
NSSE 2020

Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

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NSSE 2020 Frequencies and Statistical Comparisons

About This Report

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

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

Note: Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: go.iu.edu/NSSE-weights
- Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (* $p < .05$, ** $p < .01$, *** $p < .001$). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are items 11 a-f which are compared using a z -test.

Seniors ← 1

NSSE
national survey of
student engagement

NSSE Frequencies and Statistical Comparisons
NSSEville State University

Item wording or description	Variable name ^c	Values ^a	Response options	Frequency Distributions ^a				Statistical Comparisons ^b			
				NSSEville State	Admissions Overlap	Carnegie UG Program	NSSE Cohort	NSSEville State	Admissions Overlap	Carnegie UG Program	NSSE Cohort
				Count	%	Count	%	Count	%	Count	%
6. During the current school year, about how often have you done the following?											
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	3	0	244	2	54	2	6,952	3
		2	Sometimes	155	20	4,397	27	845	29	75,222	33
		3	Often	412	33	5,947	37	1,086	38	81,724	35
		4	Very often	280	46	5,440	34	889	31	66,983	29
			Total	630	100	16,028	100	2,874	100	230,881	100
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16
		2	Sometimes	267	42	5,959	37	978	34	79,495	34
		3	Often	164	26	4,548	29	833	29	77,348	29
		4	Very often	113	19	2,072	20	62	21	47,208	21
			Total	626	100	14,948	100	2,858	100	229,541	100
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6
		2	Sometimes	56	9	1,666	11	262	10	28,134	13
		3	Often	384	63	9,147	57	1,586	57	128,802	56
		4	Very often	150	24	4,267	27	851	29	58,873	26
			Total	615	100	15,858	100	2,833	100	228,352	100

Mean: 3.3, 2.5, 3.1

Effect size: .27, .04, .02

Mean difference: 3.0, 2.6, 3.0

Effect size: .35, -.09, -.04

- Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. A positive effect size indicates that your institution's mean was greater than that of the comparison group, thus showing a favorable result for your institution. A negative effect size indicates your institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention. Effect sizes for independent t -tests use Cohen's d ; z -tests use Cohen's h . Cohen's d is calculated by dividing the mean difference by the pooled standard deviation. Cohen's h is calculated by taking the difference in the proportion of students who responded "Done or in progress" after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences* (2nd edition). New York: Psychology Press.
- Key to symbols:**
 - ▲ Your students' average was significantly higher ($p < .05$) with an effect size at least .3 in magnitude.
 - △ Your students' average was significantly higher ($p < .05$) with an effect size less than .3 in magnitude.
 - ▽ Your students' average was significantly lower ($p < .05$) with an effect size less than .3 in magnitude.
 - ▼ Your students' average was significantly lower ($p < .05$) with an effect size at least .3 in magnitude.

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

NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona	Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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
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	36	6	1,922	5	376	5	9,182	4	2.5	2.7 *** ▽	-.26	2.6 ** ▽	-.13	2.8 *** ▼	-.33
		2	Sometimes	351	51	15,582	38	3,843	45	94,112	37							
		3	Often	213	30	13,840	34	2,966	33	90,044	35							
		4	Very often	94	13	8,893	22	1,427	17	62,361	24							
		Total	694	100	40,237	100	8,612	100	255,699	100								
b. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	38	6	1,811	5	413	5	12,180	5	3.0	3.1 *** ▽	-.15	3.0	-.04	3.1	-.07
		2	Often	89	13	4,114	10	1,050	12	29,232	12							
		3	Sometimes	380	55	21,007	52	4,873	56	140,258	55							
		4	Never	187	26	13,147	33	2,261	27	73,121	29							
		Total	694	100	40,079	100	8,597	100	254,791	100								
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	446	64	18,547	48	4,120	49	104,846	43	1.5	1.8 *** ▼	-.31	1.7 *** ▽	-.27	1.8 *** ▼	-.39
		2	Sometimes	184	26	14,144	35	3,080	35	94,260	36							
		3	Often	38	6	4,723	12	973	11	35,354	13							
		4	Very often	26	4	2,541	6	402	4	19,760	7							
		Total	694	100	39,955	100	8,575	100	254,220	100								
d. Asked another student to help you understand course material	CLaskhelp	1	Never	49	8	5,195	14	517	7	23,258	11	2.7	2.5 *** △	.22	2.7	.02	2.6 * △	.09
		2	Sometimes	260	37	15,012	38	3,176	38	92,969	37							
		3	Often	244	36	13,463	33	3,255	37	90,533	34							
		4	Very often	140	20	6,228	15	1,617	18	47,083	18							
		Total	693	100	39,898	100	8,565	100	253,843	100								
e. Explained course material to one or more students	CLexplain	1	Never	47	7	4,111	11	388	5	15,387	7	2.6	2.6	.04	2.7 * ▽	-.09	2.7 ** ▽	-.11
		2	Sometimes	290	42	14,827	38	3,377	40	90,719	36							
		3	Often	249	36	14,572	36	3,350	38	99,717	38							
		4	Very often	106	15	6,257	15	1,440	17	47,316	19							
		Total	692	100	39,767	100	8,555	100	253,139	100								
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	110	17	7,718	21	1,264	16	37,017	16	2.4	2.4	.05	2.5	-.02	2.5 * ▽	-.08
		2	Sometimes	254	36	13,491	34	3,096	37	85,019	34							
		3	Often	231	34	11,899	29	2,763	31	80,118	31							
		4	Very often	97	14	6,446	16	1,396	16	49,617	19							
		Total	692	100	39,554	100	8,519	100	251,771	100								

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

NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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	
g. Worked with other students on course projects or assignments	CLproject	1	Never	28	4	4,981	13	437	6	21,008	10	2.7	2.6 *** △	.20	2.7	.02	2.6 *** △	.12	
		2	Sometimes	245	35	13,565	35	2,993	36	88,923	36								
		3	Often	297	43	14,003	35	3,432	40	92,823	36								
		4	Very often	120	17	6,731	17	1,608	19	47,489	18								
		Total	690	100	39,280	100	8,470	100	250,243	100									
h. Given a course presentation	present	1	Never	102	15	7,690	20	933	12	47,502	20	2.4	2.3 * △	.09	2.5 *** ▽	-.15	2.3 *** △	.14	
		2	Sometimes	287	42	15,785	40	3,136	38	109,218	43								
		3	Often	216	31	10,977	28	3,041	35	65,035	25								
		4	Very often	86	12	4,778	12	1,357	15	28,131	11								
		Total	691	100	39,230	100	8,467	100	249,886	100									
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	66	10	3,782	10	638	9	20,394	9	2.5	2.5	-.02	2.6	-.06	2.6	-.06	
		2	Sometimes	284	42	15,338	40	3,345	40	96,910	40								
		3	Often	243	35	14,029	36	3,160	37	91,865	37								
		4	Very often	91	13	5,431	14	1,201	14	36,994	15								
		Total	684	100	38,580	100	8,344	100	246,163	100									
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	80	12	3,852	11	795	11	22,604	10	2.5	2.5	-.07	2.6 * ▽	-.08	2.6 * ▽	-.09	
		2	Sometimes	274	40	14,814	39	3,097	38	94,161	39								
		3	Often	237	35	13,582	35	3,070	36	87,901	35								
		4	Very often	93	13	5,982	15	1,328	15	39,565	16								
		Total	684	100	38,230	100	8,290	100	244,231	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	79	12	4,565	13	852	12	25,203	12	2.5	2.5	-.06	2.6 ** ▽	-.11	2.6 ** ▽	-.10	
		2	Sometimes	278	41	14,216	38	2,979	37	90,529	38								
		3	Often	231	34	12,763	33	2,899	34	84,205	34								
		4	Very often	90	13	6,313	16	1,494	17	42,100	17								
		Total	678	100	37,857	100	8,224	100	242,037	100									
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	39	6	1,840	5	354	5	10,861	5	2.7	2.8	-.07	2.8	-.07	2.8 * ▽	-.09	
		2	Sometimes	230	34	12,248	33	2,644	33	76,053	32								
		3	Often	289	44	16,465	44	3,632	44	107,908	44								
		4	Very often	106	16	6,840	18	1,512	18	44,599	19								
		Total	664	100	37,393	100	8,142	100	239,421	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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California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

