 **	-0.07	5.0	.02						
		2		70	5	802	5	1,967	4	8,425	5													
		3		95	6	1,214	7	3,079	6	13,446	7													
		4		192	13	2,309	14	5,841	12	25,646	14													
		5		280	19	3,207	19	8,749	18	36,503	19													
		6		314	21	3,121	18	8,971	19	35,214	19													
		7	Excellent	335	23	3,734	21	12,305	27	41,330	23													
		—	Not applicable	136	9	1,748	10	3,814	9	14,259	9													
	Total			1,497	100	16,935	100	46,712	100	183,161	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	20	1	336	2	992	2	3,465	2	<b>3.2</b>	3.1 *	.07	3.1 ***	.09	3.1 *	.06						
		2	Some	264	18	3,206	19	9,164	20	34,604	19													
		3	Quite a bit	672	45	7,476	45	21,063	45	82,094	45													
		4	Very much	532	36	5,841	34	15,340	33	62,402	34													
			Total			1,488	100	16,859	100	46,559	100								182,565	100				
b. Providing support to help students succeed academically	SEacademic	1	Very little	87	6	1,005	6	2,845	7	10,656	6	<b>2.9</b>	2.8 **	.09	2.9	.02	2.9 *	.06						
		2	Some	360	24	4,542	28	11,341	25	46,874	26													
		3	Quite a bit	593	40	6,829	40	18,654	40	75,347	41													
		4	Very much	440	29	4,462	26	13,622	29	49,369	27													
			Total			1,480	100	16,838	100	46,462	100								182,246	100				
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	182	12	1,924	12	4,760	11	17,690	10	<b>2.8</b>	2.7 ***	.09	2.8	.00	2.8	.02						
		2	Some	335	23	4,419	27	11,157	24	45,524	26													
		3	Quite a bit	491	34	6,032	36	16,688	36	67,893	37													
		4	Very much	470	31	4,440	25	13,813	29	50,935	27													
			Total			1,478	100	16,815	100	46,418	100								182,042	100				
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	143	10	2,200	14	7,015	16	25,885	15	<b>2.9</b>	2.7 ***	.20	2.6 ***	.27	2.6 ***	.26						
		2	Some	369	25	4,792	29	13,807	30	56,137	31													
		3	Quite a bit	492	34	5,598	33	14,773	31	59,106	32													
		4	Very much	475	32	4,213	24	10,740	23	40,680	22													
			Total			1,479	100	16,803	100	46,335	100								181,808	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State	Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
e. Providing opportunities to be involved socially	SEsocial	1	Very little	136	9	1,634	10	5,053	12	16,313	10	<b>2.9</b>	2.7 ***	.13	2.7 ***	.15	2.8 **	.08						
		2	Some	372	25	4,773	29	12,495	28	48,216	27								△					
		3	Quite a bit	528	36	6,211	37	17,003	36	69,933	38								△					
		4	Very much	443	30	4,173	24	11,733	24	47,209	25								△					
		Total		1,479	100	16,791	100	46,284	100	181,671	100													
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	118	8	1,804	11	5,666	13	21,442	12	<b>2.9</b>	2.7 ***	.19	2.7 ***	.23	2.7 ***	.23						
		2	Some	367	25	4,792	29	13,435	30	53,695	30								△					
		3	Quite a bit	520	36	5,970	36	15,923	34	64,407	35								△					
		4	Very much	472	31	4,193	24	11,219	23	41,970	23								△					
		Total		1,477	100	16,759	100	46,243	100	181,514	100													
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	375	25	5,182	32	14,482	32	59,131	33	<b>2.3</b>	2.1 ***	.17	2.2 ***	.15	2.1 ***	.20						
		2	Some	510	35	5,750	35	15,525	33	62,554	34								△					
		3	Quite a bit	353	25	3,654	21	10,015	21	38,004	21								△					
		4	Very much	235	16	2,165	12	6,171	13	21,653	12								△					
		Total		1,473	100	16,751	100	46,193	100	181,342	100													
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	231	15	3,278	20	9,849	24	29,169	17	<b>2.6</b>	2.5 ***	.19	2.4 ***	.21	2.6 *	.06						
		2	Some	410	28	5,352	33	13,090	28	51,771	29								△					
		3	Quite a bit	503	35	5,093	30	14,207	29	61,623	33								△					
		4	Very much	335	22	2,999	17	8,993	18	38,503	21								△					
		Total		1,479	100	16,722	100	46,139	100	181,066	100													
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	267	18	3,916	24	11,350	27	40,487	24	<b>2.5</b>	2.3 ***	.23	2.3 ***	.26	2.3 ***	.22						
		2	Some	463	32	5,975	36	15,789	34	65,388	36								△					
		3	Quite a bit	465	32	4,513	27	12,198	25	49,748	27								△					
		4	Very much	283	19	2,335	13	6,766	14	25,476	14								△					
		Total		1,478	100	16,739	100	46,103	100	181,099	100													
<b>15. To what extent do you agree or disagree with the following statements?</b>																								
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	43	3	444	3	1,203	3	4,969	3	<b>3.2</b>	3.2	.02	3.3 **	-.08	3.3	-.04						
		2	Disagree	115	8	1,315	9	3,176	7	13,792	8								△					
		3	Agree	732	49	8,610	51	22,301	48	89,224	49								△					
		4	Strongly agree	584	39	6,359	37	19,462	43	73,251	41								▽					
		Total		1,474	100	16,728	100	46,142	100	181,236	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	98	7	1,127	7	2,809	7	12,406	7	<b>2.9</b>	2.9	.04	3.0 **	-0.08	2.9	.00
		2	Disagree	263	18	3,194	20	7,726	17	33,636	19							
		3	Agree	760	51	8,574	50	22,863	49	89,351	49							
		4	Strongly agree	355	24	3,830	23	12,711	28	45,723	25							
		Total		1,476	100	16,725	100	46,109	100	181,116	100							
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	92	7	1,051	7	2,732	6	10,788	7	<b>2.9</b>	2.9	.03	2.9 *	-0.05	2.9	-0.04
		2	Disagree	295	20	3,435	21	8,542	19	33,413	19							
		3	Agree	735	49	8,392	49	22,461	48	89,636	49							
		4	Strongly agree	359	24	3,857	23	12,432	27	47,450	26							
		Total		1,481	100	16,735	100	46,167	100	181,287	100							
<b>16. About how many hours do you spend in a typical 7-day week doing the following?</b>																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	7	1	50	0	191	0	767	0	<b>15.7</b>	15.9	-0.03	15.4	.04	15.7	.00
		3	1-5 hrs	138	9	1,766	10	5,563	12	20,200	11							
		8	6-10 hrs	294	21	3,614	21	10,284	22	38,967	21							
		13	11-15 hrs	327	22	3,388	20	9,148	20	37,099	20							
		18	16-20 hrs	314	21	3,226	20	8,715	19	34,612	19							
		23	21-25 hrs	193	13	1,962	12	5,209	11	21,176	12							
		28	26-30 hrs	100	6	1,176	7	3,045	7	12,191	7							
		33	More than 30 hrs	103	7	1,502	9	3,853	8	15,753	9							
		Total		1,476	100	16,684	100	46,008	100	180,765	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023				Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023			
				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>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>						
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmocurrhrs	0	0 hrs	795	53	8,844	52	23,727	54	77,915	45	<b>4.2</b>	4.2	-.01	4.2	.00	5.0 ***	▽	-0.11																
	(Recorded version of tmocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	319	22	3,794	23	10,537	22	47,288	25																								
	8	6-10 hrs	139	9	1,548	10	4,582	10	22,507	12																									
	13	11-15 hrs	104	7	1,088	6	2,905	6	14,008	8																									
	18	16-20 hrs	62	5	655	4	1,884	4	8,920	5																									
	23	21-25 hrs	30	2	357	2	1,042	2	4,647	2																									
	28	26-30 hrs	13	1	148	1	519	1	2,105	1																									
	33	More than 30 hrs	10	1	225	1	740	2	3,067	2																									
	Total			1,472	100	16,659	100	45,936	100	180,457	100																								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	1,211	82	13,074	78	35,782	79	129,969	74	<b>2.7</b>	3.1	-.05	2.7	.00	3.3 ***	▽	-0.09																
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	27	2	460	3	1,815	4	9,216	4																								
	8	6-10 hrs	54	4	732	5	2,671	5	14,263	7																									
	13	11-15 hrs	54	4	818	5	2,096	4	10,857	6																									
	18	16-20 hrs	88	6	1,098	7	2,237	5	10,067	5																									
	23	21-25 hrs	22	2	251	2	647	1	3,119	2																									
	28	26-30 hrs	12	1	89	0	296	1	1,173	1																									
	33	More than 30 hrs	9	1	130	1	402	1	1,862	1																									
	Total			1,477	100	16,652	100	45,946	100	180,526	100																								
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	438	30	6,252	39	15,493	34	72,419	40	<b>15.5</b>	13.1 ***	.18	15.6	-.01	13.0 ***	△	.19																
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	52	3	748	5	1,978	4	8,987	5																								
	8	6-10 hrs	86	6	1,020	6	2,892	6	12,153	6																									
	13	11-15 hrs	112	7	1,201	7	3,109	6	13,384	7																									
	18	16-20 hrs	211	14	1,813	11	4,291	9	16,869	9																									
	23	21-25 hrs	168	11	1,417	8	3,558	7	13,267	7																									
	28	26-30 hrs	131	9	1,196	7	3,039	6	9,811	5																									
	33	More than 30 hrs	278	19	3,023	18	11,624	28	33,696	20																									
	Total			1,476	100	16,670	100	45,984	100	180,586	100																								
Estimated number of hours working for pay	tmworkhrs										<b>18.2</b>	16.1 ***	.15	18.3	-.01	16.3 ***	△	.14																	
(Continuous variable created by NSSE)																																			

