



NSSE 2023

Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

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) 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.

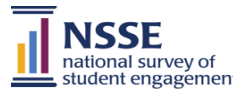
3. **Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.

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

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 ^a								Statistical Comparisons ^b							
				NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. Doing the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1 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 7,208	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 Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
1. During the current school year, about how often have you done the following?																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	14	3	282	4	2,132	5	7,196	4	2.7	2.7	.02	2.8	-.08	2.8 *	-.12
		2	Sometimes	176	43	3,492	44	17,762	38	74,380	37							
		3	Often	146	36	2,628	34	16,357	33	70,601	35							
		4	Very often	69	18	1,381	18	11,317	24	48,898	24							
		Total		405	100	7,783	100	47,568	100	201,075	100							
b. Asked another student to help you understand course material	CLaskhelp	1	Never	28	7	703	9	8,884	23	25,058	15	2.7	2.6	.07	2.3 ***	.40	2.5 ***	.22
		2	Sometimes	152	39	3,113	40	19,035	39	81,494	41							
		3	Often	154	37	2,575	33	12,711	25	60,766	29							
		4	Very often	68	17	1,356	18	6,739	13	32,972	15							
		Total		402	100	7,747	100	47,369	100	200,290	100							
c. Explained course material to one or more students	CLexplain	1	Never	31	8	606	8	7,368	20	18,855	11	2.6	2.5	.05	2.3 ***	.27	2.5	.08
		2	Sometimes	169	41	3,460	44	19,248	40	81,414	41							
		3	Often	142	35	2,615	34	14,222	28	67,834	33							
		4	Very often	58	16	1,054	14	6,454	13	31,867	15							
		Total		400	100	7,735	100	47,292	100	199,970	100							
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	75	19	1,472	18	12,420	31	39,649	22	2.4	2.4	.05	2.2 ***	.25	2.3	.07
		2	Sometimes	151	38	3,108	40	16,802	35	73,098	37							
		3	Often	108	27	2,121	28	11,603	23	54,801	26							
		4	Very often	64	16	987	13	6,183	12	31,189	15							
		Total		398	100	7,688	100	47,008	100	198,737	100							
e. Worked with other students on course projects or assignments	CLproject	1	Never	28	7	541	7	7,998	22	20,823	13	2.6	2.7	-.02	2.3 ***	.31	2.5 **	.12
		2	Sometimes	149	37	2,936	38	16,772	35	73,648	37							
		3	Often	159	40	2,896	38	14,912	29	69,215	34							
		4	Very often	63	16	1,289	18	7,055	14	33,966	16							
		Total		399	100	7,662	100	46,737	100	197,652	100							
f. Given a course presentation	present	1	Never	72	18	1,133	15	10,487	26	40,815	23	2.4	2.4	.01	2.2 ***	.23	2.2 ***	.20
		2	Sometimes	156	41	3,322	45	19,851	41	89,733	45							
		3	Often	113	28	2,282	29	11,163	23	46,331	23							
		4	Very often	54	14	914	11	5,129	10	20,348	10							
		Total		395	100	7,651	100	46,630	100	197,227	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 Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIIntegrate	1	Never	33	9	679	9	4,768	12	16,438	9	2.6	2.6	.03	2.5	.06	2.6	.00	
			2	Sometimes	147	38	2,945	39	17,307	38	72,476								37
			3	Often	155	39	2,870	39	16,732	36	73,497								37
			4	Very often	55	15	1,050	14	7,098	15	31,821								16
			Total	390	100	7,544	100	45,905	100	194,232	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	33	9	764	10	4,666	11	17,450	10	2.6	2.6	.02	2.6	.00	2.6	-.03	
			2	Sometimes	150	40	2,861	39	16,765	37	70,509								37
			3	Often	139	36	2,688	35	16,209	35	69,947								35
			4	Very often	60	16	1,167	15	7,818	17	34,588								18
			Total	382	100	7,480	100	45,458	100	192,494	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	38	11	621	8	5,008	13	17,640	10	2.6	2.6	-.05	2.6	.03	2.6	-.04	
			2	Sometimes	133	36	2,642	37	15,935	36	66,204								35
			3	Often	133	34	2,772	36	15,529	33	68,703								35
			4	Very often	71	18	1,376	18	8,534	18	38,065								19
			Total	375	100	7,411	100	45,006	100	190,612	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	12	3	322	4	2,179	5	8,552	5	2.8	2.8	.09	2.8	.04	2.8	.03	
			2	Sometimes	111	30	2,384	33	13,677	31	56,796								30
			3	Often	178	47	3,340	46	19,770	44	85,396								45
			4	Very often	72	19	1,278	17	8,824	20	37,362								20
			Total	373	100	7,324	100	44,450	100	188,106	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	5	1	192	3	1,425	4	5,117	3	2.9	2.9	.01	2.9	.02	2.9	.00	
			2	Sometimes	101	28	1,815	26	11,351	26	46,870								26
			3	Often	171	47	3,430	47	19,955	45	86,778								46
			4	Very often	88	24	1,795	24	10,994	25	46,094								25
			Total	365	100	7,232	100	43,725	100	184,859	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	7	2	166	3	1,341	3	5,229	3	2.9	2.9	-.01	2.9	-.02	2.9	-.03	
			2	Sometimes	108	31	2,069	29	12,655	30	52,424								29
			3	Often	164	47	3,351	47	19,165	44	81,884								44
			4	Very often	75	20	1,543	21	9,841	23	42,229								23
			Total	354	100	7,129	100	43,002	100	181,766	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.

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First-Year Students

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Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	4	1	98	1	731	2	2,502	2	3.0	3.0	.01	3.0	-.04	3.1	-.06	
		2	Sometimes	78	22	1,557	23	8,737	21	35,096	20								
		3	Often	174	50	3,496	50	20,722	48	88,387	48								
		4	Very often	93	27	1,910	26	12,286	29	53,510	30								
		Total		349	100	7,061	100	42,476	100	179,495	100								
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	98	27	2,013	28	7,835	21	33,734	20	2.2	2.1	.05	2.3 **	-0.15	2.3 **	-0.15	
		2	Sometimes	138	41	2,891	41	17,688	41	76,238	42								
		3	Often	70	20	1,427	20	10,698	24	44,082	24								
		4	Very often	42	12	725	10	6,219	14	25,221	14								
		Total		348	100	7,056	100	42,440	100	179,275	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	173	48	3,803	53	20,076	50	80,759	47	1.9	1.7 **	.18	1.8	.09	1.8	.04	
		2	Sometimes	86	25	2,005	29	12,702	29	56,516	31								
		3	Often	64	19	839	12	6,129	13	27,124	15								
		4	Very often	26	8	378	6	3,345	8	13,948	8								
		Total		349	100	7,025	100	42,252	100	178,347	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	137	38	2,922	40	13,996	36	54,988	33	2.0	1.9 *	.15	2.0	.05	2.0	.00	
		2	Sometimes	107	31	2,498	37	16,343	38	71,475	40								
		3	Often	64	19	1,108	17	7,770	18	34,392	19								
		4	Very often	37	11	444	7	3,636	8	15,515	9								
		Total		345	100	6,972	100	41,745	100	176,370	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	104	30	2,350	33	9,286	24	41,306	25	2.1	2.0 *	.14	2.2	-.09	2.2	-.05	
		2	Sometimes	141	41	2,899	42	18,227	43	78,175	44								
		3	Often	59	18	1,272	19	9,745	22	39,515	22								
		4	Very often	38	12	451	7	4,470	11	17,321	10								
		Total		342	100	6,972	100	41,728	100	176,317	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	14	4	284	4	1,758	5	7,111	4	2.9	2.9	.04	2.9	.04	2.9	.01	
		2	Some	81	23	1,880	28	11,258	28	46,133	27								
		3	Quite a bit	170	50	3,115	45	18,296	44	77,499	44								
		4	Very much	73	22	1,641	23	10,120	24	44,185	25								
		Total		338	100	6,920	100	41,432	100	174,928	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 Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	16	5	324	4	1,624	4	6,231	4	2.9	2.8	.03	2.9	-.02	2.9	-.07
		2	Some	85	25	1,991	29	11,147	27	43,935	26							
		3	Quite a bit	166	49	3,100	45	18,779	46	80,275	46							
		4	Very much	68	21	1,452	21	9,545	23	43,305	25							
		Total		335	100	6,867	100	41,095	100	173,746	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	10	3	285	4	1,670	4	6,202	4	2.8	2.9	-.02	2.9	-.04	2.9	-.08
		2	Some	109	32	1,865	28	11,120	28	44,852	26							
		3	Quite a bit	138	42	3,066	45	18,066	44	77,071	45							
		4	Very much	76	23	1,567	23	9,695	24	43,556	25							
		Total		333	100	6,783	100	40,551	100	171,681	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	9	3	232	4	1,444	4	6,256	4	2.9	2.9	.00	2.9	-.01	2.9	.00
		2	Some	91	27	1,729	26	10,265	25	43,844	26							
		3	Quite a bit	147	46	3,098	46	18,635	46	77,672	45							
		4	Very much	79	24	1,679	24	9,965	25	42,903	25							
		Total		326	100	6,738	100	40,309	100	170,675	100							
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	11	3	239	4	1,383	4	5,631	4	2.9	2.9	.06	2.9	.04	2.9	.04
		2	Some	85	25	1,731	26	10,199	25	42,699	26							
		3	Quite a bit	145	45	3,118	47	18,565	46	78,986	46							
		4	Very much	85	27	1,635	24	9,928	25	42,392	25							
		Total		326	100	6,723	100	40,075	100	169,708	100							
5. During the current school year, to what extent have your instructors done the following?																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	9	3	161	2	1,015	3	3,817	2	3.0	3.0	-.05	3.1	-.11	3.1	-.09
		2	Some	81	25	1,511	23	8,314	21	34,909	21							
		3	Quite a bit	141	44	2,988	45	17,678	44	78,146	46							
		4	Very much	90	28	2,030	30	12,816	33	51,781	31							
		Total		321	100	6,690	100	39,823	100	168,653	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	16	5	388	6	2,120	6	7,397	5	2.9	2.9	-.05	3.0 *	-.12	3.0 *	-.14
		2	Some	92	28	1,632	24	8,861	22	37,148	22							
		3	Quite a bit	136	43	2,831	43	16,877	42	75,400	44							
		4	Very much	75	24	1,827	26	11,804	30	48,094	29							
		Total		319	100	6,678	100	39,662	100	168,039	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.

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	11	4	270	4	1,742	5	6,026	4	3.0	3.0	.01	3.0	.01	3.0	-.01
		2	Some	77	24	1,558	24	9,200	23	37,994	23							
		3	Quite a bit	139	43	2,806	42	16,472	41	72,210	43							
		4	Very much	93	30	2,019	30	12,183	31	51,443	31							
		Total		320	100	6,653	100	39,597	100	167,673	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	23	7	460	7	2,733	8	11,998	8	2.8	2.8	.01	2.9	-.03	2.8	.00
		2	Some	93	29	1,905	29	10,475	27	46,935	28							
		3	Quite a bit	119	38	2,445	37	14,774	37	63,339	37							
		4	Very much	84	26	1,825	26	11,508	29	44,995	27							
		Total		319	100	6,635	100	39,490	100	167,267	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	26	8	635	10	3,089	8	13,906	9	2.7	2.7	.07	2.8	-.07	2.7	.00
		2	Some	100	32	2,103	33	11,668	29	52,128	31							
		3	Quite a bit	124	39	2,419	37	14,494	36	62,829	37							
		4	Very much	68	22	1,429	21	10,024	26	37,513	23							
		Total		318	100	6,586	100	39,275	100	166,376	100							
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	10	3	260	4	1,563	4	5,980	4	3.1	3.0 *	.12	3.0	.05	3.0	.10
		2	Some	66	21	1,589	24	8,836	22	38,749	23							
		3	Quite a bit	139	43	2,742	43	16,173	41	71,980	43							
		4	Very much	102	33	1,970	29	12,483	33	48,695	30							
		Total		317	100	6,561	100	39,055	100	165,404	100							
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	9	3	204	3	1,278	4	5,039	3	3.0	3.0	.05	3.0	.01	3.0	.04
		2	Some	80	25	1,514	23	8,996	23	38,405	23							
		3	Quite a bit	129	40	2,993	46	17,141	44	75,573	45							
		4	Very much	98	32	1,847	27	11,502	30	45,859	28							
		Total		316	100	6,558	100	38,917	100	164,876	100							
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	22	6	541	8	3,287	9	13,181	8	2.7	2.6	.09	2.7	.00	2.7	.04
		2	Some	125	39	2,477	38	13,270	34	58,368	35							
		3	Quite a bit	102	33	2,383	36	14,494	37	63,146	38							
		4	Very much	66	22	1,141	17	7,803	21	29,789	18							
		Total		315	100	6,542	100	38,854	100	164,484	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 Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	10	4	179	3	1,260	4	4,610	3	3.0	3.1	-.11	3.1 *	-.14	3.1 *	-.14
		2	Some	83	26	1,333	21	7,519	19	31,178	19							
		3	Quite a bit	129	41	2,863	45	16,613	42	73,234	44							
		4	Very much	94	30	2,145	32	13,366	35	55,108	34							
		Total		316	100	6,520	100	38,758	100	164,130	100							
6. During the current school year, about how often have you done the following?																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	22	6	552	8	4,039	10	15,786	9	2.7	2.6	.10	2.6 *	.12	2.6	.10
		2	Sometimes	108	34	2,464	37	14,255	37	59,561	36							
		3	Often	130	43	2,452	40	13,837	37	59,535	37							
		4	Very often	50	17	941	15	6,002	16	26,560	17							
		Total		310	100	6,409	100	38,133	100	161,442	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	41	13	1,045	16	6,619	17	27,141	17	2.5	2.4	.10	2.4	.11	2.4	.10
		2	Sometimes	123	40	2,536	40	14,954	39	63,459	39							
		3	Often	95	31	2,016	32	11,358	30	48,778	30							
		4	Very often	49	16	784	12	4,991	14	21,234	14							
		Total		308	100	6,381	100	37,922	100	160,612	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	34	10	1,006	15	6,833	18	26,076	16	2.6	2.4 **	.19	2.3 ***	.23	2.4 **	.18
		2	Sometimes	116	38	2,660	42	15,415	40	65,265	41							
		3	Often	113	38	2,014	33	11,231	30	49,773	31							
		4	Very often	41	14	662	10	4,196	12	18,709	12							
		Total		304	100	6,342	100	37,675	100	159,823	100							
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.)																		
a. Up to 5 pages	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	13	4	480	7	2,779	8	10,426	7	6.2	5.8	.07	6.3	-.02	6.5	-.05
		1.5	1-2	68	22	1,402	21	7,520	20	31,112	20							
		4	3-5	103	34	2,316	36	12,219	32	50,935	32							
		8	6-10	75	25	1,274	21	8,332	22	36,278	22							
		13	11-15	21	7	464	8	3,463	9	16,146	10							
		18	16-20	9	3	192	3	1,510	4	6,826	4							
		23	More than 20	13	4	206	3	1,788	5	7,823	5							
Total		302	100	6,334	100	37,611	100	159,546	100									

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Between 6 and 10 pages	wrmednum	0	None	126	41	2,852	44	14,628	40	58,989	38	2.9	2.3 *	.16	2.5	.11	2.4	.13	
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	75	25	1,799	29	12,265	32	54,529	33								
		4	3-5	54	18	928	15	6,097	16	27,373	17								
		8	6-10	25	8	500	8	2,927	8	11,739	8								
		13	11-15	14	5	133	2	831	2	3,839	2								
		18	16-20	2	1	37	1	248	1	1,009	1								
		23	More than 20	5	2	57	1	389	1	1,400	1								
	Total			301	100	6,306	100	37,385	100	158,878	100								
c. 11 pages or more	wrlongnum	0	None	215	70	4,993	78	28,530	76	120,187	75	1.8	1.3 *	.16	1.3 *	.16	1.2 **	.20	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	34	12	595	10	4,963	13	23,002	14								
		4	3-5	22	8	277	5	1,555	4	6,691	4								
		8	6-10	13	4	202	3	1,069	3	4,105	3								
		13	11-15	8	3	148	2	761	2	3,036	2								
		18	16-20	6	2	33	1	205	1	719	0								
		23	More than 20	3	1	59	1	351	1	1,271	1								
	Total			301	100	6,307	100	37,434	100	159,011	100								
Estimated number of assigned pages of student writing.	wrpages										68.8	54.5 *	.16	56.9	.13	56.1 *	.15		
	(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																		
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of races or ethnicities other than your own	DDrace	1	Never	10	3	278	4	2,819	9	7,856	6	3.1	3.0	.08	2.9 ***	.26	3.0 *	.14	
		2	Sometimes	59	20	1,475	24	10,006	27	39,896	25								
		3	Often	118	39	2,201	35	12,081	31	53,012	33								
		4	Very often	111	38	2,363	37	12,518	32	58,214	36								
		Total			298	100	6,317	100	37,424	100	158,978								100
b. People from economic backgrounds other than your own	DDeconomic	1	Never	14	4	369	6	2,743	9	7,569	6	3.0	2.9 *	.14	2.9 ***	.19	3.0	.07	
		2	Sometimes	70	23	1,722	27	9,700	27	38,414	25								
		3	Often	115	38	2,329	38	13,456	35	59,158	37								
		4	Very often	104	35	1,875	30	11,457	30	53,449	33								
		Total			303	100	6,295	100	37,356	100	158,590								100