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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	
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	19	3	1,168	3	197	3	6,277	3	2.9	2.9	-.04	2.9 *	-.10	2.9	-.07	
		2	Sometimes	182	28	9,682	27	1,915	24	61,283	26								
		3	Often	325	49	17,079	46	3,879	48	110,477	46								
		4	Very often	136	20	8,852	24	2,048	25	57,992	25								
		Total	662	100	36,781	100	8,039	100	236,029	100									
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	23	4	1,043	3	178	3	6,250	3	2.9	2.8	.03	2.9	-.02	2.9	.01	
		2	Sometimes	174	26	10,861	30	2,206	29	68,690	30								
		3	Often	329	50	16,490	45	3,738	47	106,207	45								
		4	Very often	132	20	7,721	21	1,803	22	51,521	22								
		Total	658	100	36,115	100	7,925	100	232,668	100									
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	13	2	566	2	104	2	2,987	2	2.9	3.0 ***	-.15	3.0 **	-.12	3.0 ***	-.19	
		2	Sometimes	176	27	7,886	23	1,775	24	47,394	21								
		3	Often	336	52	17,641	49	3,911	50	115,281	50								
		4	Very often	130	20	9,504	26	2,044	25	64,236	28								
		Total	655	100	35,597	100	7,834	100	229,898	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	184	28	6,678	20	1,928	24	41,866	19	2.2	2.3 ***	-.17	2.2	-.04	2.3 ***	-.18	
		2	Sometimes	255	38	14,955	42	3,336	43	98,467	43								
		3	Often	142	22	8,949	25	1,713	22	57,760	25								
		4	Very often	76	11	4,977	13	866	11	31,704	14								
		Total	657	100	35,559	100	7,843	100	229,797	100									
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	338	51	17,402	50	4,345	55	107,319	48	1.8	1.8	.01	1.7 **	.13	1.8	-.02	
		2	Sometimes	172	26	10,653	30	2,124	27	72,621	31								
		3	Often	101	16	4,941	14	931	12	33,101	14								
		4	Very often	45	7	2,383	7	398	5	15,579	7								
		Total	656	100	35,379	100	7,798	100	228,620	100									
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	248	37	11,685	34	3,073	40	69,989	32	2.0	2.0	-.05	1.9	.07	2.0	-.07	
		2	Sometimes	240	37	14,151	40	2,941	38	96,167	42								
		3	Often	122	19	6,461	18	1,239	16	43,020	19								
		4	Very often	44	7	2,699	8	483	6	17,325	8								
		Total	654	100	34,996	100	7,736	100	226,501	100									

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

NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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	
d. Discussed your academic performance with a faculty member	SFperform	1	Never	226	35	8,322	24	2,324	30	54,551	25	2.0	2.2 *** ▽	-.17	2.0	-.03	2.1 *** ▽	-.14	
		2	Sometimes	237	37	15,225	43	3,301	43	102,538	45								
		3	Often	135	21	7,952	23	1,520	19	49,369	22								
		4	Very often	53	8	3,495	10	587	8	19,899	9								
		Total	651	100	34,994	100	7,732	100	226,357	100									
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	25	4	1,162	4	233	3	8,007	4	2.9			2.9	.00	2.9	-.03	
		2	Some	183	28	9,075	27	1,915	26	57,793	26								
		3	Quite a bit	279	43	16,031	46	3,630	47	102,763	46								
		4	Very much	159	25	8,429	24	1,890	24	56,296	25								
		Total	646	100	34,697	100	7,668	100	224,859	100									
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	32	5	1,272	4	341	5	7,522	4	2.8	2.9 ** ▽	-.12	2.8	-.02	2.9 *** ▽	-.18	
		2	Some	203	31	9,414	28	2,255	30	56,902	26								
		3	Quite a bit	287	45	16,028	46	3,488	45	104,966	46								
		4	Very much	119	19	7,756	22	1,542	20	54,178	24								
		Total	641	100	34,470	100	7,626	100	223,568	100									
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	23	4	1,320	4	304	4	7,754	4	2.8	2.9	-.05	2.9	-.02	2.9 * ▽	-.09	
		2	Some	194	31	9,267	28	2,070	28	58,441	27								
		3	Quite a bit	279	45	15,410	45	3,432	45	99,866	45								
		4	Very much	138	21	8,047	23	1,736	22	55,248	25								
		Total	634	100	34,044	100	7,542	100	221,309	100									
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	27	4	1,158	4	238	4	8,011	4	2.8	2.9 * ▽	-.09	2.9 *	-.09	2.9	-.07	
		2	Some	177	28	8,712	26	1,846	26	57,613	27								
		3	Quite a bit	290	46	15,734	46	3,586	47	100,945	45								
		4	Very much	139	21	8,259	24	1,855	24	53,512	24								
		Total	633	100	33,863	100	7,525	100	220,081	100									
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	33	6	1,169	4	247	4	7,724	4	2.8	2.9 * ▽	-.09	2.9 *	-.09	2.9 *	-.09	
		2	Some	175	28	8,834	27	1,925	27	57,597	27								
		3	Quite a bit	292	46	15,835	47	3,569	47	101,819	46								
		4	Very much	135	21	7,837	23	1,745	22	51,982	23								
		Total	635	100	33,675	100	7,486	100	219,122	100									