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

# NSSE 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>						
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	828	58	9,917	61	26,215	58	99,990	56	<b>3.5</b>	2.9 **	.09	2.9 **	.09	2.9 ***	.10						
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	337	22	3,871	23	12,466	27	52,733	28								△					
	8	6-10 hrs	130	9	1,262	7	3,385	7	13,172	7														
	13	11-15 hrs	80	6	719	4	1,674	4	6,672	4														
	18	16-20 hrs	53	3	450	3	1,032	2	3,734	2														
	23	21-25 hrs	19	1	200	1	462	1	1,767	1														
	28	26-30 hrs	10	1	84	0	241	1	828	0														
	33	More than 30 hrs	11	1	145	1	457	1	1,572	1														
Total				1,468	100	16,648	100	45,932	100	180,468	100													
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	66	5	630	4	1,731	4	5,764	3	<b>11.0</b>	10.9	.02	10.5 *	.06	11.1	-.01						
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	392	25	4,654	27	13,208	28	45,972	25								△					
	8	6-10 hrs	415	28	4,638	28	12,815	28	50,845	28														
	13	11-15 hrs	257	18	3,028	19	8,210	18	34,854	19														
	18	16-20 hrs	161	11	1,802	11	5,068	11	21,917	12														
	23	21-25 hrs	65	5	792	5	2,005	4	8,929	5														
	28	26-30 hrs	25	2	379	3	1,028	2	4,204	2														
	33	More than 30 hrs	87	6	747	5	1,892	4	8,015	5														
Total				1,468	100	16,670	100	45,957	100	180,500	100													
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	776	53	9,336	58	25,779	55	117,201	64	<b>7.3</b>	6.4 **	.08	8.2 **	-.07	6.1 ***	.10						
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	191	13	2,250	13	5,222	11	18,370	10								△					
	8	6-10 hrs	139	10	1,198	7	2,920	6	9,316	5														
	13	11-15 hrs	74	5	840	5	1,989	4	6,548	4														
	18	16-20 hrs	58	4	627	4	1,590	4	4,914	3														
	23	21-25 hrs	36	2	326	2	829	2	2,641	2														
	28	26-30 hrs	27	2	235	1	742	2	2,075	1														
	33	More than 30 hrs	170	11	1,830	10	6,847	16	19,263	11														
Total				1,471	100	16,642	100	45,918	100	180,328	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State				Far West Public				Carnegie Class				NSSE 2022 & 2023		Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs (Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	114	8	2,459	15	14,682	34	51,193	28	<b>7.1</b>	5.7 ***	.22	4.4 ***	.43	4.5 ***	.43							
		3	1-5 hrs	707	48	8,487	51	19,593	41	84,632	46														
		8	6-10 hrs	370	25	3,368	20	6,658	14	25,918	15														
		13	11-15 hrs	136	9	1,190	7	2,439	5	9,416	5														
		18	16-20 hrs	67	5	546	3	1,111	2	4,184	2														
		23	21-25 hrs	29	2	218	1	517	1	2,020	1														
		28	26-30 hrs	14	1	126	1	274	1	958	1														
		33	More than 30 hrs	35	2	286	2	711	1	2,260	1														
Total				1,472	100	16,680	100	45,985	100	180,581	100														
<b>17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																									
reading	17readinghrs	1	Very little	157	11	1,801	12	5,718	13	25,862	15	<b>2.9</b>	2.9	.05	2.9 **	.07	2.8 ***	.16							
		2	Some	377	26	4,527	28	12,986	28	53,799	30														
		3	About half	441	30	4,895	29	13,022	28	49,214	27														
		4	Most	340	23	3,617	21	9,647	21	35,456	19														
		5	Almost all	156	10	1,758	10	4,406	9	15,551	8														
		Total				1,471	100	16,598	100	45,779	100								179,882	100					
<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																									
tmreadinghrscol (Collapsed version of tmreadinghrs created by NSSE.)	17readinghrscol	1	0 hrs	6	0	49	0	188	0	749	0	<b>8.0</b>	7.8	.02	7.5 *	.07	7.2 ***	.12							
		2	More than zero, up to 5 hrs	614	43	7,185	44	21,059	46	85,177	48														
		3	More than 5, up to 10 hrs	443	30	4,814	29	12,961	28	51,442	28														
		4	More than 10, up to 15 hrs	171	11	1,939	11	5,066	11	18,988	10														
		5	More than 15, up to 20 hrs	109	7	1,209	7	2,994	7	11,212	6														
		6	More than 20, up to 25 hrs	93	6	868	5	2,178	5	7,821	4														
		7	More than 25 hrs	32	2	473	3	1,156	3	3,863	2														
		Total				1,468	100	16,537	100	45,602	100								179,252	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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 2022 & 2023								Your seniors compared with							
				Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023		
				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 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	55	4	753	5	2,162	5	8,737	5	<b>3.1</b>	3.0	.03	3.1	.01	3.0	.03	
		2	Some	284	20	3,267	20	8,998	20	36,448	21								
		3	Quite a bit	613	42	6,759	40	17,963	39	70,543	39								
		4	Very much	520	34	5,863	34	16,749	36	64,448	35								
			Total	1,472	100	16,642	100	45,872	100	180,176	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	95	7	1,064	7	3,214	8	12,268	8	<b>2.9</b>	2.9	.00	2.9	-.02	2.9	-.02	
		2	Some	338	24	3,869	24	10,209	23	41,117	23								
		3	Quite a bit	585	40	6,438	38	17,108	37	67,830	37								
		4	Very much	450	29	5,252	30	15,281	32	58,794	32								
			Total	1,468	100	16,623	100	45,812	100	180,009	100								
c. Thinking critically and analytically	pgthink	1	Very little	28	2	386	3	1,136	3	3,991	3	<b>3.3</b>	3.3	.01	3.3	-.01	3.3	-.03	
		2	Some	190	14	2,170	14	5,845	13	22,147	13								
		3	Quite a bit	575	39	6,402	38	17,285	38	67,554	37								
		4	Very much	677	45	7,657	45	21,573	46	86,334	48								
			Total	1,470	100	16,615	100	45,839	100	180,026	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	117	7	1,386	8	4,276	9	15,828	9	<b>2.9</b>	2.9	-.01	2.9	.02	2.9	-.01	
		2	Some	392	26	3,947	24	11,412	24	44,133	24								
		3	Quite a bit	485	34	5,842	35	15,355	34	60,772	34								
		4	Very much	476	33	5,454	33	14,787	33	59,263	34								
			Total	1,470	100	16,629	100	45,830	100	179,996	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	135	10	1,532	10	3,394	8	13,777	8	<b>2.8</b>	2.9 *	-.05	3.0 ***	-.19	3.0 ***	-.15	
		2	Some	409	28	4,133	25	9,744	22	40,391	23								
		3	Quite a bit	501	35	5,803	35	15,896	34	62,232	34								
		4	Very much	423	28	5,165	31	16,812	36	63,646	35								
			Total	1,468	100	16,633	100	45,846	100	180,046	100								
f. Working effectively with others	pgothers	1	Very little	65	5	784	5	2,681	7	8,779	6	<b>3.0</b>	3.0	.00	3.0	.04	3.0	.01	
		2	Some	306	22	3,305	21	9,120	21	35,569	21								
		3	Quite a bit	550	37	6,437	38	16,932	36	68,895	38								
		4	Very much	542	36	6,112	36	17,083	36	66,728	36								
			Total	1,463	100	16,638	100	45,816	100	179,971	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 2023 Frequencies and Statistical Comparisons