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. People with religious beliefs other than your own	DDreligion	1	Never	23	7	615	9	3,592	11	11,404	8	2.8	2.8	.07	2.8	.08	2.9	-.04
		2	Sometimes	90	31	1,929	30	10,758	29	43,781	28							
		3	Often	102	34	2,070	33	12,137	32	52,995	33							
		4	Very often	86	29	1,687	27	10,839	28	50,368	32							
		Total		301	100	6,301	100	37,326	100	158,548	100							
d. People with political views other than your own	DDpolitical	1	Never	34	11	847	13	4,092	12	13,468	9	2.7	2.6	.11	2.7	-.04	2.8 *	-12
		2	Sometimes	103	34	2,418	38	11,771	32	50,839	32							
		3	Often	101	34	1,768	28	11,737	31	50,406	31							
		4	Very often	64	21	1,261	20	9,705	26	43,726	28							
		Total		302	100	6,294	100	37,305	100	158,439	100							
e. People with sexual orientations other than your own	ddsexorient	1	Never	32	11	647	11	4,364	14	14,096	10	2.7	2.7	.00	2.7	.04	2.8	-.07
		2	Sometimes	89	31	1,898	31	11,012	30	44,991	29							
		3	Often	98	32	2,032	32	11,150	29	49,419	30							
		4	Very often	81	27	1,711	27	10,747	28	49,878	31							
		Total		300	100	6,288	100	37,273	100	158,384	100							
f. People from countries other than your own	ddcountry	1	Never	33	10	860	13	5,715	17	17,340	12	2.6	2.6	.01	2.5	.07	2.6	-.06
		2	Sometimes	123	42	2,428	39	14,522	38	60,808	38							
		3	Often	85	28	1,699	27	9,066	24	42,254	26							
		4	Very often	58	20	1,307	21	8,013	21	38,159	24							
		Total		299	100	6,294	100	37,316	100	158,561	100							
9. During the current school year, about how often have you done the following?																		
a. Identified key information from reading assignments	LSreading	1	Never	9	3	135	3	891	3	3,571	3	3.0	2.9	.09	3.0	-.02	3.0	.00
		2	Sometimes	68	23	1,683	27	8,920	24	37,794	24							
		3	Often	142	48	2,984	48	17,153	46	74,052	47							
		4	Very often	79	26	1,451	22	10,089	28	42,007	26							
		Total		298	100	6,253	100	37,053	100	157,424	100							
b. Reviewed your notes after class	LSnotes	1	Never	11	4	247	4	1,649	5	7,016	5	2.9	2.9	.03	2.9	-.03	2.9	.00
		2	Sometimes	90	31	1,861	31	10,271	28	45,413	29							
		3	Often	111	36	2,357	38	13,506	36	57,942	37							
		4	Very often	86	29	1,781	27	11,602	31	46,969	29							
		Total		298	100	6,246	100	37,028	100	157,340	100							

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Summarized what you learned in class or from course materials	LSummary	1	Never	13	4	307	5	1,704	5	7,287	5	2.8	2.8	.06	2.9	-.07	2.9	-.04	
		2	Sometimes	102	35	2,083	34	10,647	29	46,489	30								
		3	Often	111	36	2,423	38	14,832	40	63,211	40								
		4	Very often	73	25	1,437	22	9,834	27	40,274	25								
		Total		299	100	6,250	100	37,017	100	157,261	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	6	2	36	1	325	1	1,238	1	5.2	5.3	-.02	5.4 *	-.12	5.4	-.09	
		2		2	1	77	1	488	1	1,891	1								
		3		18	6	288	5	1,759	5	7,566	5								
		4		45	14	949	15	4,813	13	19,995	13								
		5		97	33	2,281	38	12,106	32	53,898	34								
		6		67	24	1,370	22	8,646	23	38,959	24								
		7	Very much	56	19	1,219	18	8,639	24	32,762	21								
Total		291	100	6,220	100	36,776	100	156,309	100										
11. Which of the following have you done while in college or do you plan to do before you graduate?^f																			
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		56	19	1,248	20	6,545	20	23,261	16	8%	6%	.07	7%	.01	8%	.00	
		Do not plan to do		23	7	395	6	2,873	9	10,168	7								
		Plan to do		193	66	4,248	68	24,624	64	110,381	69								
		Done or in progress		21	8	314	6	2,624	7	12,069	8								
		Total		293	100	6,205	100	36,666	100	155,879	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		99	34	2,130	34	11,391	32	44,700	29	7%	7%	.02	9%	-.07	10%	-.11	
		Do not plan to do		65	23	1,806	29	10,111	30	38,334	26								
		Plan to do		108	36	1,888	31	11,570	29	55,819	35								
		Done or in progress		19	7	354	7	3,448	9	16,616	10								
		Total		291	100	6,178	100	36,520	100	155,469	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		110	38	2,443	39	13,442	38	53,496	35	8%	8%	.02	9%	-.02	11%	-.10	
		Do not plan to do		37	13	1,403	23	9,667	28	41,133	27								
		Plan to do		116	41	1,878	30	9,900	26	42,646	27								
		Done or in progress		25	8	441	8	3,394	9	17,641	11								
		Total		288	100	6,165	100	36,403	100	154,916	100								

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	87	31	2,143	35	11,603	32	45,953	30	3%	2%	.08	2%	.04	3%	.02
			Do not plan to do	100	35	1,951	33	13,439	39	49,931	34							
			Plan to do	90	31	1,979	31	10,494	26	54,876	33							
			Done or in progress	9	3	99	2	894	2	4,243	3							
			Total	286	100	6,172	100	36,430	100	155,003	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	112	39	2,677	43	14,900	41	58,749	38	6%	4% *	.11	5%	.07	5%	.05
			Do not plan to do	64	22	1,543	24	9,462	27	36,527	24							
			Plan to do	93	33	1,734	29	10,287	27	51,349	32							
			Done or in progress	19	6	216	4	1,768	5	8,274	5							
			Total	288	100	6,170	100	36,417	100	154,899	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	97	33	2,599	41	13,345	37	52,097	35	5%	1% ***	.19	2% *	.12	2% **	.13
			Do not plan to do	32	11	778	12	4,556	13	17,459	12							
			Plan to do	148	51	2,714	46	17,626	47	81,936	51							
			Done or in progress	13	5	79	1	871	2	3,330	2							
			Total	290	100	6,170	100	36,398	100	154,822	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?																		
	servcourse		1 None	118	41	2,971	48	16,640	48	73,100	48	1.8	1.6 **	.17	1.7 **	.16	1.6 **	.18
			2 Some	126	45	2,478	41	15,401	41	64,948	41							
			3 Most	32	10	568	9	3,175	8	12,457	8							
			4 All	10	4	107	2	859	3	3,144	2							
			Total	286	100	6,124	100	36,075	100	153,649	100							
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students	Q1student		1 Poor	6	2	109	2	789	2	2,560	2	5.3	5.3	.00	5.3	-.01	5.4	-.05
			2	6	2	133	2	842	2	3,141	2							
			3	13	4	322	5	1,776	5	7,267	5							
			4	41	14	855	14	4,515	12	18,594	12							
			5	81	29	1,681	28	9,315	25	42,381	27							
			6	77	26	1,585	26	8,862	23	42,383	27							
			7 Excellent	61	21	1,376	22	8,195	23	34,588	23							
			— Not applicable	1	0	65	1	1,880	7	3,094	3							
			Total	286	100	6,126	100	36,174	100	154,008	100							

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Academic advisors	QIadvisor	1	Poor	16	5	169	3	946	3	3,872	3	5.0	5.2 *	-0.15	5.5 ***	-0.31	5.4 ***	-0.26
		2		9	3	239	4	1,202	3	5,194	3							
		3		27	9	401	7	2,240	6	9,791	6							
		4		39	13	796	13	4,159	11	18,753	12							
		5		54	19	1,373	23	6,731	18	30,926	20							
		6		57	19	1,326	22	7,701	21	34,382	22							
		7	Excellent	62	22	1,520	24	12,429	35	48,211	31							
		—	Not applicable	23	9	300	5	738	3	2,718	2							
	Total	287	100	6,124	100	36,146	100	153,847	100									
c. Faculty	QIfaculty	1	Poor	9	3	145	2	572	2	2,004	1	5.0	5.2 *	-0.15	5.5 ***	-0.35	5.4 ***	-0.32
		2		10	3	209	3	774	2	3,029	2							
		3		18	6	341	6	1,737	5	7,241	5							
		4		49	17	880	15	4,368	12	19,382	13							
		5		88	31	1,590	26	8,935	24	40,584	26							
		6		57	19	1,567	26	9,700	26	44,070	28							
		7	Excellent	45	16	1,171	18	9,394	28	35,365	24							
		—	Not applicable	11	4	214	3	651	2	2,115	2							
	Total	287	100	6,117	100	36,131	100	153,790	100									
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	9	3	245	4	1,159	3	4,508	3	5.0	5.0	.02	5.2	-0.12	5.2	-0.07
		2		13	5	261	4	1,202	3	5,076	3							
		3		19	6	366	6	2,081	5	9,728	6							
		4		36	13	752	13	4,298	11	20,622	13							
		5		56	20	1,206	20	7,057	18	33,337	21							
		6		51	17	1,150	19	7,248	19	33,247	21							
		7	Excellent	56	19	1,134	17	8,205	23	31,793	21							
		—	Not applicable	45	17	1,004	16	4,844	16	15,371	11							
	Total	285	100	6,118	100	36,094	100	153,682	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 Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	11	4	228	3	1,059	3	4,417	3	5.0	5.0	.02	5.3 *	-0.15	5.1	-0.07
		2		12	4	265	4	1,235	3	5,437	3							
		3		22	8	415	7	2,306	6	10,282	7							
		4		37	13	862	14	4,704	13	21,799	14							
		5		61	21	1,269	21	7,443	20	34,004	22							
		6		45	16	1,161	20	7,581	20	32,915	21							
		7	Excellent	59	20	1,151	17	9,018	26	32,445	21							
		—	Not applicable	40	14	771	13	2,802	9	12,522	9							
	Total	287	100	6,122	100	36,148	100	153,821	100									
14. How much does your institution emphasize the following?																		
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	6	2	122	2	697	2	2,680	2	3.0	3.0	-0.07	3.0	-0.07	3.0	-0.07
		2	Some	69	24	1,241	20	7,610	21	31,163	21							
		3	Quite a bit	130	47	2,902	48	17,114	47	72,909	48							
		4	Very much	80	27	1,820	29	10,565	29	46,422	29							
			Total	285	100	6,085	100	35,986	100	153,174	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	16	5	278	5	1,828	6	6,570	5	2.9	2.9	.00	3.0	-0.07	2.9	-0.06
		2	Some	78	26	1,604	27	8,285	23	36,246	24							
		3	Quite a bit	114	42	2,527	42	14,866	40	66,537	43							
		4	Very much	76	26	1,669	26	10,926	31	43,444	28							
			Total	284	100	6,078	100	35,905	100	152,797	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	25	9	509	9	2,622	8	9,792	7	2.9	2.9	.00	3.0	-0.09	3.0	-0.09
		2	Some	62	22	1,292	22	6,972	20	30,449	20							
		3	Quite a bit	105	37	2,264	38	13,352	37	59,696	39							
		4	Very much	90	32	1,997	31	12,896	35	52,701	34							
			Total	282	100	6,062	100	35,842	100	152,638	100							
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	27	10	608	11	4,184	13	15,832	11	2.7	2.7	.01	2.7	.04	2.7	.01
		2	Some	85	30	1,747	30	10,287	29	44,948	30							
		3	Quite a bit	110	38	2,239	37	12,587	34	55,466	36							
		4	Very much	63	22	1,470	23	8,743	24	36,259	24							
			Total	285	100	6,064	100	35,801	100	152,505	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 Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Providing opportunities to be involved socially	SEsocial	1	Very little	27	10	499	8	2,756	9	9,167	7	2.8	2.8	-.03	2.8	-.07	2.9 *	-0.15
		2	Some	83	29	1,640	28	8,959	26	36,978	25							
		3	Quite a bit	103	37	2,429	41	13,991	38	62,641	41							
		4	Very much	71	24	1,490	23	10,031	27	43,518	28							
		Total		284	100	6,058	100	35,737	100	152,304	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	17	6	488	9	3,046	9	11,616	8	2.8	2.8	.01	2.8	.01	2.8	-.01
		2	Some	87	31	1,612	28	9,385	27	41,022	27							
		3	Quite a bit	108	39	2,296	38	13,572	37	59,967	39							
		4	Very much	70	24	1,656	26	9,701	26	39,582	26							
		Total		282	100	6,052	100	35,704	100	152,187	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	62	21	1,252	22	7,983	23	35,393	24	2.4	2.3	.04	2.3	.04	2.3	.09
		2	Some	96	35	2,157	36	12,743	35	57,223	37							
		3	Quite a bit	82	29	1,785	29	9,689	27	39,748	26							
		4	Very much	43	15	852	13	5,242	15	19,566	13							
		Total		283	100	6,046	100	35,657	100	151,930	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	45	15	930	15	5,279	18	14,688	11	2.6	2.6	.01	2.6	-.02	2.8 **	-0.19
		2	Some	88	32	1,796	31	9,201	26	39,577	26							
		3	Quite a bit	89	32	2,143	36	12,719	34	59,163	38							
		4	Very much	62	20	1,170	18	8,396	22	38,403	25							
		Total		284	100	6,039	100	35,595	100	151,831	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	57	20	1,299	21	7,342	23	26,320	19	2.4	2.3	.02	2.3	.01	2.4	-.06
		2	Some	110	39	2,191	37	12,129	34	54,868	36							
		3	Quite a bit	70	25	1,717	29	10,546	28	47,355	30							
		4	Very much	45	15	834	13	5,586	15	23,267	15							
		Total		282	100	6,041	100	35,603	100	151,810	100							

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
15. To what extent do you agree or disagree with the following statements?																		
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	5	2	99	2	816	2	3,264	3.1	3.1	-.02	3.2 *	-.14	3.2	-.11	
		2	Disagree	28	9	506	9	2,908	8	13,179								9
		3	Agree	173	62	3,772	62	19,697	54	85,008								55
		4	Strongly agree	75	27	1,671	27	12,162	35	50,338								34
		Total		281	100	6,048	100	35,583	100	151,789								100
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	7	3	164	3	1,254	4	5,774	2.9	2.9	-.02	3.0 *	-.13	3.0	-.05	
		2	Disagree	53	19	975	17	5,575	15	26,496								18
		3	Agree	170	61	3,845	63	20,278	56	86,466								56
		4	Strongly agree	48	17	1,062	17	8,438	25	32,856								22
		Total		278	100	6,046	100	35,545	100	151,592								100
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	12	5	206	4	1,463	5	6,092	2.9	2.9	.00	3.0	-.11	3.0	-.10	
		2	Disagree	53	18	1,224	21	6,194	18	27,060								18
		3	Agree	170	62	3,572	59	19,370	54	83,132								54
		4	Strongly agree	45	16	1,049	17	8,535	24	35,453								23
		Total		280	100	6,051	100	35,562	100	151,737								100
16. About how many hours do you spend in a typical 7-day week doing the following?																		
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	29	1	189	1	646	14.7	14.3	.05	14.3	.05	14.9	-.02	
		3	1-5 hrs	29	11	818	13	4,755	14	16,892								12
		8	6-10 hrs	62	22	1,471	23	8,144	23	32,512								22
		13	11-15 hrs	68	24	1,329	22	7,900	22	34,570								23
		18	16-20 hrs	59	22	1,162	20	6,979	20	31,009								20
		23	21-25 hrs	32	11	660	11	3,872	11	18,263								12
		28	26-30 hrs	12	4	268	5	1,850	5	8,914								6
		33	More than 30 hrs	16	6	306	5	1,776	5	8,478								6
Total		281	100	6,043	100	35,465	100	151,284	100									