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

NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

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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	
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	19	3	711	2	144	2	4,380	2	2.9	3.1 *** ▽	-.21	3.1 *** ▽	-.20	3.1 *** ▽	-.21	
		2	Some	172	27	6,976	21	1,572	22	44,491	21								
		3	Quite a bit	295	47	15,084	45	3,350	45	101,002	46								
		4	Very much	146	23	10,618	32	2,361	31	67,666	31								
		Total	632	100	33,389	100	7,427	100	217,539	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	51	8	1,642	5	375	5	8,524	4	2.8	3.0 *** ▽	-.18	2.9 *** ▽	-.14	3.0 *** ▽	-.22	
		2	Some	164	26	7,482	22	1,801	25	46,862	22								
		3	Quite a bit	269	43	14,586	44	3,128	42	99,541	45								
		4	Very much	140	23	9,547	29	2,096	28	61,952	29								
		Total	624	100	33,257	100	7,400	100	216,879	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	31	5	1,269	4	270	4	7,088	4	2.9	3.0 *** ▽	-.14	3.0 ** ▽	-.14	3.0 *** ▽	-.17	
		2	Some	177	28	7,502	23	1,658	23	47,311	22								
		3	Quite a bit	251	40	13,947	42	3,112	42	94,255	43								
		4	Very much	168	27	10,470	31	2,347	31	67,826	31								
		Total	627	100	33,188	100	7,387	100	216,480	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	45	7	2,127	7	417	6	15,589	8	2.8	2.9	-.08	2.9 * ▽	-.11	2.8	-.02	
		2	Some	196	31	9,314	28	2,032	28	62,977	29								
		3	Quite a bit	229	36	12,456	38	2,795	38	81,455	37								
		4	Very much	157	25	9,186	28	2,125	28	56,054	26								
		Total	627	100	33,083	100	7,369	100	216,075	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	71	11	2,613	8	587	8	18,055	9	2.7	2.8 ** ▽	-.11	2.8	-.07	2.7	-.05	
		2	Some	189	30	9,928	30	2,340	32	68,669	32								
		3	Quite a bit	234	38	12,473	38	2,666	36	81,889	38								
		4	Very much	129	21	8,018	24	1,766	23	46,828	22								
		Total	623	100	33,032	100	7,359	100	215,441	100									

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

NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona	Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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. 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	8	3,502	11	731	10	23,362	10	2.6	2.6	.04	2.5	.06	2.6	.02
		2	Sometimes	238	38	12,455	38	2,885	39	79,675	37							
		3	Often	241	40	11,811	37	2,654	37	78,013	37							
		4	Very often	84	14	4,753	15	1,000	14	31,727	16							
		Total	614	100	32,521	100	7,270	100	212,777	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	114	18	6,093	18	1,324	19	41,700	19	2.4	2.4	.05	2.3	.06	2.3	.08
		2	Sometimes	219	35	13,034	40	2,948	40	85,261	40							
		3	Often	211	35	9,452	30	2,139	30	60,763	29							
		4	Very often	69	12	3,736	12	825	12	23,830	12							
		Total	613	100	32,315	100	7,236	100	211,554	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	108	18	6,044	19	1,256	18	38,460	18	2.4	2.3	.04	2.3	.04	2.3	.03
		2	Sometimes	241	39	13,500	42	3,080	42	88,749	42							
		3	Often	206	35	9,382	30	2,181	30	62,402	30							
		4	Very often	54	9	3,273	10	712	10	21,176	10							
		Total	609	100	32,199	100	7,229	100	210,787	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	0	None	34	6	2,026	6	366	6	12,539	6	6.4	6.2	.03	6.0	.07	6.5	-.02
	(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	106	17	6,708	21	1,498	20	41,194	20							
		4	3-5	233	37	10,922	34	2,656	37	68,086	32							
		8	6-10	138	23	7,188	22	1,628	22	48,218	23							
		13	11-15	58	10	2,885	9	594	8	21,459	10							
		18	16-20	14	2	1,148	4	218	3	8,931	4							
		23	More than 20	27	5	1,233	4	236	4	9,937	5							
		Total	610	100	32,110	100	7,196	100	210,364	100								
b. Between 6 and 10 pages	wrmednum	0	None	196	32	12,126	37	2,833	39	74,459	37	2.9	2.4 **	.16	2.4 **	.14	2.3 ***	.18
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	209	35	11,156	34	2,351	32	77,122	36							
		4	3-5	116	19	5,371	17	1,155	16	37,083	17							
		8	6-10	57	9	2,320	8	595	9	14,427	7							
		13	11-15	16	3	643	2	145	2	4,299	2							
		18	16-20	5	1	187	1	60	1	1,062	1							
		23	More than 20	11	2	192	1	45	1	1,272	1							
		Total	610	100	31,995	100	7,184	100	209,724	100								

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

NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

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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	
c. 11 pages or more	wrlongnum	0	None	452	75	24,819	77	5,661	78	159,381	76	1.5	1.0 ** ▲	.15	1.2 * ▲	.10	1.0 ** ▲	.17	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	74	12	4,303	14	756	11	33,185	15								
		4	3-5	30	5	1,239	4	314	4	7,859	4								
		8	6-10	21	3	787	3	216	3	4,386	2								
		13	11-15	16	3	536	2	146	2	3,204	2								
		18	16-20	5	1	133	0	42	1	720	0								
		23	More than 20	10	2	190	1	49	1	1,140	1								
		Total	608	100	32,007	100	7,184	100	209,875	100									
	Estimated number of assigned pages of student writing.	wrpages										65.0	52.7 ** ▲	.16	54.0 ** ▲	.13	52.4 ** ▲	.17	
	(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 a race or ethnicity other than your own	DDrace	1	Never	38	7	2,015	7	320	5	9,673	5	2.9	3.0	-.05	3.1 *** ▼	-.14	3.0 ** ▼	-.13	
		2	Sometimes	165	27	8,115	26	1,675	24	51,194	24								
		3	Often	198	33	10,090	32	2,377	33	67,611	32								
		4	Very often	206	33	11,717	36	2,807	38	81,060	39								
			Total	607	100	31,937	100	7,179	100	209,538	100								
b. People from an economic background other than your own	DDeconomic	1	Never	34	6	2,038	7	420	6	9,150	5	2.9	2.9	-.06	2.9	-.06	3.0 *** ▼	-.16	
		2	Sometimes	176	29	8,085	26	1,872	27	48,856	24								
		3	Often	220	36	11,160	35	2,521	35	76,355	36								
		4	Very often	175	29	10,529	33	2,332	32	74,667	36								
			Total	605	100	31,812	100	7,145	100	209,028	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	60	10	2,800	9	670	10	14,125	7	2.7	2.8 ** ▼	-.12	2.8	-.08	2.9 *** ▼	-.21	
		2	Sometimes	193	32	8,922	28	2,044	29	56,196	27								
		3	Often	192	32	10,108	32	2,288	32	67,704	32								
		4	Very often	157	26	9,999	31	2,159	30	71,055	34								
			Total	602	100	31,829	100	7,161	100	209,080	100								
d. People with political views other than your own	DDpolitical	1	Never	68	11	3,008	10	848	12	14,545	7	2.6	2.8 *** ▼	-.18	2.7	-.02	2.9 *** ▼	-.27	
		2	Sometimes	212	35	9,413	29	2,513	35	60,609	29								
		3	Often	192	33	10,022	32	2,074	29	67,927	32								
		4	Very often	131	21	9,407	30	1,733	25	66,079	32								
			Total	603	100	31,850	100	7,168	100	209,160	100								

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NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