## California State University, Sacramento

### 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	Sacramento State		Far West Public		Carnegie Class		NSSE 2022 & 2023		Sacramento State	Far West Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	115	9	1,537	10	4,217	10	16,775	11	<b>2.9</b>	2.8	.04	2.9	.00	2.9	.01
		2	Some	361	26	4,030	25	10,589	24	41,999	24							
		3	Quite a bit	529	36	5,988	35	15,799	34	62,855	34							
		4	Very much	463	30	5,062	29	15,191	32	58,258	31							
		Total		1,468	100	16,617	100	45,796	100	179,887	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	77	6	1,159	8	3,924	10	14,714	9	<b>3.0</b>	3.0 ***	.10	2.9 ***	.16	2.9 ***	.15
		2	Some	297	21	3,653	23	10,692	24	43,052	24							
		3	Quite a bit	521	36	5,899	35	15,575	33	62,895	34							
		4	Very much	570	37	5,921	34	15,613	33	59,281	32							
		Total		1,465	100	16,632	100	45,804	100	179,942	100							
i. Solving complex real-world problems	pgprobolve	1	Very little	131	9	1,443	9	3,858	9	14,458	9	<b>2.8</b>	2.8	-.01	2.9	-.04	2.9	-.05
		2	Some	391	26	4,304	26	11,376	25	45,189	25							
		3	Quite a bit	525	36	5,964	36	16,276	35	64,570	35							
		4	Very much	421	28	4,919	29	14,315	31	55,803	31							
		Total		1,468	100	16,630	100	45,825	100	180,020	100							
j. Being an informed and active citizen	pgcizen	1	Very little	138	10	1,872	12	5,158	12	20,335	12	<b>2.8</b>	2.7 **	.07	2.8	.04	2.8 *	.05
		2	Some	406	28	4,643	28	12,309	27	50,006	28							
		3	Quite a bit	514	35	5,578	33	15,092	32	59,460	32							
		4	Very much	411	28	4,555	26	13,304	28	50,409	28							
		Total		1,469	100	16,648	100	45,863	100	180,210	100							
<b>19. How would you evaluate your entire educational experience at this institution?</b>												<b>3.1</b>	3.1	.01	3.2 ***	-.11	3.2 ***	-.09
evalexp	1	Poor	42	4	566	4	1,368	3	5,302	3								
	2	Fair	222	15	2,583	16	6,344	14	24,568	14								
	3	Good	704	48	7,726	46	19,927	42	80,536	44								
	4	Excellent	511	33	5,806	34	18,352	40	70,244	39								
Total		1,479	100	16,681	100	45,991	100	180,650	100									
<b>20. If you could start over again, would you go to the same institution you are now attending?</b>												<b>3.2</b>	3.1	.05	3.2	.00	3.2	.02
sameinst	1	Definitely no	50	4	786	5	2,404	5	9,353	5								
	2	Probably no	185	13	2,240	13	6,099	13	24,504	13								
	3	Probably yes	645	43	7,086	43	17,934	38	73,262	40								
	4	Definitely yes	605	40	6,630	39	19,715	43	74,232	41								
Total		1,485	100	16,742	100	46,152	100	181,351	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 2023 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>B</sup>

### California State University, Sacramento

#### 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>		
	Sacramento State	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Comparisons with:			Comparisons with:			Comparisons with:		
														Far West Public	Carnegie Class	NSSE 2022 & 2023	Far West Public	Carnegie Class	NSSE 2022 & 2023	Far West Public	Carnegie Class	NSSE 2022 & 2023
1 a. askquest	675	2.63	2.70	2.75	2.78	.032	.008	.005	.002	.82	.82	.88	.85	10,559	703	145,829	.037	.000	.000	-.08	-.15	-.18
b. CLaskhelp	676	2.55	2.55	2.27	2.45	.034	.009	.005	.002	.87	.90	.96	.92	10,520	706	682	.847	.000	.002	.01	.30	.11
c. CLexplain	670	2.50	2.55	2.33	2.52	.032	.008	.005	.002	.82	.83	.93	.89	10,500	702	677	.178	.000	.578	-.05	.18	-.02
d. CLstudy	667	2.27	2.34	2.15	2.33	.035	.010	.005	.003	.90	.94	.99	.98	769	697	673	.050	.001	.069	-.08	.12	-.06
e. CLproject	659	2.65	2.63	2.35	2.54	.033	.009	.005	.002	.84	.85	.97	.91	10,393	690	665	.414	.000	.000	.03	.32	.13
f. present	657	2.38	2.27	2.17	2.20	.034	.009	.005	.002	.86	.89	.93	.90	10,361	35,992	142,545	.002	.000	.000	.12	.23	.20
2 a. RIntegrate	654	2.63	2.59	2.54	2.60	.033	.009	.005	.002	.84	.84	.88	.87	10,214	680	140,108	.263	.008	.364	.05	.10	.04
b. RIsocietal	641	2.53	2.61	2.58	2.60	.035	.009	.005	.002	.88	.88	.90	.89	10,117	34,994	138,593	.024	.201	.037	-.09	-.05	-.08
c. RIdiverse	634	2.65	2.68	2.57	2.63	.035	.009	.005	.002	.88	.88	.93	.91	10,020	660	137,016	.374	.030	.651	-.04	.08	.02
d. Rlownview	623	2.79	2.78	2.79	2.80	.032	.008	.004	.002	.80	.78	.82	.81	9,894	34,156	134,995	.751	.961	.784	.01	.00	-.01
e. Rlperspect	610	2.96	2.93	2.91	2.93	.031	.008	.004	.002	.77	.78	.81	.79	9,771	634	132,370	.341	.104	.260	.04	.06	.05
f. Rlnewview	593	2.93	2.86	2.87	2.87	.032	.008	.004	.002	.77	.77	.80	.80	9,600	616	598	.027	.039	.060	.09	.08	.07
g. Rlconnect	584	3.03	3.02	3.05	3.06	.030	.008	.004	.002	.73	.74	.76	.75	9,502	32,523	128,027	.764	.672	.368	.01	-.02	-.04
3 a. SFcareer	582	2.22	2.16	2.31	2.30	.040	.010	.005	.003	.97	.93	.95	.94	651	32,482	127,827	.119	.043	.043	.07	-.08	-.08
b. SFotherwork	581	1.76	1.74	1.78	1.83	.038	.010	.005	.003	.92	.90	.95	.95	9,432	32,312	127,082	.538	.562	.081	.03	-.02	-.07
c. SFdiscuss	568	1.93	1.93	1.99	2.03	.037	.010	.005	.003	.89	.90	.94	.93	9,350	31,900	125,507	.968	.134	.009	.00	-.06	-.11
d. SFperform	571	2.06	2.03	2.20	2.16	.037	.009	.005	.003	.88	.88	.92	.91	9,350	594	576	.375	.000	.008	.04	-.14	-.11
4 a. memorize	566	2.79	2.86	2.86	2.89	.035	.009	.005	.002	.82	.83	.83	.82	9,278	31,610	124,338	.063	.035	.003	-.08	-.09	-.12
b. HOapply	562	2.76	2.85	2.88	2.91	.033	.009	.005	.002	.78	.80	.81	.81	9,207	31,347	123,412	.012	.001	.000	-.11	-.14	-.19
c. HOanalyze	554	2.84	2.87	2.88	2.91	.034	.009	.005	.002	.81	.81	.82	.81	9,101	30,885	121,774	.374	.287	.052	-.04	-.05	-.08
d. HOevaluate	539	2.90	2.91	2.91	2.91	.033	.009	.005	.002	.77	.80	.81	.81	9,038	30,657	120,925	.841	.774	.900	-.01	-.01	-.01
e. HOform	543	2.91	2.90	2.91	2.92	.035	.009	.005	.002	.81	.79	.80	.80	9,015	30,474	120,206	.907	.803	.738	.01	-.01	-.01
5 a. ETgoals	538	3.05	3.00	3.06	3.05	.034	.009	.005	.002	.79	.79	.80	.79	8,947	30,210	119,310	.165	.759	.983	.06	-.01	.00
b. ETorganize	535	2.92	2.89	2.96	2.97	.038	.009	.005	.002	.88	.85	.87	.84	8,927	30,075	538	.408	.286	.210	.04	-.05	-.06
c. ETexample	535	2.96	2.96	2.98	3.00	.036	.009	.005	.002	.83	.83	.86	.83	8,898	30,015	118,548	.927	.540	.255	.00	-.03	-.05
d. ETdraftfb	530	2.95	2.80	2.86	2.83	.037	.010	.005	.003	.84	.90	.92	.91	608	552	534	.000	.024	.001	.17	.09	.13
e. ETfeedback	527	2.76	2.66	2.80	2.74	.039	.010	.005	.003	.90	.90	.92	.91	8,818	29,725	117,498	.008	.325	.561	.12	-.04	.03
f. etcriteria	527	3.03	2.96	3.02	2.99	.036	.009	.005	.002	.83	.83	.85	.83	8,775	29,541	116,747	.044	.829	.229	.09	.01	.05
g. etreview	529	3.02	2.95	3.00	2.98	.034	.009	.005	.002	.78	.80	.82	.80	8,755	29,435	116,343	.029	.468	.195	.10	.03	.06
h. etprefer	524	2.67	2.60	2.70	2.66	.037	.009	.005	.003	.84	.86	.90	.87	8,741	29,378	116,042	.056	.546	.779	.09	-.03	.01
i. etdemonstrate	529	3.04	3.04	3.09	3.08	.035	.009	.005	.002	.81	.80	.82	.80	8,718	29,294	115,766	.844	.189	.218	-.01	-.06	-.05