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d Response options		Frequency Distributions ^a								Statistical Comparisons ^b							
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmocurrhrs	0	0 hrs	143	50	3,229	51	14,600	45	50,969	36	4.1	3.9	.02	4.8	-.10	5.4 ***	-20	
	(Recorded version of tmocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	74	26	1,512	25	9,872	26	47,865	30								
	8	6-10 hrs	25	10	534	10	4,488	12	22,654	15									
	13	11-15 hrs	20	7	371	7	2,789	7	13,657	9									
	18	16-20 hrs	8	2	204	4	1,823	5	8,141	5									
	23	21-25 hrs	6	2	92	2	904	2	4,156	3									
	28	26-30 hrs	4	1	32	1	381	1	1,552	1									
	33	More than 30 hrs	2	1	51	1	522	1	1,970	1									
	Total			282	100	6,025	100	35,379	100	150,964	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	230	81	5,279	86	28,584	83	117,585	79	2.7	1.8 *	.19	2.2	.10	2.5	.05	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	6	2	103	2	1,336	3	6,599	4								
	8	6-10 hrs	9	3	186	3	2,067	5	10,558	6									
	13	11-15 hrs	17	7	206	4	1,494	4	7,906	5									
	18	16-20 hrs	11	4	167	3	1,180	3	5,234	4									
	23	21-25 hrs	4	1	56	1	384	1	1,894	1									
	28	26-30 hrs	3	1	9	0	152	0	525	0									
	33	More than 30 hrs	2	1	27	1	182	1	783	1									
	Total			282	100	6,033	100	35,379	100	151,084	100								
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	167	59	3,651	64	20,301	55	97,179	63	7.1	6.0	.12	9.1 **	-.16	6.6	.05	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	14	5	318	5	1,770	5	7,553	5								
	8	6-10 hrs	11	4	360	6	2,152	6	8,657	6									
	13	11-15 hrs	22	9	391	6	2,230	6	9,208	6									
	18	16-20 hrs	26	9	487	7	2,446	7	9,605	6									
	23	21-25 hrs	20	7	421	6	1,913	5	6,967	5									
	28	26-30 hrs	12	4	214	3	1,221	4	4,005	3									
	33	More than 30 hrs	10	4	186	3	3,379	13	7,965	7									
	Total			282	100	6,028	100	35,412	100	151,139	100								
Estimated number of hours working for pay	tmworkhrs										9.9	7.7 **	.20	11.3	-.10	9.0	.07		
	(Continuous variable created by NSSE)																		

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	202	71	4,426	73	23,031	65	96,482	64	2.5	1.8 *	.16	2.3	.05	2.2	.06	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	47	16	1,058	18	8,310	23	38,201	24								△
	8	6-10 hrs	10	3	269	5	2,030	6	7,887	5									
	13	11-15 hrs	10	4	146	2	948	3	4,145	3									
	18	16-20 hrs	8	3	68	1	534	2	2,147	2									
	23	21-25 hrs	2	1	31	1	255	1	1,229	1									
	28	26-30 hrs	4	2	12	0	96	0	337	0									
	33	More than 30 hrs	1	0	22	0	191	1	612	0									
Total				284	100	6,032	100	35,395	100	151,040	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	14	5	148	2	1,071	3	3,223	2	12.1	11.8	.04	11.7	.05	12.3	-.02	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	55	19	1,502	23	8,313	24	30,587	20								
	8	6-10 hrs	81	29	1,659	27	9,482	26	41,168	27									
	13	11-15 hrs	57	21	1,142	19	6,801	19	32,102	21									
	18	16-20 hrs	32	11	735	13	4,636	13	21,373	14									
	23	21-25 hrs	13	5	336	6	2,140	6	9,821	7									
	28	26-30 hrs	7	2	151	3	1,021	3	4,418	3									
	33	More than 30 hrs	22	8	347	6	1,942	6	8,332	6									
Total				281	100	6,020	100	35,406	100	151,024	100								
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	183	66	3,809	66	23,821	64	113,978	74	4.0	3.3	.10	5.3 **	-.13	3.3	.09	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	28	9	973	15	4,198	12	14,888	10								
	8	6-10 hrs	30	11	511	8	2,022	6	6,844	5									
	13	11-15 hrs	17	7	279	5	1,340	4	4,873	3									
	18	16-20 hrs	10	3	161	3	835	3	2,783	2									
	23	21-25 hrs	3	1	80	1	492	2	1,724	1									
	28	26-30 hrs	1	0	43	1	299	1	770	1									
	33	More than 30 hrs	10	3	143	2	2,344	8	4,848	4									
Total				282	100	5,999	100	35,351	100	150,708	100								

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d Response options		Frequency Distributions ^a								Statistical Comparisons ^b						
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	62	23	1,254	23	16,060	45	66,230	43	6.3	5.4	.13	3.9 ***	.39	3.9 ***	.40
		3	1-5 hrs	114	40	2,726	44	11,568	32	52,983	35							
		8	6-10 hrs	51	18	1,153	18	4,064	11	16,896	12							
		13	11-15 hrs	28	11	437	7	1,717	5	7,162	5							
		18	16-20 hrs	10	3	207	3	864	2	3,465	2							
		23	21-25 hrs	6	2	95	2	436	1	1,891	1							
		28	26-30 hrs	5	2	42	1	200	1	756	1							
		33	More than 30 hrs	6	2	107	2	498	1	1,677	1							
			Total	282	100	6,021	100	35,407	100	151,060	100							
17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																		
reading	1 Very little	1	Very little	33	12	664	12	4,596	13	21,122	15	2.7	2.7	.01	2.7	-.04	2.6	.06
		2	Some	96	35	2,110	36	12,258	34	53,760	36							
		3	About half	88	31	1,811	29	9,890	28	41,470	27							
		4	Most	51	17	1,028	17	6,088	18	24,818	16							
		5	Almost all	15	5	385	6	2,455	7	9,350	6							
			Total	283	100	5,998	100	35,287	100	150,520	100							
tmreadinghrs											6.4	6.3	.01	6.6	-.04	6.4	-.01	
<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																		
tmreadinghrscol <i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	1 0 hrs	1	0 hrs	3	1	29	1	186	1	630	1	6.4	6.3	.01	6.6	-.04	6.4	-.01
		2	More than zero, up to 5 hrs	147	53	3,161	54	18,607	52	77,960	53							
		3	More than 5, up to 10 hrs	83	29	1,697	28	9,588	27	42,890	28							
		4	More than 10, up to 15 hrs	24	8	544	9	3,381	10	14,585	9							
		5	More than 15, up to 20 hrs	11	4	291	5	1,735	5	7,401	5							
		6	More than 20, up to 25 hrs	9	3	175	3	1,070	3	4,455	3							
		7	More than 25 hrs	4	1	80	1	564	2	1,988	1							
			Total	281	100	5,977	100	35,131	100	149,909	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 Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																		
a. Writing clearly and effectively	pgwrite	1	Very little	14	5	327	6	1,986	6	9,787	7	2.9	2.8	.10	2.9	.02	2.8	.09
		2	Some	68	24	1,550	26	8,902	25	40,628	27							
		3	Quite a bit	126	46	2,810	47	15,609	43	65,612	43							
		4	Very much	72	24	1,306	21	8,783	25	34,530	23							
			Total	280	100	5,993	100	35,280	100	150,557	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	19	7	306	6	3,016	10	15,395	11	2.8	2.8	-.02	2.8	.08	2.7 **	.15
		2	Some	75	26	1,535	26	9,971	28	46,089	30							
		3	Quite a bit	118	43	2,690	44	14,068	39	57,674	38							
		4	Very much	68	23	1,453	23	8,166	23	31,167	21							
			Total	280	100	5,984	100	35,221	100	150,325	100							
c. Thinking critically and analytically	pgthink	1	Very little	7	3	161	3	1,006	3	4,239	3	3.1	3.0	.08	3.1	.03	3.1	.03
		2	Some	49	17	1,148	20	6,678	19	28,664	19							
		3	Quite a bit	129	48	2,835	47	15,879	44	67,842	44							
		4	Very much	94	33	1,840	30	11,661	34	49,583	33							
			Total	279	100	5,984	100	35,224	100	150,328	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	15	5	526	9	4,156	11	17,647	11	2.9	2.8 **	.19	2.7 ***	.24	2.7 ***	.24
		2	Some	71	25	1,767	29	10,845	30	45,601	30							
		3	Quite a bit	118	42	2,395	41	12,648	36	54,407	36							
		4	Very much	75	28	1,294	22	7,576	22	32,636	22							
			Total	279	100	5,982	100	35,225	100	150,291	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	38	13	966	16	4,262	13	19,259	13	2.6	2.5 *	.13	2.7	-.06	2.6	-.01
		2	Some	92	34	2,042	34	10,701	30	48,086	32							
		3	Quite a bit	91	32	1,981	33	12,293	34	52,097	34							
		4	Very much	58	21	989	16	7,965	23	30,893	21							
			Total	279	100	5,978	100	35,221	100	150,335	100							
f. Working effectively with others	pgothers	1	Very little	10	4	342	6	2,628	9	10,076	8	2.9	2.9	.08	2.8 *	.13	2.8 *	.12
		2	Some	74	27	1,578	27	9,319	27	41,444	28							
		3	Quite a bit	122	43	2,564	43	14,228	39	61,920	40							
		4	Very much	74	26	1,493	24	9,030	25	36,866	24							
			Total	280	100	5,977	100	35,205	100	150,306	100							

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	25	10	573	11	3,432	11	15,252	11	2.7	2.6	.09	2.7	.00	2.7	.02	
		2	Some	86	31	1,929	33	9,918	28	43,417	29								
		3	Quite a bit	103	37	2,320	38	13,670	38	57,930	38								
		4	Very much	64	23	1,161	19	8,164	23	33,598	22								
		Total		278	100	5,983	100	35,184	100	150,197	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	23	9	400	8	2,819	9	11,887	9	2.9	2.9	.03	2.8	.07	2.8	.07	
		2	Some	62	22	1,436	25	9,066	26	40,273	27								
		3	Quite a bit	111	41	2,451	40	13,649	38	58,518	38								
		4	Very much	80	28	1,691	27	9,663	27	39,609	26								
		Total		276	100	5,978	100	35,197	100	150,287	100								
i. Solving complex real-world problems	pgprobolve	1	Very little	27	10	666	12	3,659	11	15,453	11	2.6	2.6	.03	2.7	-.04	2.7	-.04	
		2	Some	99	36	1,988	34	11,180	32	48,599	32								
		3	Quite a bit	97	35	2,207	37	12,865	36	55,097	36								
		4	Very much	55	19	1,118	18	7,524	21	31,254	21								
		Total		278	100	5,979	100	35,228	100	150,403	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	25	9	707	12	3,920	12	17,008	12	2.7	2.6	.06	2.7	.00	2.6	.02	
		2	Some	101	35	1,974	34	11,155	32	48,572	32								
		3	Quite a bit	97	36	2,132	35	12,544	34	53,601	35								
		4	Very much	56	20	1,189	19	7,693	22	31,492	21								
		Total		279	100	6,002	100	35,312	100	150,673	100								
19. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	6	2	106	2	817	2	3,327	2	3.0	3.0	-.04	3.1 **	-.18	3.1 **	-.15	
		2	Fair	53	19	1,127	19	5,717	16	24,183	17								
		3	Good	160	58	3,357	56	18,089	50	78,830	51								
		4	Excellent	59	21	1,412	23	10,763	32	44,783	30								
		Total		278	100	6,002	100	35,386	100	151,123	100								
20. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	6	2	188	3	1,375	4	5,747	4	3.1	3.1	.07	3.2	-.08	3.2	-.03	
		2	Probably no	40	15	943	16	4,908	13	21,130	14								
		3	Probably yes	144	51	3,093	51	15,865	44	69,686	46								
		4	Definitely yes	92	32	1,806	30	13,425	39	55,211	37								
		Total		282	100	6,030	100	35,573	100	151,774	100								

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d Response options	Frequency Distributions ^a								Statistical Comparisons ^b												
			Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp							
			Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e						
21. Do you intend to return to this institution next year?^f																							
	returnexp	No	8	3	161	3	1,545	4	6,548	4	91%	90%	.06	87% *	.13	88%	.12						
(Means indicate the percentage who responded "Yes.")		Yes	259	91	5,468	90	31,210	87	134,102	88													
		Not sure	16	6	415	7	2,889	8	11,379	8											△		
		Total	283	100	6,044	100	35,644	100	152,029	100													

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
I. During the current school year, about how often have you done the following?																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	30	4	516	4	2,207	4	6,590	3	2.9	2.9 **	-.10	3.0 ***	-.18	3.0 ***	-.21
		2	Sometimes	292	36	4,833	31	14,860	27	57,389	27							
		3	Often	238	30	4,916	32	18,339	31	71,009	32							
		4	Very often	246	30	5,155	33	22,450	38	86,719	38							
		Total		806	100	15,420	100	57,856	100	221,707	100							
b. Asked another student to help you understand course material	CLaskhelp	1	Never	57	8	1,733	11	12,009	23	37,334	18	2.7	2.5 ***	.16	2.3 ***	.40	2.4 ***	.30
		2	Sometimes	308	39	6,567	43	22,980	40	89,808	41							
		3	Often	262	32	4,200	27	13,560	22	56,316	25							
		4	Very often	176	22	2,899	19	9,152	15	37,487	16							
		Total		803	100	15,399	100	57,701	100	220,945	100							
c. Explained course material to one or more students	CLexplain	1	Never	45	6	1,077	7	8,317	17	23,760	12	2.8	2.7 **	.12	2.5 ***	.30	2.6 ***	.19
		2	Sometimes	276	34	6,235	40	21,071	37	80,249	37							
		3	Often	297	36	4,998	33	17,145	29	70,902	31							
		4	Very often	186	24	3,064	21	11,123	18	45,750	20							
		Total		804	100	15,374	100	57,656	100	220,661	100							
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	103	13	2,857	19	16,004	30	52,780	26	2.6	2.4 ***	.22	2.2 ***	.42	2.3 ***	.32
		2	Sometimes	255	31	5,854	38	19,339	33	75,457	34							
		3	Often	273	34	3,991	26	13,023	21	53,362	23							
		4	Very often	171	21	2,580	17	8,969	15	37,927	17							
		Total		802	100	15,282	100	57,335	100	219,526	100							
e. Worked with other students on course projects or assignments	CLproject	1	Never	19	2	779	5	8,792	18	23,155	12	3.2	2.9 ***	.25	2.6 ***	.54	2.7 ***	.42
		2	Sometimes	159	19	4,295	28	16,334	28	62,697	29							
		3	Often	309	38	5,546	36	17,774	30	73,240	33							
		4	Very often	316	40	4,622	31	14,215	24	59,617	27							
		Total		803	100	15,242	100	57,115	100	218,709	100							
f. Given a course presentation	present	1	Never	48	6	1,539	10	8,992	18	28,610	14	2.9	2.7 ***	.21	2.5 ***	.39	2.6 ***	.33
		2	Sometimes	234	30	5,291	35	19,675	35	76,749	36							
		3	Often	273	34	4,876	32	16,428	28	65,571	29							
		4	Very often	246	30	3,506	23	11,915	20	47,434	21							
		Total		801	100	15,212	100	57,010	100	218,364	100							