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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	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	17	3	648	2	129	2	3,872	2	2.9	3.0 *** ▽	-0.17	2.9 *	-0.11	3.0 *** ▽	-0.17	
		2	Sometimes	166	27	7,161	23	1,753	25	46,650	23								
		3	Often	297	49	15,075	48	3,487	49	99,420	47								
		4	Very often	123	20	8,712	27	1,750	24	57,850	27								
		Total	603	100	31,596	100	7,119	100	207,792	100									
b. Reviewed your notes after class	LSnotes	1	Never	23	5	1,286	4	260	4	9,055	5	2.8	2.9 * ▽	-0.10	2.9	-0.05	2.9	-0.07	
		2	Sometimes	184	31	8,565	28	2,049	31	59,724	29								
		3	Often	238	39	11,700	37	2,668	37	75,375	36								
		4	Very often	155	25	9,988	30	2,131	28	63,420	30								
		Total	600	100	31,539	100	7,108	100	207,574	100									
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	43	8	1,713	6	436	7	11,524	6	2.7	2.8 *** ▽	-0.17	2.8	-0.07	2.8 *** ▽	-0.15	
		2	Sometimes	204	34	9,295	30	2,332	33	63,092	31								
		3	Often	235	39	12,149	38	2,638	37	80,547	39								
		4	Very often	119	19	8,376	26	1,696	23	52,428	25								
		Total	601	100	31,533	100	7,102	100	207,591	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	12	2	214	1	36	1	1,593	1	5.2	5.4 *** ▽	-0.19	5.3 *	-0.11	5.4 *** ▽	-0.21	
		2		4	1	362	1	86	1	2,117	1								
		3		33	6	1,410	5	344	5	8,850	5								
		4		99	16	3,870	13	1,011	15	24,120	12								
		5		216	37	10,639	34	2,609	36	69,749	33								
		6		122	21	7,583	24	1,580	22	53,166	25								
		7	Very much	106	17	7,255	23	1,401	19	46,761	23								
		Total	592	100	31,333	100	7,067	100	206,356	100									
11. Which of the following have you done 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	Have not decided	95	16	4,843	16	1,295	20	26,540	14	5%	6%	-0.07	6%	-0.04	7% *	-0.11 ▽		
		Do not plan to do	35	6	2,033	7	381	6	10,770	6									
		Plan to do	432	73	22,346	70	4,980	69	153,728	73									
		Done or in progress	29	5	1,992	6	378	6	14,784	7									
		Total	591	100	31,214	100	7,034	100	205,822	100									
(Means indicate the percentage who responded "Done or in progress.")																			

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California State Polytechnic University-Pomona

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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	
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	187	32	9,601	31	2,474	35	57,157	28	7%	8%	-.06	6%	.05	10% **	▽	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	144	25	8,311	28	1,992	30	47,515	24									
	Plan to do	218	36	10,666	33	2,183	29	79,290	38										
	Done or in progress	40	7	2,574	8	375	6	21,318	10										
	Total	589	100	31,152	100	7,024	100	205,280	100										
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom		Have not decided	207	35	11,047	35	2,719	38	68,282	33	8%	10%	-.06	9%	-.01	13% **	▽	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	107	18	7,993	27	1,467	23	54,581	27									
	Plan to do	222	38	8,795	28	2,236	30	56,071	27										
	Done or in progress	46	8	3,179	10	574	9	25,652	13										
	Total	582	100	31,014	100	6,996	100	204,586	100										
d. Participate in a study abroad program	abroad		Have not decided	192	33	9,160	30	2,356	34	57,019	28	3%	2%	.04	2%	.07	3%	.01	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	172	31	9,782	33	1,926	29	55,610	29									
	Plan to do	203	33	11,344	35	2,609	35	86,353	40										
	Done or in progress	17	3	727	2	105	2	5,623	3										
	Total	584	100	31,013	100	6,996	100	204,605	100										
e. Work with a faculty member on a research project	research		Have not decided	238	40	12,617	41	3,085	45	77,754	38	3%	4%	-.05	3%	.00	5%	-.09	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	131	23	8,051	26	1,820	26	47,935	24									
	Plan to do	195	34	9,085	29	1,876	26	69,564	33										
	Done or in progress	18	3	1,259	4	211	3	9,303	5										
	Total	582	100	31,012	100	6,992	100	204,556	100										
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	198	34	11,301	37	3,005	42	67,377	34	4%	2% ***	.13	2% ***	.14	2% ***	.12	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	63	11	3,645	12	771	12	21,869	12									
	Plan to do	302	51	15,508	49	3,126	44	111,375	53										
	Done or in progress	23	4	546	2	101	2	3,761	2										
	Total	586	100	31,000	100	7,003	100	204,382	100										

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

servcourse	1	None	244	43	14,128	46	3,014	43	95,911	48	1.7 △	1.7 ** △	.12	1.7	.05	1.6 *** △	.16
	2	Some	250	43	13,603	44	3,121	45	88,568	43							
	3	Most	74	12	2,556	8	693	10	15,550	8							
	4	All	14	2	535	2	128	2	3,433	2							
	Total		582	100	30,822	100	6,956	100	203,462	100							

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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	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	Q1student	1	Poor	18	3	541	2	94	2	2,863	2	5.2	5.4 ***	-.14	5.4 **	-.12	5.4 ***	-.18	
		2	14	2	621	2	151	2	3,748	2									
		3	34	6	1,467	5	367	5	9,185	5									
		4	90	15	3,621	12	918	14	23,531	12									
		5	160	28	7,847	25	1,854	26	54,234	27									
		6	137	23	7,725	25	1,791	26	55,019	26									
		7	Excellent	122	21	7,599	25	1,714	24	51,723	25								
		—	Not applicable	8	1	1,361	5	60	1	2,935	2								
	Total	583	100	30,782	100	6,949	100	203,238	100										
b. Academic advisors	Q1advisor	1	Poor	29	5	795	3	215	3	5,131	3	4.9	5.4 ***	-.30	5.2 ***	-.19	5.4 ***	-.30	
		2	30	5	1,080	4	273	4	7,164	4									
		3	55	9	1,978	6	542	8	13,137	6									
		4	83	14	3,752	12	912	12	25,253	12									
		5	139	24	6,081	20	1,502	22	41,143	20									
		6	111	20	6,475	21	1,487	22	44,321	22									
		7	Excellent	101	18	9,881	32	1,694	25	62,669	31								
		—	Not applicable	35	6	694	2	311	4	4,160	2								
	Total	583	100	30,736	100	6,936	100	202,978	100										
c. Faculty	Q1faculty	1	Poor	25	4	536	2	206	3	2,733	2	4.9	5.4 ***	-.35	5.1 ***	-.15	5.4 ***	-.36	
		2	28	5	719	2	258	4	4,310	2									
		3	36	6	1,591	5	506	7	9,944	5									
		4	96	16	3,758	12	981	14	25,167	12									
		5	175	30	7,516	24	1,759	25	52,223	26									
		6	123	21	8,153	26	1,658	25	57,761	28									
		7	Excellent	83	15	8,010	26	1,399	20	48,593	24								
		—	Not applicable	16	3	431	1	161	2	2,169	1								
	Total	582	100	30,714	100	6,928	100	202,900	100										