# NSSE 2023 Frequencies and Statistical Comparisons

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

### California State University, Sacramento

#### First-Year Students

Variable Name	N					Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Sacramento State	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Comparisons with:			Comparisons with:			Comparisons with:		
														Far West Public	Carnegie Class	NSSE 2022 & 2023	Far West Public	Carnegie Class	NSSE 2022 & 2023	Far West Public	Carnegie Class	NSSE 2022 & 2023
6 a. QRconclude	521	2.58	2.61	2.60	2.62	.039	.009	.005	.003	.89	.84	.88	.87	582	28,750	113,607	.499	.660	.323	-.03	-.02	-.04
b. QRproblem	517	2.39	2.42	2.40	2.41	.040	.010	.006	.003	.90	.90	.93	.92	8,527	28,584	112,966	.549	.835	.701	-.03	-.01	-.02
c. QRevaluate	515	2.39	2.39	2.35	2.39	.038	.010	.005	.003	.86	.87	.91	.90	8,483	28,353	112,323	.883	.340	.988	-.01	.04	.00
7 a. wrshortnum	511	5.95	6.30	6.32	6.51	.242	.062	.034	.017	5.46	5.55	5.75	5.78	8,457	28,289	515	.166	.150	.022	-.06	-.06	-.10
b. wrmednum	507	2.30	2.47	2.48	2.45	.160	.043	.023	.011	3.60	3.84	3.88	3.74	8,412	28,085	111,513	.313	.293	.359	-.05	-.05	-.04
c. wrlongnum	509	1.32	1.29	1.26	1.17	.160	.041	.022	.010	3.61	3.60	3.60	3.36	8,415	28,127	512	.833	.713	.356	.01	.02	.04
— wrpages	503	55.26	57.61	57.05	56.23	3.875	.994	.533	.251	86.94	88.17	88.24	83.51	8,366	27,916	110,852	.562	.651	.793	-.03	-.02	-.01
8 a. DDrace	511	3.10	3.04	2.87	2.99	.038	.010	.006	.003	.86	.88	.97	.92	8,421	534	111,553	.149	.000	.006	.07	.24	.12
b. DDeconomic	508	2.97	2.95	2.86	2.97	.038	.010	.006	.003	.85	.88	.94	.89	8,402	531	111,277	.628	.003	.933	.02	.12	.00
c. DDreligion	509	2.85	2.81	2.77	2.88	.041	.011	.006	.003	.93	.94	.98	.94	8,394	529	111,203	.374	.092	.375	.04	.07	-.04
d. DDpolitical	505	2.61	2.60	2.70	2.77	.043	.011	.006	.003	.97	.95	.98	.95	8,385	28,017	111,109	.767	.050	.000	.01	-.09	-.17
e. ddsexorient	505	2.78	2.83	2.71	2.81	.042	.011	.006	.003	.95	.96	1.02	.98	8,378	525	111,047	.322	.068	.483	-.05	.08	-.03
f. ddcountry	507	2.70	2.56	2.49	2.62	.043	.011	.006	.003	.97	.94	1.00	.97	8,392	28,029	111,189	.001	.000	.053	.16	.21	.09
9 a. LSreading	501	2.94	2.92	2.99	2.97	.035	.009	.005	.002	.79	.76	.79	.78	8,334	27,812	110,324	.647	.145	.358	.02	-.07	-.04
b. LSnotes	497	2.86	2.84	2.93	2.90	.041	.010	.005	.003	.91	.86	.88	.88	554	513	500	.707	.073	.283	.02	-.08	-.05
c. LSsummary	498	2.81	2.75	2.88	2.85	.039	.010	.005	.003	.87	.85	.86	.85	8,337	27,783	110,217	.189	.063	.210	.06	-.08	-.06
10 challenge	495	5.27	5.24	5.40	5.36	.057	.014	.008	.004	1.28	1.21	1.29	1.25	8,281	27,584	109,466	.683	.024	.108	.02	-.10	-.07
11 a. intern <sup>l</sup>	490	7%	7%	7%	8%	.011	.003	.002	.001	--	--	--	--	--	--	--	.868	.450	.321	-.01	-.04	-.05
b. leader <sup>l</sup>	487	5%	8%	9%	10%	.010	.003	.002	.001	--	--	--	--	--	--	--	.018	.002	.000	-.12	-.16	-.20
c. learncom <sup>l</sup>	483	10%	9%	9%	11%	.014	.003	.002	.001	--	--	--	--	--	--	--	.625	.293	.378	.02	.05	-.04
d. abroad <sup>l</sup>	488	2%	2%	2%	3%	.006	.002	.001	.000	--	--	--	--	--	--	--	.859	.482	.260	-.01	-.03	-.06
e. research <sup>l</sup>	484	4%	4%	5%	5%	.009	.002	.001	.001	--	--	--	--	--	--	--	.942	.666	.366	.00	-.02	-.04
f. capstone <sup>l</sup>	487	4%	2%	2%	2%	.008	.001	.001	.000	--	--	--	--	--	--	--	.005	.155	.084	.11	.06	.07
12 servcourse	484	1.75	1.64	1.65	1.64	.033	.008	.005	.002	.74	.72	.74	.72	8,139	501	107,441	.001	.004	.001	.15	.13	.15
13 a. Qlstudent	478	5.28	5.29	5.32	5.37	.065	.016	.009	.004	1.41	1.37	1.46	1.37	8,046	25,124	104,694	.937	.518	.132	.00	-.03	-.07
b. Qladvisor	454	5.37	5.25	5.48	5.40	.070	.018	.010	.005	1.50	1.54	1.59	1.58	7,791	471	105,263	.099	.115	.693	.08	-.07	-.02
c. Qlfaculty	460	5.35	5.22	5.47	5.41	.069	.016	.009	.004	1.48	1.39	1.40	1.35	511	26,419	462	.066	.059	.348	.09	-.09	-.05
d. Qlstaff	401	5.22	5.02	5.24	5.16	.082	.020	.011	.005	1.64	1.60	1.62	1.58	6,974	22,662	95,019	.014	.788	.483	.13	-.01	.04
e. Qladmin	427	5.24	4.98	5.27	5.15	.077	.019	.010	.005	1.60	1.58	1.60	1.58	7,149	24,608	98,026	.001	.655	.225	.16	-.02	.06