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIIntegrate	1	Never	28	4	616	4	2,849	5	9,437	5	3.0	2.9	.01	2.9	.06	2.9	.03	
			2	Sometimes	220	28	4,046	27	15,137	27	56,983								27
			3	Often	303	38	5,961	39	21,954	38	85,512								39
			4	Very often	249	31	4,462	30	16,523	29	64,409								29
			Total	800	100	15,085	100	56,463	100	216,341	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	70	10	988	8	3,924	8	14,496	8	2.7	2.8 ***	-0.15	2.8 ***	-0.12	2.8 ***	-0.13	
			2	Sometimes	258	33	4,247	29	16,286	30	62,804								30
			3	Often	269	33	5,417	35	20,136	35	77,157								35
			4	Very often	197	23	4,365	28	15,812	27	60,688								27
			Total	794	100	15,017	100	56,158	100	215,145	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	115	16	1,501	11	6,420	13	23,280	12	2.5	2.7 ***	-0.18	2.7 ***	-0.12	2.7 ***	-0.14	
			2	Sometimes	258	34	4,401	31	17,177	32	66,037								31
			3	Often	245	29	4,915	32	17,932	31	69,208								31
			4	Very often	173	21	4,134	26	14,324	24	55,400								25
			Total	791	100	14,951	100	55,853	100	213,925	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	50	7	723	5	2,674	5	9,649	5	2.8	2.9 *	-0.08	2.9 *	-0.09	2.9 **	-0.10	
			2	Sometimes	222	29	4,023	28	14,850	27	57,042								27
			3	Often	329	41	6,350	42	23,583	42	91,282								43
			4	Very often	185	23	3,735	25	14,297	25	54,239								25
			Total	786	100	14,831	100	55,404	100	212,212	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	27	4	375	3	1,769	4	6,436	4	2.9	3.0 **	-0.11	3.0	-0.06	3.0	-0.07	
			2	Sometimes	196	27	3,176	22	12,294	23	47,055								23
			3	Often	332	42	6,460	44	24,103	43	93,039								44
			4	Very often	224	28	4,698	31	16,627	30	63,210								30
			Total	779	100	14,709	100	54,793	100	209,740	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	18	2	307	2	1,320	3	4,690	3	3.0	3.0	-0.05	3.0	-0.01	3.0	-0.02	
			2	Sometimes	189	26	3,381	24	13,669	26	51,096								25
			3	Often	340	44	6,294	43	23,142	42	90,059								43
			4	Very often	222	28	4,561	30	15,990	29	61,435								29
			Total	769	100	14,543	100	54,121	100	207,280	100								

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	10	2	162	1	629	1	2,318	1	3.1	3.2 **	-0.11	3.2 ***	-0.14	3.2 ***	-0.14	
		2	Sometimes	138	19	2,167	16	7,718	15	29,367	15								
		3	Often	349	45	6,402	44	23,849	44	91,972	45								
		4	Very often	273	34	5,709	39	21,485	40	81,839	39								
		Total		770	100	14,440	100	53,681	100	205,496	100								
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	146	19	3,001	21	9,470	19	34,697	19	2.4	2.3 *	.08	2.4	-0.02	2.4	-0.02	
		2	Sometimes	283	38	5,881	41	20,128	38	78,747	39								
		3	Often	195	25	3,125	21	13,089	23	49,982	23								
		4	Very often	143	18	2,408	16	10,961	19	41,959	19								
		Total		767	100	14,415	100	53,648	100	205,385	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	292	39	6,780	46	23,848	47	83,544	43	2.1	1.9 ***	.19	1.9 ***	.18	2.0 **	.12	
		2	Sometimes	221	28	4,073	29	15,079	27	61,178	29								
		3	Often	139	18	2,025	14	7,946	14	33,453	16								
		4	Very often	113	15	1,491	11	6,558	12	26,377	12								
		Total		765	100	14,369	100	53,431	100	204,552	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	223	29	4,956	33	16,577	33	57,073	30	2.2	2.1 **	.12	2.1 *	.08	2.1	.04	
		2	Sometimes	276	37	5,247	38	19,444	36	78,015	38								
		3	Often	167	22	2,566	19	10,397	19	41,914	20								
		4	Very often	96	13	1,505	11	6,598	12	26,001	12								
		Total		762	100	14,274	100	53,016	100	203,003	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	188	25	3,957	28	11,823	24	46,791	25	2.2	2.1 *	.09	2.2	-0.02	2.2	.01	
		2	Sometimes	307	40	5,877	41	21,853	41	85,991	42								
		3	Often	163	21	2,889	20	12,153	22	44,493	21								
		4	Very often	102	13	1,549	11	7,172	13	25,782	12								
		Total		760	100	14,272	100	53,001	100	203,057	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	45	6	870	7	4,232	8	16,565	8	2.8	2.8	-0.07	2.7	.02	2.7	.01	
		2	Some	245	33	3,943	29	16,169	31	61,378	31								
		3	Quite a bit	307	40	5,942	41	20,500	38	77,915	38								
		4	Very much	161	21	3,431	23	11,763	22	45,972	22								
		Total		758	100	14,186	100	52,664	100	201,830	100								

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	14	2	466	4	1,524	3	5,733	3	3.1	3.0	.02	3.1	-.02	3.1	-.03	
		2	Some	164	22	2,969	21	10,174	20	38,358	19								
		3	Quite a bit	344	45	6,055	43	23,038	44	88,848	44								
		4	Very much	232	31	4,617	32	17,700	33	67,978	34								
		Total		754	100	14,107	100	52,436	100	200,917	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	20	3	471	4	1,718	3	6,450	3	3.0	3.0	-.01	3.0	-.02	3.1	-.02	
		2	Some	159	22	2,944	22	10,774	21	40,946	21								
		3	Quite a bit	332	44	5,881	42	22,180	43	85,402	43								
		4	Very much	233	31	4,685	33	17,243	33	66,416	33								
		Total		744	100	13,981	100	51,915	100	199,214	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	24	4	526	4	2,081	4	8,937	5	3.0	3.0	-.04	3.0	-.03	3.0	-.01	
		2	Some	174	25	2,905	22	11,051	22	43,600	23								
		3	Quite a bit	317	42	5,902	42	22,163	43	83,724	42								
		4	Very much	229	30	4,578	32	16,385	31	62,044	31								
		Total		744	100	13,911	100	51,680	100	198,305	100								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	20	3	466	4	1,704	4	6,785	4	3.0	3.0	-.06	3.0	-.05	3.0	-.04	
		2	Some	182	26	2,894	21	10,857	22	42,220	22								
		3	Quite a bit	311	41	6,186	44	23,024	44	87,658	44								
		4	Very much	223	30	4,334	31	15,871	30	60,749	30								
		Total		736	100	13,880	100	51,456	100	197,412	100								
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	12	2	291	2	1,333	3	4,464	2	3.1	3.2 **	-.10	3.2 **	-.10	3.2 **	-.10	
		2	Some	157	23	2,497	18	9,041	18	34,144	18								
		3	Quite a bit	316	42	5,664	41	20,947	40	83,559	42								
		4	Very much	253	34	5,336	38	19,850	39	74,185	38								
		Total		738	100	13,788	100	51,171	100	196,352	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	30	4	669	5	2,525	5	8,047	4	3.0	3.0 *	-.07	3.1 **	-.11	3.1 ***	-.12	
		2	Some	178	25	2,870	21	9,907	19	37,255	19								
		3	Quite a bit	307	42	5,622	41	20,631	40	82,767	42								
		4	Very much	220	29	4,589	33	17,962	35	67,762	35								
		Total		735	100	13,750	100	51,025	100	195,831	100								

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	19	3	499	4	2,194	5	7,112	4	3.1	3.1	.02	3.1	.03	3.1	.01
		2	Some	139	19	2,809	20	10,117	20	37,774	20							
		3	Quite a bit	317	43	5,409	39	19,730	38	78,098	40							
		4	Very much	262	35	5,025	36	18,917	37	72,500	37							
		Total		737	100	13,742	100	50,958	100	195,484	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	44	6	1,082	8	4,376	9	16,577	9	2.9	2.9	.01	2.9	.01	2.9	.03
		2	Some	204	29	3,696	27	13,026	26	51,057	27							
		3	Quite a bit	260	35	4,706	34	17,197	33	67,446	34							
		4	Very much	227	30	4,212	31	16,246	31	60,090	30							
		Total		735	100	13,696	100	50,845	100	195,170	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	48	7	1,163	9	3,820	8	14,312	8	2.8	2.8	.04	2.9	-.04	2.8	-.01
		2	Some	207	29	3,958	29	13,170	26	52,553	27							
		3	Quite a bit	282	38	4,862	36	18,555	36	72,689	37							
		4	Very much	197	26	3,682	27	15,108	30	54,840	28							
		Total		734	100	13,665	100	50,653	100	194,394	100							
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	28	4	505	4	1,916	4	6,887	4	3.0	3.1	-.07	3.1 **	-.12	3.1 *	-.10
		2	Some	166	23	2,876	21	9,807	19	38,708	20							
		3	Quite a bit	306	42	5,464	40	19,826	39	79,226	40							
		4	Very much	233	31	4,751	35	18,875	38	68,753	36							
		Total		733	100	13,596	100	50,424	100	193,574	100							
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	18	3	385	3	1,814	4	6,141	3	3.0	3.1	-.06	3.1	-.04	3.1	-.05
		2	Some	156	22	2,692	20	9,880	20	37,992	20							
		3	Quite a bit	331	45	5,818	43	21,008	41	83,186	43							
		4	Very much	226	30	4,680	34	17,564	35	65,739	34							
		Total		731	100	13,575	100	50,266	100	193,058	100							
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	44	6	1,107	9	3,927	8	14,126	8	2.8	2.8	.02	2.8	-.02	2.8	.00
		2	Some	217	31	4,138	30	14,373	28	56,707	29							
		3	Quite a bit	305	42	5,142	39	19,128	38	75,339	39							
		4	Very much	162	21	3,175	23	12,794	25	46,623	24							
		Total		728	100	13,562	100	50,222	100	192,795	100							

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	19	3	417	3	1,698	4	5,671	3	3.0	3.1 ** ▽	-0.11	3.1 ** ▽	-0.11	3.1 *** ▽	-0.12	
		2	Some	153	22	2,314	17	8,366	17	31,931	17								
		3	Quite a bit	312	43	5,618	41	20,550	41	80,885	42								
		4	Very much	245	33	5,205	38	19,560	39	74,113	38								
		Total		729	100	13,554	100	50,174	100	192,600	100								
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	51	7	1,370	10	5,199	10	19,383	10	2.8	2.7 * △	0.09	2.7 * △	0.09	2.7	0.07	
		2	Sometimes	243	34	4,675	33	16,868	34	63,652	33								
		3	Often	257	35	4,719	36	17,349	35	67,095	36								
		4	Very often	166	24	2,638	21	10,112	21	39,985	22								
		Total		717	100	13,402	100	49,528	100	190,115	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	108	15	2,023	15	7,718	16	29,602	16	2.5	2.5	0.00	2.5	0.02	2.5	0.01	
		2	Sometimes	263	37	4,881	36	17,800	36	67,523	35								
		3	Often	208	29	4,085	31	15,094	31	57,735	30								
		4	Very often	138	19	2,372	18	8,732	18	34,557	18								
		Total		717	100	13,361	100	49,344	100	189,417	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	78	11	1,915	14	8,016	16	28,064	15	2.5	2.5	0.02	2.5 *	0.09	2.5	0.04	
		2	Sometimes	291	40	4,998	37	18,412	37	69,478	37								
		3	Often	224	32	4,235	32	14,946	31	59,593	32								
		4	Very often	122	17	2,171	17	7,754	16	31,439	17								
		Total		715	100	13,319	100	49,128	100	188,574	100								
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.)																			
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	43	6	717	6	3,196	7	11,972	7	7.2	7.7	-0.07	7.5	-0.05	7.6	-0.05	
		1.5	1-2	126	18	2,100	16	8,414	17	33,431	18								
		4	3-5	224	32	4,106	30	14,331	29	54,431	29								
		8	6-10	157	22	3,080	23	10,926	22	41,059	22								
		13	11-15	75	11	1,464	11	5,240	11	20,556	11								
		18	16-20	30	4	691	5	2,660	5	10,458	6								
		23	More than 20	58	8	1,118	8	4,222	9	16,312	9								
Total		713	100	13,276	100	48,989	100	188,219	100										

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California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Between 6 and 10 pages	wrmednum	0	None	176	25	2,813	22	11,870	24	47,305	26	4.0	4.1	-.02	3.8	.05	3.6 *	.09	
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	216	31	4,115	31	15,457	31	60,814	32								
		4	3-5	159	22	3,251	25	11,510	24	43,634	23								
		8	6-10	83	12	1,820	14	6,067	13	21,597	12								
		13	11-15	41	6	662	5	2,131	4	7,812	4								
		18	16-20	12	2	232	2	789	2	2,832	2								
		23	More than 20	21	3	307	2	955	2	3,499	2								
	Total			708	100	13,200	100	48,779	100	187,493	100								
c. 11 pages or more	wrlongnum	0	None	331	47	6,239	46	24,296	49	93,383	50	2.7	2.4	.06	2.1 **	.14	2.0 ***	.16	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	217	30	4,034	31	14,913	31	58,966	30								
		4	3-5	67	10	1,411	11	5,059	10	19,003	10								
		8	6-10	40	6	686	5	2,175	5	7,786	4								
		13	11-15	28	4	483	4	1,244	3	4,495	3								
		18	16-20	7	1	129	1	434	1	1,532	1								
		23	More than 20	21	3	263	2	764	2	2,727	2								
	Total			711	100	13,245	100	48,885	100	187,892	100								
Estimated number of assigned pages of student writing.	wrpages										93.3	91.7	.01	84.2 *	.09	81.6 **	.11		
	(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																		
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of races or ethnicities other than your own	DDrace	1	Never	28	4	522	4	3,418	8	10,121	6	3.1	3.2	-.03	3.0 ***	.19	3.0 ***	.13	
		2	Sometimes	134	20	2,655	20	12,293	25	46,352	24								
		3	Often	245	35	4,150	31	15,028	30	59,026	31								
		4	Very often	303	42	5,922	45	18,133	37	72,268	39								
		Total			710	100	13,249	100	48,872	100	187,767								100
b. People from economic backgrounds other than your own	DDeconomic	1	Never	35	5	606	5	3,162	7	9,092	5	3.0	3.0	.00	2.9 **	.12	3.0	.04	
		2	Sometimes	158	23	3,142	24	12,325	26	44,687	24								
		3	Often	245	34	4,542	34	16,902	34	67,012	35								
		4	Very often	268	38	4,923	38	16,368	33	66,610	35								
		Total			706	100	13,213	100	48,757	100	187,401								100

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. People with religious beliefs other than your own	DDreligion	1	Never	50	7	1,077	8	4,292	10	13,708	8	2.9	2.9	.02	2.8 *	.09	2.9	.02
		2	Sometimes	185	27	3,619	27	13,962	29	52,396	28							
		3	Often	227	32	4,166	32	15,225	31	59,707	32							
		4	Very often	245	34	4,355	33	15,246	31	61,503	33							
		Total		707	100	13,217	100	48,725	100	187,314	100							
d. People with political views other than your own	DDpolitical	1	Never	73	10	1,307	10	4,584	10	14,535	8	2.7	2.7	-.04	2.8 **	-.10	2.8 ***	-.15
		2	Sometimes	257	37	4,608	35	14,896	31	58,041	31							
		3	Often	200	28	3,678	27	14,917	30	58,119	31							
		4	Very often	177	25	3,610	28	14,316	29	56,545	30							
		Total		707	100	13,203	100	48,713	100	187,240	100							
e. People with sexual orientations other than your own	ddsexorient	1	Never	58	9	1,041	8	5,228	12	16,921	10	2.8	2.9 **	-.11	2.7	.01	2.8	-.05
		2	Sometimes	233	35	3,767	29	14,782	31	55,263	30							
		3	Often	203	28	4,074	30	14,168	28	55,826	29							
		4	Very often	210	28	4,312	32	14,470	29	59,012	31							
		Total		704	100	13,194	100	48,648	100	187,022	100							
f. People from countries other than your own	ddcountry	1	Never	52	8	1,166	8	6,773	14	20,706	11	2.8	2.8	.00	2.6 ***	.19	2.7 **	.10
		2	Sometimes	261	37	4,763	36	19,141	39	71,798	38							
		3	Often	196	28	3,716	28	11,730	24	48,323	26							
		4	Very often	197	27	3,577	28	11,079	23	46,433	25							
		Total		706	100	13,222	100	48,723	100	187,260	100							
9. During the current school year, about how often have you done the following?																		
a. Identified key information from reading assignments	LSreading	1	Never	27	4	297	2	1,262	3	5,152	3	2.9	3.1 ***	-.23	3.1 ***	-.24	3.1 ***	-.22
		2	Sometimes	187	27	2,612	20	9,488	20	37,085	20							
		3	Often	295	42	5,704	43	20,683	42	79,253	42							
		4	Very often	194	26	4,532	34	17,050	35	64,825	34							
		Total		703	100	13,145	100	48,483	100	186,315	100							
b. Reviewed your notes after class	LSnotes	1	Never	41	6	613	5	2,973	7	12,212	7	2.8	2.9 **	-.10	2.9 *	-.09	2.9	-.05
		2	Sometimes	208	30	3,566	28	12,716	27	52,739	28							
		3	Often	271	38	4,689	35	16,884	35	63,309	34							
		4	Very often	183	26	4,256	31	15,860	32	57,972	31							
		Total		703	100	13,124	100	48,433	100	186,232	100							