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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	
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	32	5	1,033	4	336	5	5,901	3	4.9	5.2 *** ▽	-.22	5.0	-.09	5.2 *** ▽	-.21	
		2		24	4	1,040	3	294	4	6,609	3								
		3		49	8	1,787	6	453	6	12,581	6								
		4		81	14	3,631	12	873	12	26,298	13								
		5		128	22	6,191	20	1,323	19	44,213	21								
		6		108	19	6,278	20	1,322	20	44,110	21								
		7	Excellent	93	16	7,120	23	1,310	19	44,568	22								
		—	Not applicable	66	12	3,634	13	1,024	15	18,595	10								
	Total	581	100	30,714	100	6,935	100	202,875	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	35	6	1,017	3	279	4	6,106	3	4.8	5.2 *** ▽	-.24	5.0 ** ▽	-.13	5.2 *** ▽	-.22	
		2		33	5	1,141	4	339	5	7,491	4								
		3		38	6	2,073	7	533	7	13,618	7								
		4		94	16	3,940	13	963	13	27,986	14								
		5		139	24	6,495	21	1,440	21	44,864	22								
		6		106	19	6,461	21	1,407	21	43,799	21								
		7	Excellent	90	16	7,343	24	1,338	20	44,469	22								
		—	Not applicable	48	9	2,270	7	639	9	14,601	8								
	Total	583	100	30,740	100	6,938	100	202,934	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	15	3	512	2	115	2	3,033	2	3.0	3.1	-.07	3.1	-.06	3.1 * ▽	-.10	
		2	Some	128	22	5,985	20	1,432	21	37,229	19								
		3	Quite a bit	268	46	14,694	48	3,303	48	97,261	48								
		4	Very much	167	29	9,375	30	2,052	30	64,563	31								
		Total	578	100	30,566	100	6,902	100	202,086	100									
b. Providing support to help students succeed academically	SEacademic	1	Very little	26	5	1,123	4	223	4	6,526	4	2.9	3.0 *** ▽	-.22	3.0 *** ▽	-.17	3.0 *** ▽	-.22	
		2	Some	161	28	6,261	21	1,595	23	41,099	21								
		3	Quite a bit	252	43	12,547	41	2,938	43	86,319	42								
		4	Very much	137	24	10,559	34	2,134	30	67,589	33								
		Total	576	100	30,490	100	6,890	100	201,533	100									
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	50	9	1,692	6	449	7	10,166	5	2.9	3.1 *** ▽	-.25	3.0 *** ▽	-.17	3.1 *** ▽	-.24	
		2	Some	125	22	5,215	17	1,337	19	35,073	18								
		3	Quite a bit	239	42	11,059	36	2,513	37	76,238	38								
		4	Very much	166	28	12,512	40	2,580	37	79,944	39								
		Total	580	100	30,478	100	6,879	100	201,421	100									

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

NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	55	10	3,297	11	588	9	20,676	11	2.7	2.8	-.01	2.8 *	-.10	2.8	-.02	
		2	Some	163	28	8,460	28	1,811	27	56,591	28								
		3	Quite a bit	230	39	10,609	35	2,541	37	71,260	35								
		4	Very much	129	22	8,042	26	1,926	28	52,631	26								
		Total	577	100	30,408	100	6,866	100	201,158	100									
e. Providing opportunities to be involved socially	SEsocial	1	Very little	45	8	2,129	8	476	7	10,897	6	2.8	2.9 **	-.13	2.9 **	-.12	3.0 ***	-.19	
		2	Some	156	27	7,239	24	1,802	26	45,379	23								
		3	Quite a bit	245	43	11,661	38	2,573	38	81,191	40								
		4	Very much	130	22	9,316	30	1,998	29	63,318	31								
		Total	576	100	30,345	100	6,849	100	200,785	100									
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	58	10	2,059	7	464	8	13,219	7	2.8	2.9 **	-.13	2.9 ***	-.16	2.9 **	-.13	
		2	Some	138	24	7,141	24	1,566	23	47,185	24								
		3	Quite a bit	246	43	11,508	38	2,559	37	78,983	39								
		4	Very much	133	23	9,596	31	2,251	32	61,123	30								
		Total	575	100	30,304	100	6,840	100	200,510	100									
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	117	20	5,924	20	1,228	18	42,443	22	2.4	2.4	-.01	2.5	-.07	2.3	.06	
		2	Some	191	33	10,528	35	2,337	34	73,499	36								
		3	Quite a bit	183	32	8,785	29	2,080	31	55,611	27								
		4	Very much	83	14	5,045	16	1,200	18	28,847	14								
		Total	574	100	30,282	100	6,845	100	200,400	100									
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	100	17	4,324	15	1,085	16	18,495	10	2.5	2.7 ***	-.14	2.6	-.08	2.8 ***	-.29	
		2	Some	181	32	8,067	27	2,080	30	51,402	26								
		3	Quite a bit	191	34	10,370	34	2,207	33	76,560	38								
		4	Very much	102	18	7,465	24	1,468	21	53,710	26								
		Total	574	100	30,226	100	6,840	100	200,167	100									
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	136	24	5,996	21	1,390	20	32,354	17	2.3	2.4 *	-.09	2.4 *	-.10	2.5 **	-.14	
		2	Some	187	32	10,097	33	2,307	33	70,430	35								
		3	Quite a bit	171	30	8,978	30	2,001	30	63,526	31								
		4	Very much	78	14	5,148	17	1,135	17	33,844	16								
		Total	572	100	30,219	100	6,833	100	200,154	100									

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

NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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	
15. To what extent do you agree or disagree with the following statements?																			
a. I feel comfortable being myself at this institution.	SBmyself (Comparison data are limited to NSSE 2020.)	1	Strongly disagree	12	2	585	2	106	2	2,353	2	3.1	3.3 *** ▽	-.19	3.2 * ▽	-.11	3.3 *** ▽	-.20	
		2	Disagree	56	9	2,291	8	536	8	9,455	8								
		3	Agree	355	61	15,950	53	4,014	59	63,163	52								
		4	Strongly agree	151	27	11,402	38	2,173	31	46,089	38								
		Total	574	100	30,228	100	6,829	100	121,060	100									
b. I feel valued by this institution.	SBvalued (Comparison data are limited to NSSE 2020.)	1	Strongly disagree	28	6	898	3	161	3	3,970	4	2.8	3.0 *** ▽	-.29	3.0 *** ▽	-.23	3.0 *** ▽	-.25	
		2	Disagree	117	20	4,391	15	1,078	16	19,337	16								
		3	Agree	349	60	17,217	57	4,271	63	67,793	55								
		4	Strongly agree	81	14	7,698	25	1,313	19	29,823	24								
		Total	575	100	30,204	100	6,823	100	120,923	100									
c. I feel like part of the community at this institution.	SBcommunity (Comparison data are limited to NSSE 2020.)	1	Strongly disagree	28	5	1,101	4	230	4	4,352	4	2.8	3.0 *** ▽	-.24	2.9 *** ▽	-.15	3.0 *** ▽	-.25	
		2	Disagree	119	21	5,100	17	1,332	19	20,033	17								
		3	Agree	351	60	16,061	53	3,892	57	64,186	53								
		4	Strongly agree	80	14	7,976	26	1,375	20	32,488	27								
		Total	578	100	30,238	100	6,829	100	121,059	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 (Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	3	1	125	1	37	1	756	0	13.7	13.5	.03	12.8 ** △	.12	14.4 * ▽	-.09	
		3	1-5 hrs	95	16	4,423	15	1,196	18	24,231	13								
		8	6-10 hrs	132	23	7,507	25	1,821	27	44,978	23								
		13	11-15 hrs	126	23	6,912	23	1,587	23	45,443	23								
		18	16-20 hrs	111	19	5,653	18	1,101	16	39,444	19								
		23	21-25 hrs	60	11	3,027	10	594	8	23,028	11								
		28	26-30 hrs	24	4	1,271	4	218	3	10,877	5								
		33	More than 30 hrs	26	4	1,216	4	264	4	10,580	5								
		Total	577	100	30,134	100	6,818	100	199,337	100									
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs (Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	264	46	12,322	42	3,631	53	63,631	34	4.7	4.9	-.04	3.7 *** △	.17	5.6 ** ▽	-.13	
		3	1-5 hrs	139	24	8,676	28	1,645	24	65,022	31								
		8	6-10 hrs	91	16	4,028	13	703	11	31,671	16								
		13	11-15 hrs	31	6	2,327	8	390	6	18,129	9								
		18	16-20 hrs	27	5	1,439	5	259	4	10,592	5								
		23	21-25 hrs	13	2	674	2	109	1	5,202	3								
		28	26-30 hrs	2	0	225	1	24	0	1,892	1								
		33	More than 30 hrs	7	1	357	1	38	1	2,660	1								
		Total	574	100	30,048	100	6,799	100	198,799	100									