# NSSE 2023 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>B</sup>

### California State University, Sacramento

#### 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>		
	Sacramento State	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Comparisons with:			Comparisons with:			Comparisons with:		
														Far West Public	Carnegie Class	NSSE 2022 & 2023	Far West Public	Carnegie Class	NSSE 2022 & 2023	Far West Public	Carnegie Class	NSSE 2022 & 2023
14 a. empstudy	479	3.01	3.03	3.04	3.05	.035	.009	.005	.002	.76	.76	.76	.76	8,093	26,954	107,064	.673	.432	.323	-.02	-.04	-.05
b. SEacademic	476	2.96	2.87	2.96	2.94	.038	.010	.005	.003	.84	.83	.87	.84	8,078	26,888	106,770	.036	.955	.720	.10	.00	.02
c. SElearnsup	474	2.88	2.91	3.00	2.99	.045	.011	.006	.003	.97	.92	.93	.91	528	489	477	.597	.011	.014	-.03	-.12	-.12
d. SEdiverse	472	2.87	2.69	2.69	2.72	.040	.011	.006	.003	.87	.94	.97	.94	541	492	476	.000	.000	.000	.20	.19	.16
e. SEsocial	473	2.83	2.78	2.82	2.89	.041	.010	.006	.003	.89	.89	.93	.89	8,049	26,734	106,370	.168	.790	.142	.07	.01	-.07
f. SEwellness	472	2.88	2.78	2.80	2.82	.042	.010	.006	.003	.91	.90	.93	.91	8,028	490	106,246	.026	.071	.158	.11	.08	.07
g. SENonacad	469	2.50	2.27	2.33	2.28	.043	.011	.006	.003	.92	.95	.99	.97	8,013	487	106,067	.000	.000	.000	.24	.18	.23
h. SEactivities	469	2.65	2.61	2.59	2.76	.044	.011	.006	.003	.96	.94	1.02	.95	8,004	487	105,969	.411	.212	.015	.04	.05	-.11
i. SEevents	471	2.42	2.31	2.34	2.41	.044	.011	.006	.003	.96	.94	.99	.96	8,003	26,608	105,968	.015	.100	.895	.12	.08	.01
15 a. sbmyself	472	3.17	3.13	3.22	3.20	.030	.008	.004	.002	.66	.66	.69	.69	8,013	490	476	.140	.114	.354	.07	-.07	-.04
b. sbvalued	472	2.99	2.89	3.02	2.96	.032	.008	.005	.002	.70	.71	.74	.75	532	26,554	476	.003	.412	.349	.14	-.04	.04
c. sbcommunity	471	2.94	2.86	2.97	2.96	.034	.008	.005	.002	.74	.73	.77	.77	8,007	26,571	105,881	.025	.368	.518	.11	-.04	-.03
16 a. tmprephrs	471	13.50	14.52	14.30	14.85	.375	.094	.051	.025	8.13	8.19	8.18	8.18	8,001	26,491	105,537	.008	.035	.000	-.13	-.10	-.17
b. tmcocurrhrs	469	3.65	4.09	4.82	5.44	.275	.074	.044	.022	5.96	6.39	7.11	7.05	7,987	493	474	.143	.000	.000	-.07	-.16	-.25
c. tmworkonhrs	473	2.09	2.17	2.17	2.47	.274	.064	.035	.018	5.95	5.58	5.63	5.83	7,990	26,431	105,393	.771	.772	.154	-.01	-.01	-.07
d. tmworkoffhrs	467	7.10	5.72	9.14	6.57	.450	.111	.077	.033	9.73	9.62	12.33	10.55	524	493	105,425	.003	.000	.271	.14	-.17	.05
— tmworkhrs	467	9.14	7.87	11.30	9.02	.550	.130	.083	.037	11.88	11.26	13.31	12.07	520	487	105,081	.025	.000	.824	.11	-.16	.01
e. tmservicehrs	468	2.03	1.87	2.28	2.23	.218	.052	.030	.015	4.72	4.49	4.90	4.71	7,991	26,428	105,322	.457	.270	.344	.04	-.05	-.04
f. tmrelaxhrs	468	12.09	12.22	11.68	12.32	.431	.099	.053	.026	9.32	8.61	8.56	8.45	518	482	471	.760	.346	.591	-.02	.05	-.03
g. tmcarehrs	471	4.14	2.98	5.32	3.31	.361	.078	.063	.024	7.84	6.71	10.09	7.83	514	499	105,093	.002	.001	.023	.17	-.12	.11
h. tmcommutehrs	472	6.33	4.95	3.86	3.92	.325	.071	.038	.018	7.05	6.19	6.15	5.98	518	484	474	.000	.000	.000	.22	.40	.40
17 reading	469	2.76	2.70	2.73	2.63	.049	.012	.007	.003	1.06	1.08	1.12	1.10	7,949	487	472	.275	.603	.008	.05	.02	.12
— tmreadinghrs	466	6.37	6.47	6.63	6.40	.277	.067	.038	.018	5.98	5.77	6.03	5.74	7,919	26,231	104,534	.723	.363	.904	-.02	-.04	-.01

# NSSE 2023 Frequencies and Statistical Comparisons

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

### California State University, Sacramento

#### 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>		
	Sacramento State	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Comparisons with:			Comparisons with:			Comparisons with:			
														Far West Public	Carnegie Class	NSSE 2022 & 2023	Far West Public	Carnegie Class	NSSE 2022 & 2023	Far West Public	Carnegie Class	NSSE 2022 & 2023	
18 a. pgwrite	467	2.95	2.79	2.88	2.82	.035	.010	.005	.003	.77	.84	.86	.87	539	487	471	.000	.050	.000	.19	.08	.15	
b. pgspeak	467	2.90	2.73	2.76	2.69	.039	.010	.006	.003	.84	.89	.91	.92	533	486	471	.000	.000	.000	.19	.15	.23	
c. pgthink	468	3.12	3.03	3.08	3.08	.035	.009	.005	.002	.75	.79	.80	.80	7,938	26,295	104,805	.026	.383	.297	.11	.04	.05	
d. pganalyze	464	2.77	2.71	2.69	2.70	.042	.011	.006	.003	.90	.91	.94	.94	7,929	482	468	.141	.062	.071	.07	.08	.08	
e. pgwork	465	2.57	2.48	2.68	2.62	.046	.011	.006	.003	1.00	.95	.97	.96	7,917	26,291	104,802	.055	.016	.222	.09	-.11	-.06	
f. pgothers	464	2.89	2.80	2.80	2.81	.040	.010	.006	.003	.87	.87	.91	.89	7,930	482	104,794	.022	.025	.053	.11	.10	.09	
g. pgvalues	462	2.75	2.62	2.72	2.71	.042	.011	.006	.003	.90	.91	.94	.93	7,929	26,257	104,692	.003	.581	.361	.14	.03	.04	
h. pgdiverse	462	2.99	2.82	2.82	2.82	.040	.010	.006	.003	.87	.90	.93	.92	524	480	466	.000	.000	.000	.18	.18	.18	
i. pgprobolve	465	2.68	2.60	2.67	2.67	.045	.010	.006	.003	.97	.90	.93	.93	516	26,285	104,861	.099	.929	.818	.08	.00	.01	
j. pgcitizen	466	2.71	2.59	2.66	2.65	.044	.011	.006	.003	.95	.93	.95	.94	7,954	26,367	105,084	.005	.270	.163	.13	.05	.06	
19 evalexp	464	3.04	2.98	3.11	3.08	.033	.008	.005	.002	.71	.72	.75	.75	7,950	481	467	.112	.039	.159	.08	-.09	-.06	
20 sameinst	469	3.18	3.06	3.18	3.15	.034	.009	.005	.002	.74	.77	.80	.80	8,003	487	105,965	.000	.982	.391	.17	.00	.04	
21 returnexp <sup>l</sup>	479	86%	89%	87%	88%	.0157	.0036	.0021	.0010	--	--	--	--	--	--	--	.060	.467	.298	-.08	-.03	-.05	