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				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. Summarized what you learned in class or from course materials	LSummary	1	Never	47	7	625	5	2,383	5	9,893	6	2.8	2.9 **	-12	2.9 ***	-15	2.9 **	-12
		2	Sometimes	203	30	3,563	28	12,413	26	50,086	27							
		3	Often	278	39	5,084	38	18,628	38	71,251	38							
		4	Very often	173	24	3,854	29	15,006	31	54,910	29							
		Total		701	100	13,126	100	48,430	100	186,140	100							
10. During the current school year, to what extent have your courses challenged you to do your best work?																		
challenge		1	Not at all	8	1	128	1	525	1	1,983	1	5.4	5.5	-08	5.6 **	-12	5.5	-07
		2		10	2	192	2	702	2	2,681	2							
		3		34	5	591	5	2,036	4	8,408	5							
		4		87	13	1,423	11	5,034	11	20,036	11							
		5		223	31	3,608	28	12,816	26	52,971	28							
		6		147	21	3,155	24	11,843	24	46,366	25							
		7	Very much	188	27	3,945	29	15,129	32	52,556	28							
Total		697	100	13,042	100	48,085	100	185,001	100									
11. Which of the following have you done while in college or do you plan to do before you graduate?^f																		
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	98	13	2,035	15	5,787	13	18,361	11	40%	36%	.07	43%	-07	48% ***	-17	
		Do not plan to do	115	18	2,145	17	8,884	20	31,175	18								
		Plan to do	201	29	4,111	31	11,526	24	41,594	23								
		Done or in progress	284	40	4,737	36	21,813	43	93,785	48								
		Total	698	100	13,028	100	48,010	100	184,915	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	108	15	2,400	18	7,144	15	22,727	13	29%	21% ***	.17	26%	.07	32%	-07	
		Do not plan to do	306	45	6,388	49	23,187	50	82,241	46								
		Plan to do	78	12	1,521	12	4,445	9	16,257	9								
		Done or in progress	206	29	2,689	21	13,157	26	63,328	32								
		Total	698	100	12,998	100	47,933	100	184,553	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	126	17	2,668	20	8,030	17	26,702	15	19%	16%	.05	19%	-02	22% *	-09	
		Do not plan to do	338	49	6,117	49	24,259	52	94,983	53								
		Plan to do	102	15	1,984	15	5,493	11	19,039	10								
		Done or in progress	132	19	2,191	16	9,940	19	43,189	22								
		Total	698	100	12,960	100	47,722	100	183,913	100								

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				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	116	16	2,507	18	6,998	15	23,619	13	5%	4%	.04	6%	-.01	9% **	▽	
			Do not plan to do	474	69	8,551	67	34,238	72	129,003	70								
			Plan to do	68	10	1,387	11	3,725	8	14,582	8								
			Done or in progress	39	5	522	4	2,805	6	16,876	9								
			Total	697	100	12,967	100	47,766	100	184,080	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	118	16	2,939	22	8,571	18	28,527	16	23%	16% ***	.19	18% **	.12	22%	.01	
			Do not plan to do	334	47	6,278	48	24,621	52	91,114	50								
			Plan to do	84	13	1,845	15	5,468	12	20,754	12								
			Done or in progress	161	23	1,911	16	9,078	18	43,572	22								
			Total	697	100	12,973	100	47,738	100	183,967	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	83	11	2,120	15	5,260	11	17,377	10	47%	39% ***	.16	44%	.06	46%	.03	
			Do not plan to do	163	23	3,122	23	9,337	20	36,846	21								
			Plan to do	123	19	2,785	22	11,426	25	41,793	24								
			Done or in progress	328	47	4,946	39	21,700	44	87,929	46								
			Total	697	100	12,973	100	47,723	100	183,945	100								
12. About how many of your courses at this institution have included a community-based project (service-learning)?																			
	servcourse		1 None	263	39	4,404	36	17,196	39	70,076	41	1.9	1.8	.03	1.8 *	.10	1.7 **	△	
			2 Some	301	43	6,439	49	23,333	47	89,057	47								
			3 Most	88	13	1,601	12	5,420	11	18,814	10								
			4 All	38	6	435	3	1,517	3	5,012	3								
			Total	690	100	12,879	100	47,466	100	182,959	100								
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	Q1student		1 Poor	8	1	196	2	793	2	2,616	2	5.7	5.6 **	.11	5.6 *	.08	5.6 **	.09	
			2	8	1	264	2	860	2	3,034	2								
			3	19	3	518	4	1,778	4	7,114	4								
			4	57	8	1,369	11	4,444	9	17,738	10								
			5	172	25	2,912	22	10,421	21	43,210	23								
			6	194	29	3,407	26	12,094	25	50,395	27								
			7 Excellent	232	32	4,110	31	14,717	31	54,323	30								
			— Not applicable	3	1	142	1	2,464	6	4,978	3								
			Total	693	100	12,918	100	47,571	100	183,408	100								

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Academic advisors	QIadvisor	1	Poor	32	5	592	5	2,053	5	8,193	5.1	5.1	-0.01	5.4 ***	-0.14	5.3 *	-0.08	
		2		35	5	604	5	2,030	4	8,215								5
		3		44	6	934	7	3,092	6	13,072								7
		4		89	13	1,664	13	5,177	11	21,425								12
		5		159	23	2,543	20	7,865	16	32,603								18
		6		130	20	2,410	19	8,977	19	35,581								19
		7	Excellent	185	26	3,727	28	17,431	37	61,168								33
		—	Not applicable	16	2	425	4	892	2	2,933								2
	Total	690	100	12,899	100	47,517	100	183,190	100									
c. Faculty	QIfaculty	1	Poor	17	3	305	3	884	2	2,904	5.3	5.4	-0.05	5.6 ***	-0.18	5.5 ***	-0.15	
		2		16	2	353	3	1,007	2	3,761								2
		3		32	4	746	6	2,080	4	8,069								5
		4		102	15	1,549	12	4,895	10	19,820								11
		5		171	25	2,876	22	10,231	21	41,807								22
		6		173	25	3,305	26	12,598	26	51,552								28
		7	Excellent	171	24	3,561	27	15,148	33	53,193								29
		—	Not applicable	10	1	214	2	679	2	2,089								1
	Total	692	100	12,909	100	47,522	100	183,195	100									
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	27	4	611	5	1,969	4	7,504	5.0	5.0	-0.04	5.1 **	-0.11	5.0	-0.05	
		2		27	4	521	4	1,722	4	7,208								4
		3		53	8	795	6	2,737	6	11,893								6
		4		96	14	1,424	11	5,122	11	22,433								12
		5		137	20	2,099	16	7,522	15	32,965								17
		6		102	15	2,058	16	7,663	16	31,215								17
		7	Excellent	135	19	2,680	20	10,704	23	36,739								20
		—	Not applicable	114	16	2,711	21	10,037	22	33,118								19
	Total	691	100	12,899	100	47,476	100	183,075	100									

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	33	5	648	5	2,028	5	8,328	5	4.9	5.0	-.01	5.2 ***	-.14	5.0	-.05	
		2		34	5	641	5	2,003	4	8,420	5								
		3		48	6	913	7	3,126	6	13,415	7								
		4		111	15	1,712	13	5,922	12	25,597	14								
		5		143	22	2,410	19	8,886	18	36,484	19								
		6		108	16	2,406	19	9,177	19	35,300	19								
		7	Excellent	147	21	2,824	21	12,493	27	41,336	23								
		—	Not applicable	68	10	1,353	10	3,882	9	14,305	9								
	Total			692	100	12,907	100	47,517	100	183,185	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	8	1	250	2	1,004	2	3,453	2	3.1	3.1	.00	3.1	.05	3.1	.03	
		2	Some	134	19	2,380	19	9,294	20	34,611	19								
		3	Quite a bit	312	45	5,624	44	21,423	45	82,134	45								
		4	Very much	238	34	4,598	35	15,634	33	62,380	34								
			Total			692	100	12,852	100	47,355	100								182,578
b. Providing support to help students succeed academically	SEacademic	1	Very little	41	6	775	6	2,891	7	10,633	6	2.8	2.9	-.04	2.9 *	-.08	2.9	-.05	
		2	Some	187	28	3,366	27	11,514	25	46,839	26								
		3	Quite a bit	287	42	5,116	40	18,960	40	75,352	41								
		4	Very much	174	24	3,573	27	13,888	29	49,433	27								
			Total			689	100	12,830	100	47,253	100								182,257
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	68	10	1,543	12	4,874	11	17,712	10	2.7	2.8	-.03	2.8 **	-.10	2.8 *	-.09	
		2	Some	199	29	3,251	26	11,293	24	45,460	25								
		3	Quite a bit	255	37	4,446	34	16,924	35	67,866	37								
		4	Very much	168	23	3,570	27	14,115	29	51,015	27								
			Total			690	100	12,810	100	47,206	100								182,053
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	60	9	1,550	13	7,098	16	25,846	15	2.8	2.7	.02	2.6 ***	.15	2.6 ***	.14	
		2	Some	207	30	3,531	28	13,969	30	56,096	31								
		3	Quite a bit	247	36	4,257	33	15,018	31	59,108	32								
		4	Very much	176	24	3,475	27	11,039	23	40,768	22								
			Total			690	100	12,813	100	47,124	100								181,818

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Providing opportunities to be involved socially	SEsocial	1	Very little	60	10	1,235	10	5,129	12	16,318	10	2.8	2.8	-.02	2.7	.04	2.8	-.03
		2	Some	197	29	3,533	28	12,670	28	48,178	27							
		3	Quite a bit	258	38	4,674	37	17,273	36	69,936	38							
		4	Very much	176	24	3,358	25	12,000	24	47,251	25							
		Total		691	100	12,800	100	47,072	100	181,683	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	58	9	1,325	11	5,726	13	21,405	12	2.8	2.8	-.02	2.7 *	.08	2.7	.07
		2	Some	203	30	3,469	27	13,599	29	53,614	30							
		3	Quite a bit	257	38	4,518	36	16,186	34	64,433	35							
		4	Very much	172	23	3,466	26	11,519	24	42,074	23							
		Total		690	100	12,778	100	47,030	100	181,526	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	190	28	3,751	30	14,667	32	59,089	33	2.3	2.2	.07	2.2 **	.10	2.1 ***	.15
		2	Some	215	32	4,338	34	15,820	33	62,593	34							
		3	Quite a bit	176	26	2,865	22	10,192	21	38,025	21							
		4	Very much	106	14	1,812	14	6,300	13	21,648	12							
		Total		687	100	12,766	100	46,979	100	181,355	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	125	19	2,572	20	9,955	24	29,161	17	2.5	2.5	-.01	2.4	.03	2.6 **	-.11
		2	Some	234	35	3,992	31	13,266	28	51,736	29							
		3	Quite a bit	198	29	3,825	31	14,512	30	61,677	33							
		4	Very much	131	18	2,359	18	9,197	18	38,509	21							
		Total		688	100	12,748	100	46,930	100	181,083	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	159	24	2,903	22	11,458	26	40,439	24	2.3	2.4	-.07	2.3	.02	2.3	-.02
		2	Some	263	38	4,351	34	15,989	34	65,323	36							
		3	Quite a bit	167	24	3,546	28	12,496	26	49,833	27							
		4	Very much	101	14	1,959	15	6,948	14	25,520	14							
		Total		690	100	12,759	100	46,891	100	181,115	100							
15. To what extent do you agree or disagree with the following statements?																		
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	13	2	313	3	1,233	3	4,981	3	3.2	3.2	-.05	3.3 ***	-.13	3.3 *	-.09
		2	Disagree	64	10	958	8	3,227	7	13,791	8							
		3	Agree	372	54	6,558	51	22,661	48	89,215	49							
		4	Strongly agree	240	34	4,923	38	19,806	43	73,262	41							
		Total		689	100	12,752	100	46,927	100	181,249	100							

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	38	6	802	7	2,869	7	12,424	7	2.9	2.9	-.07	3.0 ***	-0.15	2.9 *	-0.08
		2	Disagree	154	22	2,331	18	7,835	17	33,585	18							
		3	Agree	348	51	6,627	51	23,275	49	89,380	49							
		4	Strongly agree	146	21	2,990	23	12,920	28	45,742	25							
		Total		686	100	12,750	100	46,899	100	181,131	100							
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	35	6	782	7	2,789	7	10,810	7	2.9	2.9	-.01	2.9	-.07	2.9	-.07
		2	Disagree	151	22	2,574	20	8,686	19	33,424	19							
		3	Agree	348	50	6,447	50	22,848	48	89,652	49							
		4	Strongly agree	157	22	2,959	23	12,634	27	47,418	26							
		Total		691	100	12,762	100	46,957	100	181,304	100							
16. About how many hours do you spend in a typical 7-day week doing the following?																		
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	2	0	39	0	196	0	768	0	15.9	15.9	.00	15.4	.06	15.7	.02
		3	1-5 hrs	76	11	1,362	10	5,625	12	20,120	11							
		8	6-10 hrs	125	18	2,799	22	10,453	22	38,941	21							
		13	11-15 hrs	154	22	2,583	20	9,321	20	37,141	20							
		18	16-20 hrs	144	21	2,481	20	8,885	19	34,669	19							
		23	21-25 hrs	87	13	1,523	12	5,315	11	21,210	12							
		28	26-30 hrs	37	5	875	7	3,108	7	12,214	7							
		33	More than 30 hrs	62	9	1,061	9	3,894	8	15,724	9							
		Total		687	100	12,723	100	46,797	100	180,787	100							

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California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	291	42	6,912	53	24,231	54	78,136	45	5.8	4.2 ***	.22	4.2 ***	.23	5.0 **	.12
	(Recorded version of tmcocurr)	3	1-5 hrs	155	23	2,801	23	10,701	22	47,202	25							
	created by NSSE.	8	6-10 hrs	95	14	1,120	10	4,626	10	22,442	12							
	Values are estimated number of hours per week.)	13	11-15 hrs	72	11	807	6	2,937	6	13,984	8							
		18	16-20 hrs	29	4	513	4	1,917	4	8,920	5							
		23	21-25 hrs	26	4	267	2	1,046	2	4,641	2							
		28	26-30 hrs	2	0	117	1	530	1	2,106	1							
		33	More than 30 hrs	17	2	161	1	733	1	3,044	2							
	Total			687	100	12,698	100	46,721	100	180,475	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	496	72	10,391	81	36,497	80	130,118	74	4.0	2.6 ***	.22	2.7 ***	.21	3.3 *	.10
	(Recorded version of tmworkon)	3	1-5 hrs	21	3	310	3	1,821	3	9,193	4							
	created by NSSE.	8	6-10 hrs	33	5	437	4	2,692	5	14,223	7							
	Values are estimated number of hours per week.)	13	11-15 hrs	37	6	526	4	2,113	4	10,832	6							
		18	16-20 hrs	76	11	729	6	2,249	5	10,038	5							
		23	21-25 hrs	15	2	154	1	654	1	3,117	2							
		28	26-30 hrs	0	0	66	1	308	1	1,180	1							
		33	More than 30 hrs	8	1	84	1	403	1	1,851	1							
	Total			686	100	12,697	100	46,737	100	180,552	100							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	242	36	4,230	35	15,689	33	72,272	40	13.4	14.0	-.04	15.6 ***	-.16	13.0	.03
	(Recorded version of tmworkoff)	3	1-5 hrs	24	3	557	5	2,006	4	8,964	5							
	created by NSSE.	8	6-10 hrs	47	7	778	6	2,931	6	12,136	6							
	Values are estimated number of hours per week.)	13	11-15 hrs	63	10	956	8	3,158	6	13,388	7							
		18	16-20 hrs	79	11	1,533	12	4,423	9	16,938	9							
		23	21-25 hrs	72	10	1,216	9	3,654	7	13,319	7							
		28	26-30 hrs	59	8	1,050	8	3,111	6	9,853	5							
		33	More than 30 hrs	101	15	2,389	18	11,801	27	33,737	20							
	Total			687	100	12,709	100	46,773	100	180,607	100							
Estimated number of hours working for pay	tmworkhrs										17.5	16.6	.06	18.3	-.06	16.3 *	.09	
	(Continuous variable created by NSSE)																	