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

NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		
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	Mean	Effect size ^e
c. Working for pay on campus	tmworkonhrs	0	0 hrs	489	85	24,801	83	6,030	89	154,987	80	2.5	2.0	.09	1.5 ***	.20	2.4	.01		
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	3	0	1,129	4	117	2	8,908	4									
		8	6-10 hrs	18	3	1,573	5	186	3	14,398	6									
		13	11-15 hrs	21	4	1,144	4	191	3	10,019	5									
		18	16-20 hrs	23	4	839	3	185	3	6,551	3									
		23	21-25 hrs	11	2	308	1	55	1	2,278	1									
		28	26-30 hrs	3	0	88	0	10	0	645	0									
		33	More than 30 hrs	6	1	152	1	23	0	1,091	1									
		Total			574	100	30,034	100	6,797	100	198,877									
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	310	53	18,030	60	3,893	60	134,266	66	7.8	7.5	.03	6.6 **	.13	5.9 ***	.19		
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	23	4	1,454	5	340	5	9,413	5									
		8	6-10 hrs	41	7	1,747	6	473	7	10,722	5									
		13	11-15 hrs	56	10	1,876	6	515	7	11,129	6									
		18	16-20 hrs	54	10	2,080	7	624	8	11,551	6									
		23	21-25 hrs	54	10	1,505	5	483	7	8,165	4									
		28	26-30 hrs	14	2	916	3	244	3	4,511	2									
		33	More than 30 hrs	20	3	2,466	9	227	3	9,339	6									
		Total			572	100	30,074	100	6,799	100	199,096									
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)										10.2	9.5	.06	8.1 ***	.19	8.3 ***	.16			
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	360	63	18,188	61	4,440	67	116,657	59	3.3	2.5 **	.15	2.2 ***	.21	2.5 **	.15		
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	118	20	8,098	26	1,498	21	58,785	29									
		8	6-10 hrs	33	6	1,837	6	419	6	11,790	6									
		13	11-15 hrs	25	5	914	3	230	3	5,652	3									
		18	16-20 hrs	13	2	516	2	113	2	3,057	2									
		23	21-25 hrs	15	3	253	1	47	1	1,547	1									
		28	26-30 hrs	5	1	65	0	15	0	516	0									
		33	More than 30 hrs	6	1	174	1	36	1	989	1									
		Total			575	100	30,045	100	6,798	100	198,993									

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NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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	
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	22	4	723	3	186	3	3,722	2	11.9	12.2	-.03	12.0	-.01	12.6	-.08	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	131	22	6,830	22	1,644	23	40,252	20								
	8	6-10 hrs	162	27	8,034	26	1,852	26	53,479	26									
	13	11-15 hrs	107	19	5,986	20	1,321	19	42,307	21									
	18	16-20 hrs	64	11	4,052	14	828	12	28,246	14									
	23	21-25 hrs	44	8	1,820	6	379	6	12,947	7									
	28	26-30 hrs	11	2	764	3	167	3	5,521	3									
	33	More than 30 hrs	35	7	1,852	7	428	7	12,491	7									
	Total	576	100	30,061	100	6,805	100	198,965	100										
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	334	59	20,371	67	4,058	61	152,567	75	4.1	4.3	-.02	3.8	.05	3.1 ***	.14	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	100	17	3,706	12	1,218	17	19,435	10								
	8	6-10 hrs	56	9	1,753	6	602	9	8,368	5									
	13	11-15 hrs	38	7	1,215	4	398	6	5,834	3									
	18	16-20 hrs	14	2	747	3	220	3	3,543	2									
	23	21-25 hrs	17	3	393	1	100	2	2,003	1									
	28	26-30 hrs	2	0	204	1	52	1	847	1									
	33	More than 30 hrs	13	2	1,613	6	142	2	6,045	4									
	Total	574	100	30,002	100	6,790	100	198,642	100										
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	101	17	12,691	42	1,116	16	89,810	43	7.2	4.5 ***	.39	6.8	.05	4.1 ***	.48	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	219	38	9,610	32	2,841	42	66,161	34								
	8	6-10 hrs	141	25	3,970	13	1,482	22	22,482	12									
	13	11-15 hrs	48	9	1,751	6	667	10	9,613	5									
	18	16-20 hrs	28	5	867	3	310	4	4,546	2									
	23	21-25 hrs	10	2	396	1	121	2	2,369	1									
	28	26-30 hrs	6	1	170	1	57	1	984	1									
	33	More than 30 hrs	23	4	611	2	207	3	3,052	2									
	Total	576	100	30,066	100	6,801	100	199,017	100										

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NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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	
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	54	10	2,813	9	570	8	22,738	12	2.7	2.8	-.08	2.8 *	-.10	2.7	.03	
		2	Some	204	37	9,767	33	2,185	33	67,730	35								
		3	About half	173	29	8,973	30	2,120	31	57,672	29								
		4	Most	110	19	6,138	20	1,445	21	37,198	18								
		5	Almost all	36	6	2,324	8	472	7	13,312	6								
		Total		577	100	30,015	100	6,792	100	198,650	100								
tmreadinghrs																			
(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)												6.1							
	tmreadinghrscol	1	0 hrs	3	1	121	1	36	1	733	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	316	55	15,321	52	3,658	54	99,713	52								
		3	More than 5, up to 10 hrs	157	27	8,656	29	1,943	29	58,321	29								
		4	More than 10, up to 15 hrs	57	10	3,047	10	587	8	20,319	10								
		5	More than 15, up to 20 hrs	23	4	1,493	5	304	4	10,128	5								
		6	More than 20, up to 25 hrs	12	2	910	3	174	2	6,204	3								
		7	More than 25 hrs	7	1	366	1	75	1	2,428	1								
		Total		575	100	29,914	100	6,777	100	197,846	100								
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	18	3	1,642	6	293	5	13,501	7	2.9	2.9	-.01	2.9	-.03	2.8	.07	
		2	Some	160	28	7,797	26	1,656	25	55,338	28								
		3	Quite a bit	278	48	13,231	44	3,292	49	84,830	42								
		4	Very much	120	20	7,222	24	1,530	22	44,108	22								
		Total		576	100	29,892	100	6,771	100	197,777	100								