IPEDS: 110617

# NSSE 2023 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>B</sup>

### California State University, Sacramento

## Seniors

Variable Name	N	Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Sacramento State	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Comparisons with:			Comparisons with:			Comparisons with:		
														Far West Public	Carnegie Class	NSSE 2022 & 2023	Far West Public	Carnegie Class	NSSE 2022 & 2023	Far West Public	Carnegie Class	NSSE 2022 & 2023
1 a. askquest	1,823	2.94	2.98	3.02	3.04	.021	.007	.004	.002	.88	.88	.91	.88	18,975	48,934	187,520	.092	.000	.000	-.04	-.09	-.11
b. CLaskhelp	1,837	2.51	2.51	2.29	2.39	.022	.007	.005	.002	.93	.93	.99	.97	18,942	48,811	186,830	.948	.000	.000	.00	.22	.12
c. CLexplain	1,831	2.67	2.65	2.48	2.60	.020	.007	.005	.002	.87	.89	.98	.94	18,902	2,016	1,873	.391	.000	.000	.02	.19	.08
d. CLstudy	1,819	2.43	2.38	2.20	2.31	.022	.008	.005	.002	.95	1.00	1.03	1.03	2,265	1,989	1,860	.029	.000	.000	.05	.22	.11
e. CLproject	1,816	2.82	2.90	2.59	2.75	.021	.007	.005	.002	.88	.90	1.04	.98	18,705	2,020	1,860	.000	.000	.000	-.09	.22	.07
f. present	1,814	2.54	2.67	2.51	2.57	.022	.007	.005	.002	.94	.94	1.00	.97	18,664	1,978	1,852	.000	.106	.258	-.13	.04	-.03
2 a. RIntegrate	1,802	2.93	2.95	2.90	2.93	.020	.007	.004	.002	.85	.85	.88	.86	18,514	1,956	182,413	.204	.222	.915	-.03	.03	.00
b. RSocietal	1,793	2.83	2.84	2.81	2.82	.022	.007	.004	.002	.94	.92	.92	.92	18,403	47,339	181,277	.707	.481	.606	-.01	.02	.01
c. RIdiverse	1,780	2.75	2.71	2.66	2.68	.023	.008	.005	.002	.97	.98	.98	.98	18,309	1,926	1,816	.092	.000	.002	.04	.10	.07
d. Rlownview	1,768	2.87	2.88	2.87	2.88	.020	.007	.004	.002	.85	.84	.85	.84	18,161	46,616	178,371	.986	.951	.832	.00	.00	-.01
e. Rlperspect	1,754	3.07	3.02	2.99	3.00	.019	.006	.004	.002	.78	.81	.83	.82	17,963	46,039	176,058	.014	.000	.000	.06	.10	.09
f. Rlnewview	1,731	3.01	3.02	2.98	2.99	.019	.006	.004	.002	.78	.80	.81	.80	2,146	1,883	1,768	.823	.040	.149	-.01	.05	.03
g. Rlconnect	1,706	3.20	3.21	3.22	3.22	.018	.006	.004	.002	.76	.74	.74	.74	17,604	45,021	172,029	.550	.386	.394	-.02	-.02	-.02
3 a. SFcareer	1,709	2.35	2.35	2.43	2.43	.024	.008	.005	.002	.98	.99	1.01	1.00	17,585	1,854	1,744	.815	.000	.000	-.01	-.09	-.09
b. SFotherwork	1,696	1.87	1.92	1.91	1.97	.024	.008	.005	.003	1.00	1.02	1.03	1.04	17,498	44,756	171,071	.056	.103	.000	-.05	-.04	-.10
c. SFdiscuss	1,686	2.09	2.09	2.10	2.15	.023	.008	.005	.002	.95	.97	.99	.98	17,390	1,834	1,721	.998	.767	.022	.00	-.01	-.05
d. SFperform	1,684	2.17	2.15	2.25	2.21	.023	.007	.005	.002	.95	.94	.96	.95	17,396	1,822	169,714	.349	.001	.077	.02	-.08	-.04
4 a. memorize	1,673	2.87	2.78	2.73	2.75	.021	.007	.004	.002	.84	.87	.89	.90	2,077	1,823	1,710	.000	.000	.000	.10	.15	.14
b. HOapply	1,666	3.07	3.05	3.07	3.08	.020	.007	.004	.002	.82	.82	.81	.80	17,184	43,873	167,732	.242	.871	.749	.03	.00	-.01
c. HOanalyze	1,645	3.07	3.05	3.05	3.05	.020	.007	.004	.002	.81	.82	.82	.82	17,006	43,383	166,140	.325	.254	.386	.03	.03	.02
d. HOevaluate	1,632	3.03	2.99	3.00	2.98	.021	.007	.004	.002	.84	.85	.84	.86	16,950	43,179	165,313	.076	.114	.012	.05	.04	.06
e. HOform	1,627	3.03	3.02	3.02	3.01	.020	.007	.004	.002	.79	.82	.82	.82	16,864	42,965	164,451	.589	.365	.225	.01	.02	.03
5 a. ETgoals	1,617	3.19	3.14	3.15	3.15	.019	.006	.004	.002	.76	.80	.81	.79	16,766	1,766	163,443	.039	.063	.077	.05	.04	.04
b. ETorganize	1,608	3.05	3.03	3.05	3.06	.021	.007	.004	.002	.85	.85	.87	.84	16,714	42,567	162,980	.440	.880	.448	.02	.00	-.02
c. ETexample	1,604	3.14	3.08	3.07	3.09	.020	.007	.004	.002	.82	.84	.87	.85	16,705	42,518	162,672	.014	.003	.037	.06	.08	.05
d. ETdraftfb	1,599	2.88	2.85	2.87	2.85	.023	.008	.005	.002	.92	.94	.97	.96	1,966	1,737	1,632	.329	.604	.234	.03	.01	.03
e. ETfeedback	1,602	2.83	2.80	2.87	2.85	.023	.008	.005	.002	.91	.92	.93	.92	16,609	42,246	161,644	.328	.039	.358	.03	-.05	-.02
f. etcriteria	1,595	3.09	3.05	3.10	3.08	.020	.007	.004	.002	.82	.84	.85	.84	16,535	1,734	160,900	.068	.820	.449	.05	-.01	.02
g. etreview	1,584	3.09	3.07	3.07	3.07	.020	.007	.004	.002	.79	.81	.84	.82	16,489	1,724	160,392	.463	.266	.336	.02	.03	.02
h. etprefer	1,585	2.75	2.76	2.80	2.79	.022	.007	.005	.002	.88	.90	.91	.90	1,956	1,722	160,158	.805	.023	.123	-.01	-.06	-.04
i. etdemonstrate	1,589	3.15	3.14	3.14	3.15	.020	.007	.004	.002	.79	.81	.83	.81	16,458	1,729	159,981	.495	.565	.834	.02	.01	.01