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Statistical Comparisons^b

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	416	61	7,597	61	26,627	58	100,031	56	3.3	3.0	.04	3.0	.06	2.9	.06
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	144	20	2,755	22	12,659	26	52,708	28							
	8	6-10 hrs	49	7	1,017	7	3,466	7	13,172	7								
	13	11-15 hrs	39	6	586	4	1,715	4	6,667	4								
	18	16-20 hrs	13	2	379	3	1,072	2	3,748	2								
	23	21-25 hrs	12	2	167	1	469	1	1,771	1								
	28	26-30 hrs	3	0	73	1	248	1	826	0								
	33	More than 30 hrs	8	1	108	1	460	1	1,563	1								
	Total			684	100	12,682	100	46,716	100	180,486	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	22	3	517	4	1,775	4	5,768	3	11.8	10.8 **	.11	10.5 ***	.15	11.1 *	.08
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	152	22	3,673	27	13,448	28	45,982	25							
	8	6-10 hrs	192	27	3,493	27	13,038	28	50,852	28								
	13	11-15 hrs	152	22	2,244	18	8,315	18	34,848	19								
	18	16-20 hrs	78	11	1,325	11	5,151	11	21,926	12								
	23	21-25 hrs	43	7	569	5	2,027	4	8,920	5								
	28	26-30 hrs	16	2	284	3	1,037	2	4,200	2								
	33	More than 30 hrs	33	5	597	5	1,946	4	8,015	5								
	Total			688	100	12,702	100	46,737	100	180,511	100							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	388	56	6,652	55	26,167	55	117,214	64	5.9	6.7 *	-.08	8.2 ***	-.19	6.1	-.02
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	96	15	1,861	14	5,317	11	18,342	10							
	8	6-10 hrs	57	8	1,047	8	3,002	7	9,315	5								
	13	11-15 hrs	40	6	710	5	2,023	4	6,537	4								
	18	16-20 hrs	25	4	523	4	1,623	4	4,918	3								
	23	21-25 hrs	18	3	265	2	847	2	2,645	2								
	28	26-30 hrs	9	1	208	2	760	2	2,080	1								
	33	More than 30 hrs	50	7	1,422	10	6,967	16	19,297	11								
	Total			683	100	12,688	100	46,706	100	180,348	100							

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

NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
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	31	4	1,566	12	14,765	33	51,168	7.4	6.2 *** ▲	.18	4.5 *** ▲	.48	4.5 *** ▲	.50	
		3	1-5 hrs	327	46	6,247	50	19,973	42	84,668								46
		8	6-10 hrs	192	29	2,831	22	6,836	15	25,942								15
		13	11-15 hrs	76	11	1,018	8	2,499	5	9,418								5
		18	16-20 hrs	28	5	488	4	1,150	2	4,186								2
		23	21-25 hrs	14	2	189	2	532	1	2,016								1
		28	26-30 hrs	8	1	115	1	280	1	954								1
		33	More than 30 hrs	14	2	265	2	732	2	2,244								1
		Total		690	100	12,719	100	46,767	100	180,596								100
17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																		
reading	tmreadinghrs	1	Very little	114	18	1,243	11	5,761	13	25,829	2.6	2.9 *** ▼	-.26	2.9 *** ▼	-.22	2.8 ** ▼	-.13	
		2	Some	220	33	3,338	28	13,143	28	53,728								30
		3	About half	182	25	3,814	30	13,281	28	49,240								27
		4	Most	112	16	2,814	21	9,875	21	35,517								19
		5	Almost all	55	8	1,449	10	4,507	10	15,590								8
		Total		683	100	12,658	100	46,567	100	179,904								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.)	tmreadinghrscol	1	0 hrs	2	0	38	0	192	0	749	6.8	7.9 *** ▼	-.16	7.6 ** ▼	-.11	7.2	-.06	
		2	More than zero, up to 5 hrs	342	52	5,378	44	21,331	46	85,050								48
		3	More than 5, up to 10 hrs	187	27	3,683	29	13,217	28	51,511								28
		4	More than 10, up to 15 hrs	71	10	1,516	12	5,166	11	19,021								10
		5	More than 15, up to 20 hrs	42	6	930	7	3,061	7	11,230								6
		6	More than 20, up to 25 hrs	22	4	679	5	2,249	5	7,857								4
		7	More than 25 hrs	13	2	390	3	1,175	3	3,860								2
		Total		679	100	12,614	100	46,391	100	179,278								100

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																		
a. Writing clearly and effectively	pgwrite	1	Very little	42	7	524	5	2,175	5	8,728	5	3.0	3.1 *	-.09	3.1 *	-.09	3.0	-.07
		2	Some	129	19	2,409	20	9,153	20	36,496	21							
		3	Quite a bit	294	43	5,216	41	18,282	39	70,563	39							
		4	Very much	217	31	4,543	35	17,052	36	64,411	35							
		Total		682	100	12,692	100	46,662	100	180,198	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	24	4	741	7	3,285	8	12,311	8	3.0	3.0 **	.10	2.9 **	.11	2.9 ***	.12
		2	Some	145	21	2,815	23	10,402	23	41,213	23							
		3	Quite a bit	286	42	4,969	39	17,407	37	67,819	37							
		4	Very much	229	33	4,144	31	15,502	32	58,683	32							
		Total		684	100	12,669	100	46,596	100	180,026	100							
c. Thinking critically and analytically	pgthink	1	Very little	8	2	294	3	1,156	3	4,000	3	3.3	3.3	.02	3.3	.00	3.3	-.02
		2	Some	79	12	1,669	14	5,956	13	22,194	13							
		3	Quite a bit	293	44	4,889	39	17,567	38	67,526	37							
		4	Very much	302	43	5,819	45	21,948	46	86,325	48							
		Total		682	100	12,671	100	46,627	100	180,045	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	38	6	1,027	8	4,355	9	15,870	9	3.0	2.9 ***	.13	2.9 ***	.16	2.9 ***	.13
		2	Some	148	21	3,090	24	11,656	25	44,234	24							
		3	Quite a bit	250	37	4,453	35	15,590	34	60,728	34							
		4	Very much	245	37	4,106	33	15,018	33	59,185	34							
		Total		681	100	12,676	100	46,619	100	180,017	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	41	6	1,201	10	3,488	8	13,789	8	3.0	2.9 ***	.15	3.0	.02	3.0	.05
		2	Some	150	22	3,171	25	10,003	22	40,482	23							
		3	Quite a bit	253	37	4,480	36	16,144	34	62,232	34							
		4	Very much	239	35	3,830	30	16,996	36	63,562	35							
		Total		683	100	12,682	100	46,631	100	180,065	100							
f. Working effectively with others	pgothers	1	Very little	13	2	568	5	2,733	7	8,815	6	3.2	3.1 ***	.15	3.0 ***	.21	3.0 ***	.18
		2	Some	102	15	2,465	20	9,324	21	35,639	21							
		3	Quite a bit	291	43	4,910	39	17,191	36	68,877	38							
		4	Very much	274	40	4,740	37	17,351	36	66,655	36							
		Total		680	100	12,683	100	46,599	100	179,986	100							

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NSSE 2023 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Cal Poly Pomona		CSU Comparison		Master's L		NSSE Comp		Cal Poly Pomona	CSU Comparison		Master's L		NSSE Comp		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	39	7	1,037	9	4,293	10	16,819	11	2.9	2.9	.04	2.9	.04	2.9	.05	
		2	Some	170	26	3,000	24	10,780	24	42,054	24								
		3	Quite a bit	263	38	4,625	36	16,065	34	62,853	34								
		4	Very much	210	30	4,005	30	15,444	32	58,182	31								
		Total		682	100	12,667	100	46,582	100	179,908	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	41	7	777	7	3,960	10	14,709	9	3.0	3.0	-.06	2.9	.06	2.9	.05	
		2	Some	153	24	2,555	21	10,836	24	43,071	24								
		3	Quite a bit	255	36	4,529	36	15,841	33	62,927	34								
		4	Very much	233	33	4,813	36	15,950	33	59,252	32								
		Total		682	100	12,674	100	46,587	100	179,959	100								
i. Solving complex real-world problems	pgprobolve	1	Very little	38	6	1,123	9	3,951	9	14,503	9	3.0	2.8 **	.11	2.9 *	.09	2.9 *	.08	
		2	Some	167	24	3,254	26	11,600	25	45,250	25								
		3	Quite a bit	260	38	4,536	36	16,541	35	64,566	35								
		4	Very much	218	32	3,760	29	14,518	31	55,716	31								
		Total		683	100	12,673	100	46,610	100	180,035	100								
j. Being an informed and active citizen	pgcizen	1	Very little	78	12	1,332	11	5,218	12	20,354	12	2.8	2.8	-.01	2.8	.00	2.7	.01	
		2	Some	188	27	3,437	28	12,527	27	50,066	28								
		3	Quite a bit	227	33	4,343	34	15,379	32	59,473	32								
		4	Very much	193	28	3,577	27	13,522	28	50,332	28								
		Total		686	100	12,689	100	46,646	100	180,225	100								
19. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	22	4	388	4	1,388	3	5,300	3	3.1	3.1	.02	3.2 *	-.09	3.2 *	-.08	
		2	Fair	96	15	2,000	16	6,470	14	24,553	14								
		3	Good	334	48	5,875	46	20,297	43	80,558	44								
		4	Excellent	236	34	4,453	35	18,627	40	70,261	39								
		Total		688	100	12,716	100	46,782	100	180,672	100								
20. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	27	4	542	5	2,427	5	9,332	5	3.2	3.2	.01	3.2	-.03	3.2	.00	
		2	Probably no	92	14	1,736	13	6,192	13	24,485	13								
		3	Probably yes	291	42	5,369	43	18,288	39	73,315	40								
		4	Definitely yes	281	40	5,111	39	20,039	43	74,237	41								
		Total		691	100	12,758	100	46,946	100	181,369	100								

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NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics^B

California State Polytechnic University-Pomona

First-Year Students

Variable Name	N				Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Cal Poly Pomona	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp			
	Comparisons with:			Comparisons with:			Comparisons with:			Comparisons with:			Comparisons with:			Comparisons with:									
1 a. askquest	405	2.68	2.67	2.75	2.78	.040	.009	.004	.002	.79	.81	.88	.85	7,695	414	158,117	.692	.081	.019	.02	-.08	-.12			
b. CLaskhelp	401	2.65	2.59	2.27	2.45	.042	.010	.005	.002	.84	.89	.96	.92	7,647	411	403	.184	.000	.000	.07	.40	.22			
c. CLexplain	400	2.59	2.55	2.34	2.52	.042	.010	.005	.002	.84	.83	.93	.89	7,643	409	157,065	.371	.000	.126	.05	.27	.08			
d. CLstudy	398	2.41	2.36	2.15	2.33	.049	.011	.005	.002	.97	.93	.99	.98	7,583	39,641	155,973	.341	.000	.142	.05	.25	.07			
e. CLproject	399	2.65	2.67	2.35	2.54	.042	.010	.005	.002	.83	.84	.97	.91	7,557	409	400	.636	.000	.009	-.02	.31	.12			
f. present	394	2.38	2.37	2.17	2.20	.047	.010	.005	.002	.93	.87	.93	.90	432	39,261	395	.900	.000	.000	.01	.23	.20			
2 a. RIntegrate	389	2.60	2.58	2.54	2.60	.043	.010	.005	.002	.84	.84	.88	.87	7,431	38,617	151,911	.613	.218	.976	.03	.06	.00			
b. RIsocietal	381	2.58	2.56	2.58	2.60	.044	.010	.005	.002	.86	.87	.90	.89	7,350	38,173	150,271	.642	.933	.581	.02	.00	-.03			
c. RIdiverse	373	2.60	2.65	2.57	2.63	.047	.011	.005	.002	.91	.87	.93	.91	7,275	37,768	148,563	.324	.569	.490	-.05	.03	-.04			
d. Rlownview	372	2.83	2.76	2.79	2.80	.040	.010	.004	.002	.77	.79	.82	.81	7,185	380	146,377	.091	.374	.556	.09	.04	.03			
e. Rlperspect	364	2.93	2.92	2.91	2.93	.040	.010	.004	.002	.75	.78	.81	.79	7,093	36,624	143,534	.904	.723	.991	.01	.02	.00			
f. Rlnewview	352	2.85	2.86	2.87	2.87	.040	.009	.004	.002	.76	.77	.80	.80	6,975	35,950	140,821	.805	.723	.635	-.01	-.02	-.03			
g. Rlconnect	348	3.01	3.01	3.05	3.06	.040	.009	.004	.002	.74	.74	.76	.75	6,909	35,477	138,821	.898	.410	.226	.01	-.04	-.06			
3 a. SFcareer	346	2.16	2.12	2.31	2.31	.052	.012	.005	.003	.96	.93	.95	.94	6,904	35,432	138,607	.376	.006	.005	.05	-.15	-.15			
b. SFotherwork	348	1.87	1.71	1.78	1.83	.053	.011	.005	.003	.99	.89	.95	.95	377	35,247	348	.003	.087	.457	.18	.09	.04			
c. SFdiscuss	344	2.04	1.90	1.99	2.03	.055	.011	.005	.003	1.01	.90	.94	.93	372	349	344	.014	.368	.933	.15	.05	.00			
d. SFperform	341	2.12	1.99	2.19	2.16	.052	.011	.005	.002	.97	.88	.92	.91	370	34,771	136,019	.023	.118	.317	.14	-.09	-.05			
4 a. memorize	337	2.90	2.87	2.86	2.89	.043	.010	.004	.002	.79	.82	.83	.82	374	343	134,823	.477	.406	.872	.04	.04	.01			
b. HOapply	334	2.86	2.83	2.87	2.91	.043	.010	.004	.002	.79	.81	.81	.81	6,703	34,195	133,824	.601	.711	.218	.03	-.02	-.07			
c. HOanalyze	333	2.85	2.87	2.88	2.91	.044	.010	.004	.002	.80	.81	.82	.81	6,616	33,690	132,036	.664	.490	.167	-.02	-.04	-.08			
d. HOevaluate	326	2.91	2.91	2.91	2.91	.044	.010	.004	.002	.79	.80	.81	.81	6,562	33,441	131,126	.955	.903	.990	.00	-.01	.00			
e. HOform	326	2.95	2.90	2.91	2.92	.045	.010	.004	.002	.81	.80	.80	.80	6,552	33,242	130,348	.280	.458	.500	.06	.04	.04			
5 a. ETgoals	321	2.98	3.02	3.06	3.05	.045	.010	.004	.002	.81	.79	.80	.78	6,511	32,954	129,379	.353	.058	.096	-.05	-.11	-.09			
b. ETorganize	319	2.85	2.90	2.96	2.97	.047	.011	.005	.002	.84	.86	.87	.84	6,494	32,807	128,827	.363	.028	.015	-.05	-.12	-.14			
c. ETexample	320	2.99	2.97	2.98	3.00	.046	.011	.005	.002	.82	.84	.86	.83	6,477	32,741	128,548	.798	.867	.827	.01	.01	-.01			
d. ETdraftfb	319	2.83	2.83	2.87	2.83	.050	.012	.005	.003	.90	.90	.92	.91	6,451	32,645	128,183	.884	.534	.948	.01	-.03	.00			
e. ETfeedback	318	2.74	2.68	2.80	2.74	.050	.012	.005	.003	.89	.91	.92	.91	6,409	32,426	127,413	.219	.234	.996	.07	-.07	.00			
f. etcriteria	317	3.07	2.96	3.02	2.99	.045	.011	.005	.002	.81	.84	.85	.83	6,383	32,225	126,599	.032	.358	.090	.12	.05	.10			
g. etreview	315	3.01	2.97	3.00	2.98	.047	.010	.005	.002	.83	.80	.82	.80	6,373	32,109	126,154	.424	.836	.517	.05	.01	.04			
h. etprefer	314	2.70	2.61	2.70	2.66	.050	.011	.005	.002	.88	.86	.89	.87	6,360	32,047	125,829	.104	.992	.489	.09	.00	.04			
i. etdemonstrate	315	2.97	3.05	3.09	3.08	.047	.010	.005	.002	.84	.80	.82	.80	6,343	31,955	125,533	.066	.011	.012	-.11	-.14	-.14			