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

NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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	
b. Speaking clearly and effectively	pgspeak	1	Very little	31	6	2,334	8	269	4	20,443	11	2.8	2.8	-.03	2.9 ***	-.20	2.7 *	.09	
		2	Some	170	29	8,310	28	1,554	24	61,433	31								
		3	Quite a bit	265	47	12,189	40	3,125	46	75,342	38								
		4	Very much	108	18	7,011	23	1,820	26	40,527	21								
		Total	574	100	29,844	100	6,768	100	197,745	100									
c. Thinking critically and analytically	pgthink	1	Very little	10	2	838	3	148	3	5,720	3	3.0	3.1	-.07	3.1 *	-.10	3.1	-.06	
		2	Some	118	21	5,517	19	1,179	18	37,224	19								
		3	Quite a bit	280	49	13,517	45	3,202	47	89,302	44								
		4	Very much	163	28	10,007	33	2,235	33	65,562	33								
		Total	571	100	29,879	100	6,764	100	197,808	100									
d. Analyzing numerical and statistical information	pganalyze	1	Very little	33	6	3,334	11	579	9	24,737	12	2.8	2.7 ***	.14	2.7 *	.10	2.7 ***	.16	
		2	Some	159	27	9,108	30	2,008	30	61,047	30								
		3	Quite a bit	254	44	10,921	36	2,730	40	70,588	36								
		4	Very much	127	22	6,494	22	1,449	21	41,376	22								
		Total	573	100	29,857	100	6,766	100	197,748	100									
e. Acquiring job- or work- related knowledge and skills	pgwork	1	Very little	76	14	3,756	13	1,101	17	25,047	13	2.5	2.6 **	-.12	2.5	.05	2.6 **	-.11	
		2	Some	199	35	9,458	32	2,335	35	63,296	32								
		3	Quite a bit	206	36	10,318	34	2,237	33	69,105	35								
		4	Very much	90	15	6,319	21	1,086	16	40,350	21								
		Total	571	100	29,851	100	6,759	100	197,798	100									
f. Working effectively with others	pgothers	1	Very little	28	5	1,852	7	339	6	11,914	7	2.9	2.9	.01	2.9	-.05	2.9	.02	
		2	Some	140	26	7,648	26	1,671	24	52,132	27								
		3	Quite a bit	264	45	12,330	41	2,886	43	82,528	41								
		4	Very much	137	24	8,030	27	1,873	27	51,136	26								
		Total	569	100	29,860	100	6,769	100	197,710	100									
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	55	10	2,895	10	630	10	20,245	11	2.7	2.7	-.07	2.7	-.05	2.7	-.05	
		2	Some	163	30	8,299	28	1,898	28	55,891	28								
		3	Quite a bit	253	43	11,560	38	2,784	41	75,517	37								
		4	Very much	101	17	7,087	23	1,451	21	46,001	23								
		Total	572	100	29,841	100	6,763	100	197,654	100									

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

NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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	
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	45	8	2,450	9	424	7	17,040	9	2.8	2.8	-.02	2.9 **	-.12	2.8	.01	
		2	Some	127	23	7,782	26	1,548	23	53,365	27								
		3	Quite a bit	267	46	11,278	37	2,707	40	74,676	37								
		4	Very much	132	22	8,365	28	2,097	30	52,631	27								
		Total	571	100	29,875	100	6,776	100	197,712	100									
i. Solving complex real- world problems	pgprobsolve	1	Very little	54	10	3,230	11	726	12	21,006	11	2.7	2.7	-.02	2.7	.00	2.7	-.01	
		2	Some	189	33	9,339	31	2,144	31	64,250	32								
		3	Quite a bit	221	38	10,939	36	2,526	37	71,774	36								
		4	Very much	107	19	6,372	21	1,377	20	40,742	21								
		Total	571	100	29,880	100	6,773	100	197,772	100									
j. Being an informed and active citizen	pgcitizen	1	Very little	56	11	3,318	11	697	11	22,384	12	2.6	2.7	-.05	2.7	-.06	2.7	-.03	
		2	Some	195	35	9,266	31	2,070	31	62,832	32								
		3	Quite a bit	209	35	10,801	36	2,572	38	70,446	35								
		4	Very much	109	19	6,552	22	1,445	21	42,342	21								
		Total	569	100	29,937	100	6,784	100	198,004	100									
19. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	13	3	550	2	107	2	3,569	2	2.9	3.1 ***	-.29	3.1 ***	-.18	3.2 ***	-.34	
		2	Fair	130	23	4,179	15	1,129	17	25,484	13								
		3	Good	310	54	15,041	50	3,743	54	98,318	49								
		4	Excellent	121	21	10,288	33	1,833	27	71,442	35								
		Total	574	100	30,058	100	6,812	100	198,813	100									
20. If you could start over again, would you go to the <i>same institution</i> you are now attending?																			
	sameinst	1	Definitely no	27	5	1,095	4	210	3	6,899	4	3.0	3.2 ***	-.17	3.1 *	-.09	3.2 ***	-.21	
		2	Probably no	90	15	4,114	14	1,072	16	24,997	13								
		3	Probably yes	288	51	12,863	43	3,300	48	84,367	42								
		4	Definitely yes	172	29	12,155	40	2,262	33	83,367	41								
		Total	577	100	30,227	100	6,844	100	199,630	100									
21. Do you intend to return to this institution next year? ^f																			
	returnexp	No		14	3	1,197	4	172	3	8,025	4	90%	87%	.08	90%	-.01	88%	.05	
(Means indicate the percentage who responded "Yes.")		Yes		515	90	26,650	87	6,228	90	176,840	88								
		Not sure		45	8	2,459	9	461	7	15,131	8								
		Total		574	100	30,306	100	6,861	100	199,996	100								

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

NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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	
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	50	5	1,998	4	535	4	8,218	3	2.8	3.0 *** ▽	-.19	2.9 *** ▽	-.11	3.1 *** ▽	-.29	
		2	Sometimes	385	37	15,502	29	5,139	34	77,653	27								
		3	Often	319	31	16,693	31	4,710	31	93,533	31								
		4	Very often	286	27	19,115	36	4,664	31	116,373	39								
		Total	1,040	100	53,308	100	15,048	100	295,777	100									
b. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	93	9	3,105	6	1,002	6	18,624	6	2.8	3.1 *** ▽	-.35	2.9 *** ▽	-.17	3.0 *** ▽	-.25	
		2	Often	187	18	6,290	11	2,215	15	39,540	14								
		3	Sometimes	570	55	27,259	50	8,508	57	154,618	52								
		4	Never	190	18	16,454	33	3,273	22	81,928	28								
		Total	1,040	100	53,108	100	14,998	100	294,710	100									
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	512	49	28,076	54	7,946	54	139,091	49	1.7	1.7 * △	.06	1.6 * △	.08	1.7	-.05	
		2	Sometimes	372	36	17,207	32	5,002	34	102,417	34								
		3	Often	102	10	4,698	8	1,312	8	32,159	10								
		4	Very often	50	5	3,015	5	712	4	20,556	7								
		Total	1,036	100	52,996	100	14,972	100	294,223	100									
d. Asked another student to help you understand course material	CLaskhelp	1	Never	67	7	9,287	20	1,345	9	44,089	16	2.8	2.3 *** ▲	.47	2.6 *** ▲	.23	2.4 *** ▲	.35	
		2	Sometimes	374	36	22,124	42	6,432	43	118,673	41								
		3	Often	337	33	14,135	25	4,603	30	84,915	28								
		4	Very often	261	25	7,443	13	2,606	17	46,294	15								
		Total	1,039	100	52,989	100	14,986	100	293,971	100									
e. Explained course material to one or more students	CLexplain	1	Never	26	3	5,889	13	526	3	23,740	8	2.9	2.6 *** ▲	.38	2.8 *** ▲	.17	2.7 *** ▲	.25	
		2	Sometimes	317	31	18,744	36	5,431	36	99,542	34								
		3	Often	402	39	18,087	33	5,846	39	107,230	36								
		4	Very often	292	28	10,179	19	3,148	22	63,079	21								
		Total	1,037	100	52,899	100	14,951	100	293,591	100									
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	88	9	11,556	24	1,909	13	56,094	20	2.7	2.3 *** ▲	.39	2.6 *** ▲	.17	2.5 *** ▲	.28	
		2	Sometimes	349	33	17,810	33	5,490	36	96,475	33								
		3	Often	334	32	13,894	25	4,408	30	82,048	27								
		4	Very often	264	26	9,391	17	3,080	21	57,696	19								
		Total	1,035	100	52,651	100	14,887	100	292,313	100									