# NSSE 2023 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>B</sup>

### California State University, Sacramento

#### 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>		
	Sacramento State	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Comparisons with:			Comparisons with:			Comparisons with:		
														Far West Public	Carnegie Class	NSSE 2022 & 2023	Far West Public	Carnegie Class	NSSE 2022 & 2023	Far West Public	Carnegie Class	NSSE 2022 & 2023
6 a. QRconclude	1,573	2.68	2.69	2.67	2.69	.023	.008	.005	.002	.92	.91	.92	.92	16,261	41,243	157,712	.848	.664	.772	-.01	.01	-.01
b. QRproblem	1,567	2.56	2.52	2.51	2.52	.024	.008	.005	.002	.95	.96	.96	.97	16,197	41,074	157,068	.126	.048	.093	.04	.05	.04
c. QRevaluate	1,561	2.52	2.53	2.46	2.50	.023	.008	.005	.002	.93	.93	.94	.94	16,143	40,872	156,287	.877	.008	.402	.00	.07	.02
7 a. wrshortnum	1,553	7.30	7.85	7.55	7.57	.159	.055	.033	.017	6.27	6.61	6.59	6.66	16,095	1,691	1,587	.002	.122	.100	-.08	-.04	-.04
b. wrmednum	1,546	3.74	4.06	3.78	3.61	.119	.041	.024	.012	4.68	4.88	4.71	4.64	16,013	40,552	155,270	.014	.786	.243	-.07	-.01	.03
c. wrlongnum	1,549	2.22	2.38	2.13	2.05	.113	.036	.021	.010	4.43	4.37	4.10	4.03	16,045	1,655	1,574	.175	.416	.127	-.04	.02	.04
— wrpages	1,542	84.73	91.26	84.28	81.76	2.778	.910	.526	.261	109.05	109.11	103.57	101.99	15,918	1,653	1,568	.026	.872	.288	-.06	.00	.03
8 a. DDrace	1,544	3.29	3.12	2.95	3.02	.021	.007	.005	.002	.82	.89	.97	.93	1,951	1,715	1,583	.000	.000	.000	.19	.36	.29
b. DDeconomic	1,538	3.16	3.04	2.92	3.01	.022	.007	.005	.002	.85	.89	.94	.90	16,016	1,686	155,141	.000	.000	.000	.14	.25	.17
c. DDreligion	1,540	3.04	2.89	2.83	2.90	.023	.008	.005	.002	.92	.95	.98	.95	1,903	1,679	1,572	.000	.000	.000	.15	.22	.14
d. DDpolitical	1,535	2.85	2.72	2.78	2.83	.024	.008	.005	.002	.95	.97	.98	.96	1,894	1,667	154,973	.000	.004	.394	.13	.07	.02
e. ddsexorient	1,537	2.95	2.87	2.74	2.81	.024	.008	.005	.003	.95	.96	1.00	.98	1,885	1,674	1,569	.002	.000	.000	.08	.21	.14
f. ddcountry	1,543	2.95	2.71	2.55	2.65	.023	.008	.005	.002	.91	.95	1.00	.98	1,916	1,690	1,577	.000	.000	.000	.24	.40	.30
9 a. LSreading	1,530	3.10	3.09	3.09	3.08	.020	.007	.004	.002	.78	.80	.81	.82	15,935	1,662	1,563	.548	.659	.209	.02	.01	.03
b. LSnotes	1,526	2.93	2.91	2.92	2.88	.022	.008	.005	.002	.87	.90	.92	.93	1,888	1,661	1,559	.301	.683	.037	.03	.01	.05
c. LSsummary	1,524	2.90	2.90	2.94	2.91	.022	.007	.004	.002	.87	.87	.88	.88	15,910	40,234	153,968	.983	.092	.739	.00	-.04	-.01
10 challenge	1,512	5.49	5.50	5.59	5.52	.034	.011	.007	.003	1.33	1.33	1.33	1.32	15,807	39,949	152,993	.849	.008	.537	-.01	-.07	-.02
11 a. intern <sup>l</sup>	1,508	33%	39%	44%	48%	.0121	.0041	.0025	.0013	--	--	--	--	--	--	--	.000	.000	.000	-.12	-.21	-.31
b. leader <sup>l</sup>	1,505	18%	24%	26%	32%	.0100	.0036	.0022	.0012	--	--	--	--	--	--	--	.000	.000	.000	-.14	-.19	-.33
c. learncom <sup>l</sup>	1,501	17%	18%	19%	22%	.0097	.0032	.0020	.0011	--	--	--	--	--	--	--	.247	.023	.000	-.03	-.06	-.13
d. abroad <sup>l</sup>	1,498	4%	5%	6%	9%	.0053	.0018	.0012	.0007	--	--	--	--	--	--	--	.377	.070	.000	-.02	-.05	-.17
e. research <sup>l</sup>	1,505	12%	18%	19%	23%	.0083	.0032	.0020	.0011	--	--	--	--	--	--	--	.000	.000	.000	-.18	-.19	-.29
f. capstone <sup>l</sup>	1,500	35%	44%	45%	46%	.0123	.0042	.0025	.0013	--	--	--	--	--	--	--	.000	.000	.000	-.18	-.20	-.22
12 servcourse	1,487	1.84	1.80	1.78	1.75	.021	.006	.004	.002	.79	.75	.75	.74	15,618	39,390	151,179	.055	.003	.000	.05	.08	.12
13 a. Qlstudent	1,482	5.53	5.57	5.60	5.59	.037	.012	.007	.004	1.43	1.37	1.40	1.36	1,780	37,072	1,508	.242	.044	.102	-.03	-.05	-.04
b. Qladvisor	1,441	5.16	5.17	5.38	5.27	.046	.015	.009	.005	1.74	1.75	1.75	1.76	15,155	38,536	148,617	.833	.000	.017	-.01	-.13	-.06
c. Qlfaculty	1,467	5.42	5.42	5.58	5.53	.039	.012	.007	.004	1.49	1.46	1.43	1.40	15,420	1,575	1,492	.925	.000	.005	.00	-.11	-.08
d. Qlstaff	1,160	5.07	5.03	5.15	5.04	.052	.016	.010	.005	1.77	1.73	1.76	1.72	12,352	30,629	1,180	.469	.138	.627	.02	-.04	.01
e. Qladmin	1,360	5.06	4.99	5.19	5.04	.047	.015	.009	.005	1.73	1.74	1.72	1.72	14,048	35,903	138,466	.118	.008	.565	.04	-.07	.02