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics^g

California State Polytechnic University-Pomona

First-Year Students

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Cal Poly Pomona	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp				
	Comparisons with:																Comparisons with:			Comparisons with:						
6 a. QRconclude	309	2.70	2.62	2.60	2.62	.047	.011	.005	.002	.82	.83	.88	.87	6,225	315	310	.080	.022	.066	.10	.12	.10				
b. QRproblem	307	2.50	2.41	2.40	2.41	.052	.012	.005	.003	.91	.89	.93	.92	6,191	31,181	122,501	.079	.059	.083	.10	.11	.10				
c. QRevaluate	303	2.55	2.39	2.35	2.39	.049	.011	.005	.003	.86	.86	.91	.90	6,155	30,928	121,804	.001	.000	.001	.19	.23	.18				
7 a. wrshortnum	301	6.20	5.85	6.31	6.51	.310	.069	.033	.017	5.38	5.27	5.75	5.78	6,140	30,858	301	.251	.746	.330	.07	-.02	-.05				
b. wrmednum	300	2.91	2.31	2.47	2.45	.260	.048	.022	.011	4.50	3.70	3.87	3.73	320	303	300	.023	.094	.074	.16	.11	.13				
c. wrlongnum	300	1.85	1.26	1.26	1.17	.251	.047	.021	.010	4.35	3.56	3.59	3.35	320	303	300	.023	.020	.007	.16	.16	.20				
— wrpages	297	68.79	54.52	56.90	56.10	6.057	1.139	.507	.241	104.31	86.60	88.04	83.31	317	300	297	.021	.051	.037	.16	.13	.15				
8 a. DDrace	296	3.12	3.05	2.87	2.99	.048	.012	.006	.003	.83	.88	.97	.92	6,113	302	120,970	.179	.000	.016	.08	.26	.14				
b. DDeconomic	302	3.03	2.91	2.86	2.97	.050	.012	.005	.003	.87	.89	.94	.89	6,101	308	120,673	.017	.000	.228	.14	.19	.07				
c. DDreligion	299	2.85	2.78	2.77	2.88	.053	.012	.006	.003	.92	.95	.98	.94	6,099	305	120,589	.238	.168	.528	.07	.08	-.04				
d. DDpolitical	300	2.66	2.55	2.69	2.77	.054	.013	.006	.003	.93	.96	.98	.95	6,096	30,562	120,493	.071	.493	.032	.11	-.04	-.12				
e. ddsexorient	299	2.74	2.74	2.71	2.81	.056	.013	.006	.003	.97	.97	1.02	.98	6,086	30,522	120,423	.977	.518	.215	.00	.04	-.07				
f. ddcountry	297	2.57	2.55	2.49	2.62	.053	.013	.006	.003	.92	.96	1.00	.97	6,099	303	120,581	.843	.178	.316	.01	.07	-.06				
9 a. LSreading	298	2.97	2.90	2.99	2.97	.045	.010	.005	.002	.78	.76	.79	.78	6,055	30,338	119,641	.122	.671	.982	.09	-.02	.00				
b. LSnotes	298	2.90	2.88	2.93	2.90	.050	.011	.005	.003	.86	.86	.88	.88	6,049	30,321	119,580	.623	.578	.996	.03	-.03	.00				
c. LSsummary	298	2.82	2.77	2.88	2.85	.049	.011	.005	.002	.85	.85	.86	.85	6,056	30,307	119,533	.343	.242	.476	.06	-.07	-.04				
10 challenge	289	5.24	5.26	5.40	5.36	.078	.016	.007	.004	1.33	1.21	1.29	1.25	6,020	30,090	118,713	.790	.042	.124	-.02	-.12	-.09				
11 a. intern ^l	292	8%	6%	7%	8%	.016	.003	.002	.001	--	--	--	--	--	--	--	.188	.883	.957	.07	.01	.00				
b. leader ^l	290	7%	7%	9%	10%	.015	.003	.002	.001	--	--	--	--	--	--	--	.709	.255	.076	.02	-.07	-.11				
c. learncom ^l	286	8%	8%	9%	11%	.016	.004	.002	.001	--	--	--	--	--	--	--	.777	.798	.105	.02	-.02	-.10				
d. abroad ^l	285	3%	2%	2%	3%	.010	.002	.001	.000	--	--	--	--	--	--	--	.129	.498	.787	.08	.04	.02				
e. research ^l	287	6%	4%	5%	5%	.014	.003	.001	.001	--	--	--	--	--	--	--	.046	.212	.421	.11	.07	.05				
f. capstone ^l	290	5%	1%	2%	2%	.012	.002	.001	.000	--	--	--	--	--	--	--	.000	.017	.007	.19	.12	.13				
12 servcourse	285	1.77	1.65	1.66	1.64	.046	.010	.004	.002	.78	.72	.74	.72	5,910	29,476	116,519	.005	.009	.003	.17	.16	.18				
13 a. Qlstudent	284	5.31	5.32	5.32	5.37	.082	.018	.009	.004	1.38	1.37	1.46	1.37	5,846	27,406	113,538	.955	.889	.444	.00	-.01	-.05				
b. Qladvisor	261	4.99	5.23	5.49	5.40	.107	.021	.009	.005	1.73	1.55	1.59	1.58	281	28,659	114,235	.028	.000	.000	-.15	-.31	-.26				
c. Qlfaculty	274	4.98	5.20	5.48	5.42	.089	.019	.008	.004	1.48	1.43	1.40	1.35	5,695	28,819	114,645	.013	.000	.000	-.15	-.35	-.32				
d. Qlstaff	237	5.05	5.01	5.24	5.16	.105	.024	.010	.005	1.62	1.64	1.63	1.58	4,956	24,721	103,120	.735	.066	.252	.02	-.12	-.07				
e. Qladmin	246	5.03	5.00	5.28	5.15	.105	.023	.010	.005	1.65	1.61	1.60	1.58	5,131	26,844	106,287	.755	.017	.246	.02	-.15	-.07				

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics^B

California State Polytechnic University-Pomona

First-Year Students

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Cal Poly Pomona					CSU Comparison				Master's L				NSSE Comp				Comparisons with:			Comparisons with:			Comparisons with:		
	Cal Poly Pomona	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp				
14 a. empstudy	284	2.99	3.05	3.04	3.05	.046	.010	.004	.002	.78	.76	.76	.76	5,871	29,402	116,111	.221	.272	.211	-.07	-.07	-.07				
b. SEacademic	283	2.89	2.89	2.96	2.94	.051	.011	.005	.002	.85	.84	.87	.84	5,860	29,331	115,794	.952	.221	.341	.00	-.07	-.06				
c. SElearnsup	279	2.91	2.91	3.00	2.99	.057	.013	.005	.003	.95	.94	.93	.91	5,841	29,268	115,667	.940	.134	.139	.00	-.09	-.09				
d. SEdiverse	283	2.73	2.72	2.69	2.72	.054	.013	.006	.003	.91	.94	.97	.94	5,846	289	115,505	.871	.484	.891	.01	.04	.01				
e. SEsocial	282	2.76	2.78	2.82	2.89	.055	.012	.005	.003	.93	.89	.93	.89	5,838	29,163	282	.643	.237	.014	-.03	-.07	-.15				
f. SEwellness	280	2.82	2.81	2.80	2.82	.052	.012	.006	.003	.87	.92	.93	.91	5,832	285	115,224	.855	.825	.918	.01	.01	-.01				
g. SENonacad	281	2.37	2.34	2.33	2.28	.058	.013	.006	.003	.98	.96	.99	.97	5,822	29,072	115,030	.548	.470	.122	.04	.04	.09				
h. SEactivities	282	2.58	2.57	2.59	2.76	.058	.013	.006	.003	.98	.96	1.02	.95	5,818	29,026	114,926	.888	.785	.001	.01	-.02	-.19				
i. SEevents	280	2.36	2.33	2.35	2.41	.058	.013	.006	.003	.97	.96	.99	.96	5,819	29,025	114,923	.704	.863	.304	.02	.01	-.06				
15 a. sbmyself	280	3.13	3.14	3.22	3.20	.039	.009	.004	.002	.66	.65	.69	.69	5,823	285	280	.744	.017	.061	-.02	-.14	-.11				
b. sbvalued	277	2.92	2.94	3.02	2.96	.041	.009	.004	.002	.69	.68	.74	.75	5,819	28,966	114,721	.736	.033	.421	-.02	-.13	-.05				
c. sbcommunity	278	2.89	2.88	2.97	2.96	.043	.010	.005	.002	.71	.72	.77	.77	5,823	28,984	114,830	.939	.066	.102	.00	-.11	-.10				
16 a. tmprephrs	280	14.68	14.26	14.28	14.86	.480	.109	.048	.024	8.02	8.15	8.18	8.17	5,820	28,897	114,461	.408	.419	.707	.05	.05	-.02				
b. tmcocurrhrs	280	4.06	3.95	4.80	5.45	.391	.086	.042	.021	6.54	6.36	7.10	7.05	5,809	285	281	.768	.061	.000	.02	-.10	-.20				
c. tmworkonhrs	280	2.75	1.76	2.16	2.47	.388	.069	.033	.017	6.50	5.16	5.62	5.82	297	283	280	.013	.135	.483	.19	.10	.05				
d. tmworkoffhrs	280	7.14	5.96	9.12	6.57	.612	.128	.073	.031	10.24	9.53	12.31	10.55	304	287	114,346	.061	.001	.367	.12	-.16	.05				
— tmworkhrs	280	9.89	7.70	11.27	9.02	.749	.150	.079	.036	12.53	11.11	13.30	12.06	302	285	113,973	.004	.067	.231	.20	-.10	.07				
e. tmservicehrs	283	2.50	1.80	2.27	2.23	.348	.060	.029	.014	5.86	4.45	4.88	4.70	298	285	282	.048	.506	.430	.16	.05	.06				
f. tmrelaxhrs	279	12.15	11.82	11.68	12.33	.538	.115	.051	.025	8.97	8.53	8.57	8.45	5,797	28,844	114,232	.535	.363	.727	.04	.05	-.02				
g. tmcarehrs	280	3.99	3.30	5.31	3.30	.452	.092	.060	.023	7.57	6.82	10.07	7.82	302	289	113,994	.139	.004	.142	.10	-.13	.09				
h. tmcommutehrs	280	6.27	5.44	3.88	3.90	.435	.087	.036	.018	7.27	6.49	6.16	5.96	302	283	280	.061	.000	.000	.13	.39	.40				
17 reading	281	2.69	2.68	2.74	2.63	.063	.014	.007	.003	1.06	1.07	1.12	1.10	5,780	28,740	113,856	.821	.514	.335	.01	-.04	.06				
— tmreadinghrs	280	6.37	6.30	6.62	6.40	.340	.077	.036	.017	5.69	5.71	6.03	5.74	5,756	28,614	113,380	.844	.487	.927	.01	-.04	-.01				

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics^g

California State Polytechnic University-Pomona

First-Year Students

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	Cal Poly Pomona	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	Comparisons with:			Comparisons with:			Comparisons with:		
														CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp
18 a. pgwrite	278	2.90	2.82	2.88	2.82	.050	.011	.005	.003	.83	.83	.86	.87	5,776	28,735	279	.116	.696	.114	.10	.02	.09
b. pgspeak	278	2.83	2.85	2.76	2.69	.052	.011	.005	.003	.87	.85	.91	.92	5,766	283	279	.685	.188	.008	-.02	.08	.15
c. pgthink	278	3.10	3.04	3.08	3.08	.046	.011	.005	.002	.77	.79	.80	.80	5,766	28,684	113,673	.188	.667	.568	.08	.03	.03
d. pganalyze	278	2.92	2.75	2.69	2.70	.051	.012	.006	.003	.85	.90	.94	.94	308	283	278	.001	.000	.000	.19	.24	.24
e. pgwork	278	2.61	2.49	2.68	2.62	.058	.013	.006	.003	.96	.95	.97	.96	5,758	28,679	113,670	.040	.282	.865	.13	-.06	-.01
f. pgothers	279	2.92	2.86	2.80	2.81	.049	.012	.005	.003	.82	.86	.91	.89	5,763	285	279	.220	.016	.028	.08	.13	.12
g. pgvalues	277	2.73	2.65	2.73	2.71	.056	.012	.006	.003	.93	.90	.94	.93	5,764	28,642	113,553	.157	.985	.758	.09	.00	.02
h. pgdiverse	275	2.89	2.86	2.82	2.82	.055	.012	.006	.003	.92	.90	.93	.92	5,760	28,650	113,620	.637	.258	.231	.03	.07	.07
i. pgprobsolve	277	2.64	2.61	2.67	2.67	.054	.012	.006	.003	.90	.91	.93	.93	5,762	28,673	113,736	.641	.490	.559	.03	-.04	-.04
j. pgcitizen	278	2.66	2.61	2.66	2.65	.054	.012	.006	.003	.90	.93	.95	.94	5,788	28,762	113,978	.326	.954	.761	.06	.00	.02
19 evalexp	276	2.97	3.00	3.11	3.08	.042	.010	.004	.002	.70	.71	.75	.74	5,778	282	277	.477	.002	.008	-.04	-.18	-.15
20 sameinst	280	3.12	3.07	3.19	3.15	.044	.010	.005	.002	.74	.76	.80	.80	5,823	285	281	.250	.170	.529	.07	-.08	-.03
21 returnexp ^l	280	91%	90%	87%	88%	.0168	.0041	.0020	.0010	--	--	--	--	--	--	--	.319	.041	.067	.06	.13	.12

IPEDS: 110529

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics^B

California State Polytechnic University-Pomona

Seniors

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	Cal Poly Pomona	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	Comparisons with:			Comparisons with:			Comparisons with:		
														CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp
1 a. askquest	806	2.86	2.95	3.02	3.05	.032	.007	.004	.002	.90	.89	.91	.88	875	67,747	810	.005	.000	.000	-.10	-.18	-.21
b. CLaskhelp	801	2.68	2.54	2.29	2.39	.032	.007	.004	.002	.90	.92	.99	.97	19,277	824	806	.000	.000	.000	.16	.40	.30
c. CLexplain	803	2.78	2.68	2.49	2.60	.031	.006	.004	.002	.88	.88	.97	.94	19,233	826	807	.001	.000	.000	.12	.30	.19
d. CLstudy	801	2.63	2.41	2.20	2.31	.034	.007	.004	.002	.96	.98	1.03	1.03	19,083	67,048	805	.000	.000	.000	.22	.42	.32
e. CLproject	801	3.16	2.93	2.59	2.75	.029	.007	.004	.002	.81	.89	1.04	.98	886	832	808	.000	.000	.000	.25	.54	.42
f. present	799	2.89	2.69	2.50	2.57	.032	.007	.004	.002	.90	.94	1.00	.97	875	822	804	.000	.000	.000	.21	.39	.33
2 a. RIintegrate	799	2.95	2.94	2.90	2.93	.030	.006	.003	.002	.86	.86	.88	.86	18,840	65,943	251,397	.696	.117	.475	.01	.06	.03
b. RISocietal	795	2.70	2.84	2.81	2.82	.033	.007	.004	.002	.94	.92	.92	.92	862	65,539	798	.000	.001	.001	-.15	-.12	-.13
c. RIDiverse	789	2.55	2.73	2.67	2.68	.035	.007	.004	.002	1.00	.97	.98	.98	856	65,127	248,110	.000	.001	.000	-.18	-.12	-.14
d. Rlownview	785	2.80	2.86	2.87	2.88	.031	.006	.003	.002	.87	.84	.85	.84	851	803	789	.033	.012	.008	-.08	-.09	-.10
e. Rlperspect	777	2.94	3.03	2.99	3.00	.030	.006	.003	.002	.83	.81	.82	.82	843	63,738	781	.004	.083	.056	-.11	-.06	-.07
f. Rlnewview	768	2.97	3.02	2.98	2.99	.029	.006	.003	.002	.80	.80	.81	.80	18,041	62,897	239,465	.140	.874	.603	-.05	-.01	-.02
g. RIconnect	766	3.12	3.20	3.22	3.22	.028	.006	.003	.002	.76	.74	.74	.74	17,889	62,329	237,109	.002	.000	.000	-.11	-.14	-.14
3 a. SFcareer	763	2.41	2.33	2.43	2.43	.036	.008	.004	.002	.99	.99	1.01	1.00	17,852	62,277	236,899	.026	.656	.585	.08	-.02	-.02
b. SFotherwork	761	2.09	1.90	1.90	1.97	.039	.008	.004	.002	1.07	1.01	1.03	1.04	821	777	764	.000	.000	.002	.19	.18	.12
c. SFdiscuss	759	2.18	2.07	2.10	2.15	.036	.007	.004	.002	.99	.97	.99	.98	824	61,500	233,895	.002	.024	.330	.12	.08	.04
d. SFperform	756	2.22	2.14	2.24	2.21	.035	.007	.004	.002	.97	.94	.96	.95	820	61,467	233,924	.023	.551	.690	.09	-.02	.01
4 a. memorize	754	2.76	2.81	2.74	2.75	.031	.007	.004	.002	.85	.87	.89	.90	17,537	774	759	.080	.532	.802	-.07	.02	.01
b. HOapply	750	3.05	3.04	3.07	3.08	.028	.006	.003	.002	.78	.82	.81	.80	17,423	60,739	231,197	.621	.583	.382	.02	-.02	-.03
c. HOanalyze	741	3.04	3.04	3.05	3.05	.030	.006	.003	.002	.81	.83	.82	.82	17,254	60,061	229,011	.777	.680	.564	-.01	-.02	-.02
d. HOevaluate	741	2.97	3.01	3.00	2.98	.031	.007	.003	.002	.84	.85	.84	.86	17,171	59,779	227,876	.286	.368	.835	-.04	-.03	-.01
e. HOform	732	2.98	3.02	3.02	3.01	.031	.006	.003	.002	.83	.82	.81	.82	17,105	59,483	226,684	.141	.194	.292	-.06	-.05	-.04
5 a. ETgoals	734	3.07	3.15	3.15	3.15	.029	.006	.003	.002	.80	.80	.81	.79	16,992	752	225,298	.007	.006	.006	-.10	-.10	-.10
b. ETorganize	731	2.96	3.02	3.05	3.07	.031	.007	.004	.002	.84	.86	.87	.84	16,935	58,932	224,660	.050	.004	.001	-.07	-.11	-.12
c. ETexample	732	3.10	3.08	3.07	3.09	.030	.007	.004	.002	.80	.85	.87	.85	807	753	737	.529	.331	.758	.02	.03	.01
d. ETdraftfb	730	2.88	2.87	2.87	2.85	.034	.007	.004	.002	.91	.94	.96	.96	16,875	749	734	.862	.717	.419	.01	.01	.03
e. ETfeedback	728	2.84	2.80	2.87	2.85	.033	.007	.004	.002	.89	.93	.93	.92	801	58,488	222,811	.333	.290	.749	.04	-.04	-.01
f. etcriteria	728	3.00	3.06	3.10	3.08	.031	.007	.004	.002	.84	.85	.85	.84	16,762	746	221,798	.064	.001	.010	-.07	-.12	-.10
g. etreview	726	3.03	3.08	3.07	3.07	.029	.006	.003	.002	.79	.81	.84	.82	796	746	730	.120	.233	.205	-.06	-.04	-.05
h. etprefer	723	2.78	2.76	2.80	2.79	.032	.007	.004	.002	.85	.90	.91	.90	798	743	727	.509	.569	.918	.02	-.02	.00
i. etdemonstrate	724	3.05	3.13	3.14	3.15	.030	.006	.003	.002	.81	.82	.83	.81	16,683	742	220,524	.005	.002	.001	-.11	-.11	-.12

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics^B

California State Polytechnic University-Pomona

Seniors

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	Cal Poly Pomona	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	Comparisons with:			Comparisons with:			Comparisons with:		
														CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp
6 a. QRconclude	713	2.76	2.68	2.67	2.69	.034	.007	.004	.002	.89	.91	.92	.92	16,479	57,099	217,400	.023	.015	.050	.09	.09	.07
b. QRproblem	712	2.53	2.52	2.51	2.52	.036	.008	.004	.002	.97	.95	.96	.97	16,419	56,865	216,513	.915	.606	.725	.00	.02	.01
c. QRevaluate	710	2.55	2.52	2.46	2.50	.034	.007	.004	.002	.89	.93	.94	.94	16,365	729	714	.543	.012	.211	.02	.09	.04
7 a. wrshortnum	709	7.22	7.66	7.55	7.57	.240	.052	.028	.014	6.38	6.47	6.58	6.66	16,303	56,398	214,897	.079	.191	.172	-.07	-.05	-.05
b. wrmednum	705	4.01	4.08	3.77	3.60	.194	.039	.020	.010	5.14	4.89	4.70	4.64	16,211	719	707	.683	.235	.038	-.02	.05	.09
c. wrlongnum	708	2.68	2.44	2.12	2.04	.186	.036	.017	.009	4.96	4.45	4.10	4.02	760	719	710	.194	.003	.001	.06	.14	.16
— wrpages	703	93.26	91.67	84.18	81.62	4.474	.892	.441	.221	118.63	110.76	103.57	101.81	759	716	706	.728	.044	.010	.01	.09	.11
8 a. DDrace	706	3.14	3.17	2.96	3.02	.033	.007	.004	.002	.87	.89	.96	.93	16,284	727	214,345	.409	.000	.001	-.03	.19	.13
b. DDeconomic	702	3.04	3.05	2.93	3.01	.034	.007	.004	.002	.90	.89	.93	.90	16,232	56,106	213,859	.908	.001	.263	.00	.12	.04
c. DDreligion	703	2.92	2.91	2.83	2.90	.036	.008	.004	.002	.95	.95	.98	.95	16,233	721	213,733	.627	.013	.532	.02	.09	.02
d. DDpolitical	704	2.68	2.73	2.78	2.83	.036	.008	.004	.002	.96	.97	.98	.96	16,228	56,065	213,635	.262	.009	.000	-.04	-.10	-.15
e. ddsexorient	699	2.76	2.87	2.75	2.81	.036	.008	.004	.002	.96	.96	1.00	.98	16,210	55,966	213,350	.004	.701	.162	-.11	.01	-.05
f. ddcountry	703	2.75	2.75	2.56	2.65	.035	.008	.004	.002	.94	.95	1.00	.98	16,245	723	707	.954	.000	.006	.00	.19	.10
9 a. LSreading	699	2.90	3.09	3.10	3.08	.032	.006	.003	.002	.84	.80	.81	.82	16,145	55,788	212,525	.000	.000	.000	-.23	-.24	-.22
b. LSnotes	699	2.84	2.93	2.92	2.89	.033	.007	.004	.002	.88	.89	.92	.93	16,123	55,742	703	.009	.018	.184	-.10	-.09	-.05
c. LSsummary	698	2.80	2.91	2.94	2.91	.034	.007	.004	.002	.89	.87	.88	.88	16,111	714	212,255	.002	.000	.002	-.12	-.15	-.12
10 challenge	692	5.42	5.52	5.59	5.52	.051	.011	.006	.003	1.34	1.33	1.33	1.32	16,009	55,307	210,906	.051	.002	.070	-.08	-.12	-.07
11 a. intern ^l	694	40%	36%	43%	48%	.0186	.0039	.0021	.0011	--	--	--	--	--	--	--	.066	.076	.000	.07	-.07	-.17
b. leader ^l	694	29%	21%	26%	32%	.0172	.0033	.0019	.0010	--	--	--	--	--	--	--	.000	.054	.058	.17	.07	-.07
c. learncom ^l	693	19%	16%	19%	22%	.0148	.0030	.0017	.0009	--	--	--	--	--	--	--	.149	.586	.021	.05	-.02	-.09
d. abroad ^l	693	5%	4%	6%	9%	.0085	.0017	.0010	.0006	--	--	--	--	--	--	--	.267	.831	.003	.04	-.01	-.13
e. research ^l	693	23%	16%	18%	22%	.0160	.0029	.0017	.0009	--	--	--	--	--	--	--	.000	.001	.709	.19	.12	.01
f. capstone ^l	692	47%	39%	44%	46%	.0190	.0040	.0021	.0011	--	--	--	--	--	--	--	.000	.108	.377	.16	.06	.03
12 servcourse	686	1.85	1.83	1.78	1.75	.032	.006	.003	.002	.85	.76	.75	.74	736	699	688	.462	.020	.001	.03	.10	.14
13 a. Qlstudent	685	5.72	5.57	5.60	5.59	.048	.011	.006	.003	1.26	1.40	1.41	1.36	763	707	689	.002	.016	.008	.11	.08	.09
b. Qladvisor	669	5.13	5.14	5.38	5.27	.066	.014	.008	.004	1.70	1.74	1.75	1.76	15,259	686	673	.802	.000	.028	-.01	-.14	-.08
c. Qlfaculty	677	5.32	5.40	5.58	5.53	.056	.012	.006	.003	1.46	1.50	1.44	1.40	15,587	53,744	206,088	.182	.000	.000	-.05	-.18	-.15
d. Qlstaff	574	4.95	5.02	5.15	5.04	.070	.016	.009	.004	1.68	1.76	1.76	1.72	12,608	590	168,573	.358	.007	.212	-.04	-.11	-.05
e. Qladmin	618	4.94	4.97	5.19	5.04	.069	.015	.008	.004	1.70	1.75	1.72	1.72	14,193	49,706	190,857	.726	.001	.179	-.01	-.14	-.05

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics^B

California State Polytechnic University-Pomona

Seniors

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	Cal Poly Pomona					CSU Comparison	Master's L	NSSE Comp	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	Comparisons with:			Comparisons with:			Comparisons with:			
	CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L												NSSE Comp	CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp			
14 a. empstudy	688	3.12	3.12	3.08	3.10	.029	.006	.003	.002	.76	.78	.78	.78	15,773	54,397	207,906	.915	.175	.498	.00	.05	.03				
b. SEacademic	684	2.84	2.87	2.91	2.88	.033	.007	.004	.002	.87	.88	.89	.88	15,748	54,292	207,585	.284	.029	.194	-.04	-.08	-.05				
c. SElearnsup	685	2.73	2.76	2.83	2.81	.036	.008	.004	.002	.93	.99	.97	.95	756	54,228	207,303	.366	.007	.023	-.03	-.10	-.09				
d. SEdiverse	685	2.76	2.74	2.61	2.62	.035	.008	.004	.002	.93	.99	1.01	.99	757	705	689	.526	.000	.000	.02	.15	.14				
e. SEsocial	687	2.76	2.77	2.72	2.78	.035	.008	.004	.002	.92	.94	.97	.93	15,704	705	206,835	.649	.276	.427	-.02	.04	-.03				
f. SEwellness	685	2.75	2.77	2.68	2.69	.035	.008	.004	.002	.91	.96	.98	.96	15,678	704	689	.591	.036	.054	-.02	.08	.07				
g. SEonacad	682	2.27	2.20	2.17	2.12	.039	.008	.004	.002	1.02	1.01	1.02	1.00	15,663	53,957	685	.083	.007	.000	.07	.10	.15				
h. SEactivities	683	2.46	2.47	2.43	2.58	.038	.008	.005	.002	.99	1.00	1.04	1.00	15,649	702	206,128	.777	.386	.003	-.01	.03	-.11				
i. SEevents	685	2.29	2.36	2.27	2.31	.038	.008	.004	.002	.98	.99	1.00	.98	15,659	53,833	206,134	.075	.689	.612	-.07	.02	-.02				
15 a. sbmyself	684	3.20	3.24	3.30	3.27	.026	.006	.003	.002	.69	.72	.72	.73	753	702	688	.160	.000	.012	-.05	-.13	-.09				
b. sbvalued	680	2.85	2.91	2.98	2.92	.031	.007	.004	.002	.82	.83	.84	.85	15,637	53,830	206,136	.083	.000	.047	-.07	-.15	-.08				
c. sbcommunity	685	2.89	2.89	2.95	2.94	.031	.007	.004	.002	.81	.83	.84	.84	15,662	53,909	206,343	.885	.059	.089	-.01	-.07	-.07				
16 a. tmprephrs	681	15.88	15.85	15.36	15.68	.331	.072	.038	.019	8.65	8.76	8.80	8.81	15,591	53,714	205,720	.949	.131	.554	.00	.06	.02				
b. tmcocurrhrs	682	5.79	4.24	4.18	4.96	.298	.057	.030	.016	7.78	6.93	7.02	7.25	731	695	685	.000	.000	.005	.22	.23	.12				
c. tmworkonhrs	681	4.03	2.64	2.69	3.34	.287	.052	.028	.015	7.49	6.31	6.37	6.85	725	693	684	.000	.000	.016	.22	.21	.10				
d. tmworkoffhrs	682	13.42	13.97	15.59	12.99	.478	.105	.060	.029	12.47	12.87	13.74	13.27	748	702	686	.257	.000	.375	-.04	-.16	.03				
— tmworkhrs	678	17.46	16.60	18.26	16.30	.535	.111	.060	.030	13.94	13.54	13.84	13.53	15,533	694	204,808	.108	.138	.027	.06	-.06	.09				
e. tmservicehrs	679	3.28	3.04	2.96	2.94	.242	.048	.025	.012	6.31	5.85	5.65	5.50	732	692	682	.334	.190	.158	.04	.06	.06				
f. tmrelaxhrs	682	11.76	10.84	10.50	11.11	.317	.069	.035	.018	8.28	8.39	8.12	8.20	15,571	53,643	205,328	.006	.000	.042	.11	.15	.08				
g. tmcarehrs	676	5.86	6.72	8.17	6.13	.373	.088	.053	.024	9.70	10.76	12.29	11.05	753	703	681	.025	.000	.466	-.08	-.19	-.02				
h. tmcommutehrs	685	7.43	6.24	4.46	4.52	.254	.053	.027	.013	6.64	6.49	6.10	5.82	15,599	699	687	.000	.000	.000	.18	.48	.50				
17 reading	677	2.61	2.92	2.87	2.76	.045	.010	.005	.003	1.18	1.16	1.17	1.17	737	53,437	204,652	.000	.000	.001	-.26	-.22	-.13				
— tmreadinghrs	673	6.84	7.90	7.56	7.24	.238	.055	.029	.014	6.18	6.69	6.62	6.42	745	691	203,904	.000	.003	.111	-.16	-.11	-.06				

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics^g

California State Polytechnic University-Pomona

Seniors

Variable Name	N					Mean					Standard error ^h					Standard deviation ⁱ					Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	Cal Poly Pomona					CSU Comparison					Master's L					NSSE Comp					Comparisons with:			Comparisons with:			Comparisons with:		
	Cal Poly Pomona	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	Cal Poly Pomona	CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp	CSU Comparison	Master's L	NSSE Comp				
18 a. pgwrite	677	2.98	3.06	3.06	3.04	.034	.007	.004	.002	.88	.85	.87	.88	15,567	53,554	204,986	.017	.018	.084	-.09	-.09	-.07							
b. pgspeak	678	3.04	2.95	2.93	2.93	.032	.007	.004	.002	.83	.90	.93	.93	751	699	683	.009	.001	.001	.10	.11	.12							
c. pgthink	675	3.28	3.26	3.28	3.30	.028	.006	.003	.002	.73	.79	.80	.79	748	695	680	.529	.916	.548	.02	.00	-.02							
d. pganalyze	675	3.05	2.93	2.90	2.92	.034	.008	.004	.002	.89	.94	.96	.96	744	694	679	.001	.000	.000	.13	.16	.13							
e. pgwork	677	3.00	2.85	2.98	2.96	.035	.008	.004	.002	.91	.96	.95	.95	746	695	681	.000	.655	.220	.15	.02	.05							
f. pgothers	674	3.20	3.07	3.01	3.04	.030	.007	.004	.002	.77	.87	.92	.89	753	698	679	.000	.000	.000	.15	.21	.18							
g. pgvalues	676	2.91	2.88	2.87	2.86	.035	.008	.004	.002	.90	.95	.98	.98	744	695	680	.327	.229	.145	.04	.04	.05							
h. pgdiverse	675	2.95	3.01	2.90	2.90	.035	.008	.004	.002	.92	.92	.97	.96	15,549	693	679	.101	.131	.137	-.06	.06	.05							
i. pgprobolve	678	2.95	2.85	2.87	2.88	.034	.008	.004	.002	.90	.95	.95	.95	747	696	682	.003	.017	.036	.11	.09	.08							
j. pgcitizen	681	2.76	2.77	2.77	2.75	.038	.008	.004	.002	.99	.97	1.00	.99	15,568	53,562	205,053	.809	.912	.763	-.01	.00	.01							
19 evalexp	683	3.12	3.11	3.19	3.18	.030	.007	.003	.002	.79	.80	.80	.79	15,613	700	205,677	.694	.020	.046	.02	-.09	-.08							
20 sameinst	686	3.17	3.16	3.20	3.17	.031	.007	.004	.002	.82	.83	.86	.85	15,658	705	206,548	.760	.428	.951	.01	-.03	.00							

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Endnotes

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