# NSSE 2023 Frequencies and Statistical Comparisons

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

### California State University, Sacramento

#### 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>		
	Sacramento State	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Comparisons with:			Comparisons with:			Comparisons with:		
														Far West Public	Carnegie Class	NSSE 2022 & 2023	Far West Public	Carnegie Class	NSSE 2022 & 2023	Far West Public	Carnegie Class	NSSE 2022 & 2023
14 a. empstudy	1,485	3.15	3.10	3.08	3.10	.020	.007	.004	.002	.75	.78	.78	.78	15,577	39,292	150,801	.013	.001	.018	.07	.09	.06
b. SEacademic	1,478	2.93	2.85	2.91	2.88	.023	.007	.005	.002	.88	.88	.89	.88	15,554	39,216	150,567	.001	.458	.034	.09	.02	.06
c. SElearnsup	1,475	2.83	2.75	2.83	2.81	.026	.008	.005	.002	1.00	.97	.97	.95	15,534	1,584	1,500	.001	.927	.432	.09	.00	.02
d. SEdiverse	1,477	2.88	2.68	2.60	2.62	.025	.008	.005	.003	.97	.99	1.01	.99	1,817	1,604	1,506	.000	.000	.000	.20	.27	.26
e. SEsocial	1,476	2.86	2.74	2.71	2.78	.025	.008	.005	.002	.95	.93	.97	.93	15,499	1,596	150,017	.000	.000	.003	.13	.15	.08
f. SEwellness	1,473	2.90	2.72	2.67	2.68	.024	.008	.005	.002	.94	.95	.98	.96	1,806	1,600	1,503	.000	.000	.000	.19	.23	.23
g. SEonacad	1,469	2.32	2.15	2.16	2.12	.026	.008	.005	.003	1.01	1.00	1.02	1.00	1,784	38,974	1,497	.000	.000	.000	.17	.15	.20
h. SEactivities	1,477	2.64	2.45	2.42	2.58	.026	.008	.005	.003	.99	.99	1.04	1.00	15,449	1,607	149,509	.000	.000	.013	.19	.21	.06
i. SEevents	1,475	2.52	2.30	2.26	2.31	.026	.008	.005	.003	.99	.97	1.00	.98	1,788	38,884	1,503	.000	.000	.000	.23	.26	.22
15 a. sbmyself	1,471	3.24	3.23	3.30	3.27	.019	.006	.004	.002	.74	.73	.72	.73	15,439	38,913	149,621	.409	.002	.147	.02	-.08	-.04
b. sbvalued	1,473	2.92	2.88	2.98	2.92	.022	.007	.004	.002	.83	.84	.84	.85	15,439	38,882	149,516	.123	.003	.918	.04	-.08	.00
c. sbcommunity	1,479	2.90	2.88	2.95	2.94	.022	.007	.004	.002	.84	.84	.84	.84	15,458	38,939	149,664	.216	.047	.088	.03	-.05	-.04
16 a. tmprephrs	1,474	15.69	15.94	15.36	15.67	.217	.075	.046	.023	8.34	8.82	8.81	8.82	1,840	1,605	1,506	.271	.136	.930	-.03	.04	.00
b. tmcocurrhrs	1,471	4.17	4.24	4.20	4.97	.175	.058	.036	.019	6.69	6.90	7.04	7.25	15,378	38,748	1,505	.714	.891	.000	-.01	.00	-.11
c. tmworkonhrs	1,475	2.71	3.06	2.70	3.34	.172	.057	.033	.018	6.59	6.67	6.38	6.85	1,810	38,748	1,506	.053	.952	.000	-.05	.00	-.09
d. tmworkoffhrs	1,475	15.46	13.10	15.57	12.97	.330	.110	.071	.035	12.66	12.99	13.77	13.27	1,818	1,615	1,506	.000	.754	.000	.18	-.01	.19
— tmworkhrs	1,473	18.16	16.15	18.25	16.28	.356	.115	.072	.035	13.67	13.52	13.85	13.53	15,337	1,595	148,548	.000	.796	.000	.15	-.01	.14
e. tmservicehrs	1,465	3.47	2.94	2.94	2.94	.159	.048	.029	.014	6.09	5.70	5.64	5.50	1,745	1,564	1,488	.002	.001	.001	.09	.09	.10
f. tmrelaxhrs	1,465	11.03	10.85	10.50	11.12	.223	.070	.042	.021	8.55	8.25	8.11	8.20	15,374	1,569	148,928	.448	.021	.677	.02	.06	-.01
g. tmcarehrs	1,469	7.26	6.43	8.17	6.13	.289	.091	.064	.029	11.08	10.77	12.31	11.04	1,774	1,614	148,806	.006	.002	.000	.08	-.07	.10
h. tmcommutehrs	1,471	7.05	5.68	4.40	4.52	.179	.052	.031	.015	6.85	6.16	6.07	5.82	1,730	1,562	1,491	.000	.000	.000	.22	.43	.43
17 reading	1,469	2.94	2.89	2.86	2.76	.030	.010	.006	.003	1.16	1.16	1.17	1.17	15,320	38,598	1,499	.096	.010	.000	.05	.07	.16
— tmreadinghrs	1,466	7.97	7.82	7.53	7.23	.172	.057	.034	.017	6.60	6.64	6.61	6.41	15,257	38,442	1,493	.414	.014	.000	.02	.07	.12



# NSSE 2023 Frequencies and Statistical Comparisons

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

### California State University, Sacramento

#### 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>		
	Sacramento State					Far West Public				Carnegie Class				NSSE 2022 & 2023				Comparisons with:			Comparisons with:			Comparisons with:		
	Sacramento State	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Sacramento State	Far West Public	Carnegie Class	NSSE 2022 & 2023	Far West Public	Carnegie Class	NSSE 2022 & 2023	Far West Public	Carnegie Class	NSSE 2022 & 2023	Far West Public	Carnegie Class	NSSE 2022 & 2023				
18 a. pgwrite	1,471	3.07	3.04	3.06	3.04	.022	.007	.005	.002	.83	.86	.88	.88	15,371	1,600	1,503	.215	.639	.170	.03	.01	.03				
b. pgspeak	1,467	2.92	2.92	2.94	2.93	.023	.008	.005	.002	.90	.91	.93	.93	15,355	1,594	1,498	.917	.440	.522	.00	-.02	-.02				
c. pgthink	1,469	3.27	3.26	3.28	3.30	.020	.007	.004	.002	.77	.79	.80	.79	15,345	38,653	148,552	.685	.836	.232	.01	-.01	-.03				
d. pganalyze	1,468	2.92	2.92	2.90	2.93	.024	.008	.005	.002	.94	.95	.96	.96	15,358	38,655	148,524	.779	.497	.764	-.01	.02	-.01				
e. pgwork	1,466	2.81	2.86	2.99	2.96	.025	.008	.005	.002	.95	.96	.94	.95	15,361	1,581	1,494	.047	.000	.000	-.05	-.19	-.15				
f. pgothers	1,462	3.05	3.05	3.01	3.04	.023	.007	.005	.002	.88	.88	.92	.89	15,357	38,626	148,506	.921	.118	.817	.00	.04	.01				
g. pgvalues	1,467	2.88	2.84	2.87	2.86	.025	.008	.005	.003	.94	.96	.98	.98	15,342	1,594	1,498	.140	.897	.652	.04	.00	.01				
h. pgdiverse	1,464	3.05	2.95	2.89	2.90	.024	.008	.005	.003	.91	.94	.97	.96	1,811	1,599	1,496	.000	.000	.000	.10	.16	.15				
i. pgprobolve	1,466	2.84	2.84	2.87	2.88	.025	.008	.005	.002	.95	.95	.95	.95	15,355	38,658	148,563	.789	.138	.061	-.01	-.04	-.05				
j. pgcitizen	1,468	2.80	2.74	2.76	2.75	.025	.008	.005	.003	.95	.98	1.00	.99	1,812	1,597	1,499	.009	.108	.030	.07	.04	.05				
19 evalexp	1,478	3.11	3.10	3.20	3.18	.020	.007	.004	.002	.79	.81	.80	.79	15,419	1,600	1,507	.697	.000	.000	.01	-.11	-.09				
20 sameinst	1,485	3.19	3.15	3.20	3.17	.021	.007	.004	.002	.80	.84	.86	.86	15,471	1,622	1,518	.054	.850	.358	.05	.00	.02				

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### Endnotes

- a. Column percentages are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.
- b. All statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Means calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests. Exceptions are the dichotomous High-Impact Practice items (11a to 11f) which are compared using a  $z$ -test.
- c. Items which make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective & Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- d. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.
- e. Effect size for independent  $t$ -tests uses Cohen's  $d$ ;  $z$ -tests use Cohen's  $h$ . See page 2 for more details.
- f. Statistical comparison uses  $z$ -test to compare the percentage who responded "Done or in progress" or "Yes."
- g. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups).
- h. Standard error of the mean for ordered and continuous variables; standard error of the proportion for items indicating "Done or in progress" (High-Impact Practices). The 95% confidence interval is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- i. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- j. Degrees of freedom used to compute the  $t$ -tests. Values differ from Ns due to weighting and whether equal variances were assumed.
- k. Statistical comparisons are two-tailed independent  $t$ -tests or  $z$ -tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.
- l. Mean represents the proportion who responded "Done or in progress" or "Yes."