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

NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona	Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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
g. Worked with other students on course projects or assignments	CLproject	1	Never	15	1	6,942	16	485	3	25,958	9	3.2	2.7 ***	.52	3.0 ***	.20	2.8 ***	.40
		2	Sometimes	189	18	13,890	27	3,637	25	80,773	28							
		3	Often	414	40	17,663	32	5,708	38	103,012	35							
		4	Very often	418	40	13,940	25	5,016	34	81,504	28							
		Total	1,036	100	52,435	100	14,846	100	291,247	100								
h. Given a course presentation	present	1	Never	55	5	7,488	16	1,131	7	34,484	13	3.0	2.6 ***	.41	2.9 ***	.18	2.7 ***	.37
		2	Sometimes	227	23	15,597	30	4,162	28	89,359	32							
		3	Often	370	36	16,093	30	4,964	34	93,638	31							
		4	Very often	379	36	13,218	24	4,588	30	73,497	24							
		Total	1,031	100	52,396	100	14,845	100	290,978	100								
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	35	4	2,358	5	475	3	11,398	4	3.0	2.9 ***	.17	3.0 *	.07	2.9 ***	.13
		2	Sometimes	244	24	14,508	28	3,812	26	78,243	28							
		3	Often	404	40	21,003	40	6,090	41	118,354	41							
		4	Very often	343	33	14,043	27	4,357	29	80,469	27							
		Total	1,026	100	51,912	100	14,734	100	288,464	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	82	8	3,423	7	862	6	19,188	8	2.7	2.8 ***	-.13	2.8 ***	-.18	2.8 ***	-.11
		2	Sometimes	361	36	15,678	31	4,290	30	88,478	32							
		3	Often	360	35	19,251	37	5,463	37	105,820	36							
		4	Very often	217	21	13,305	25	4,058	27	73,750	25							
		Total	1,020	100	51,657	100	14,673	100	287,236	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	151	16	6,117	13	1,572	11	32,329	13	2.5	2.6 ***	-.15	2.7 ***	-.22	2.6 ***	-.14
		2	Sometimes	395	39	17,151	34	4,649	32	96,729	34							
		3	Often	276	26	16,477	32	4,758	32	91,754	31							
		4	Very often	197	19	11,620	22	3,643	24	64,712	22							
		Total	1,019	100	51,365	100	14,622	100	285,524	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	62	6	2,264	5	617	5	12,035	5	2.8	2.8 *	-.08	2.8 *	-.08	2.8 *	-.08
		2	Sometimes	316	31	14,922	29	4,253	29	81,654	29							
		3	Often	409	41	22,051	43	6,250	43	124,137	43							
		4	Very often	222	22	11,748	23	3,394	23	65,788	23							
		Total	1,009	100	50,985	100	14,514	100	283,614	100								

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NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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	
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	40	4	1,423	3	323	2	7,249	3	2.9	3.0	-.05	3.0 ***	-.12	3.0	-.06	
		2	Sometimes	262	26	11,916	24	3,155	23	65,810	24								
		3	Often	411	41	22,695	45	6,450	45	127,360	45								
		4	Very often	288	29	14,392	28	4,438	31	80,372	28								
		Total	1,001	100	50,426	100	14,366	100	280,791	100									
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	23	3	983	2	235	2	5,350	2	3.0	3.0	-.01	3.0	-.06	3.0	-.01	
		2	Sometimes	263	27	12,695	26	3,396	25	70,322	26								
		3	Often	425	42	22,357	44	6,379	45	125,317	45								
		4	Very often	281	28	13,815	27	4,218	29	77,109	27								
		Total	992	100	49,850	100	14,228	100	278,098	100									
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	14	2	457	1	116	1	2,457	1	3.1	3.2 **	-.09	3.2 **	-.09	3.2 *	-.08	
		2	Sometimes	172	18	7,374	15	2,123	15	40,938	15								
		3	Often	451	46	23,335	47	6,629	47	129,600	47								
		4	Very often	349	35	18,246	37	5,260	37	102,884	37								
		Total	986	100	49,412	100	14,128	100	275,879	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	196	20	8,281	17	2,575	18	44,727	18	2.4	2.5 **	-.09	2.4	-.02	2.5 **	-.09	
		2	Sometimes	398	40	19,117	39	5,969	42	105,669	39								
		3	Often	214	21	12,275	24	3,170	23	69,884	24								
		4	Very often	174	18	9,738	19	2,398	17	55,543	19								
		Total	982	100	49,411	100	14,112	100	275,823	100									
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	361	37	22,489	47	6,821	48	112,769	43	2.1	1.9 ***	.22	1.8 ***	.26	2.0 ***	.15	
		2	Sometimes	303	31	13,889	28	3,960	29	83,250	30								
		3	Often	173	18	7,475	15	1,944	14	45,776	16								
		4	Very often	148	15	5,400	11	1,360	10	33,097	12								
		Total	985	100	49,253	100	14,085	100	274,892	100									
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	259	26	14,344	30	4,458	31	72,450	28	2.2	2.1 ***	.11	2.1 ***	.16	2.2 *	.08	
		2	Sometimes	376	39	18,925	38	5,566	40	109,412	40								
		3	Often	214	21	9,979	20	2,533	19	58,926	21								
		4	Very often	130	14	5,607	11	1,425	10	32,210	11								
		Total	979	100	48,855	100	13,982	100	272,998	100									

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

NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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	
d. Discussed your academic performance with a faculty member	SFperform	1	Never	239	24	10,027	21	3,282	23	60,276	23	2.3	2.3	-.05	2.2	.06	2.2	.04	
		2	Sometimes	393	40	20,652	42	6,140	44	118,596	43								
		3	Often	221	23	11,885	25	3,080	22	62,201	22								
		4	Very often	128	13	6,333	13	1,510	11	31,971	11								
		Total	981	100	48,897	100	14,012	100	273,044	100									
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	44	4	3,379	7	732	6	20,800	8	2.9	2.8 ***	.15	2.9	.03	2.8 ***	.15	
		2	Some	262	28	14,587	31	3,722	27	83,365	31								
		3	Quite a bit	413	43	19,660	40	5,869	42	107,291	39								
		4	Very much	255	25	10,980	22	3,613	25	60,128	22								
		Total	974	100	48,606	100	13,936	100	271,584	100									
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	36	4	1,295	3	441	3	7,220	3	3.1	3.1	-.01	3.0	.02	3.1	-.01	
		2	Some	181	18	9,594	20	2,883	21	53,027	20								
		3	Quite a bit	453	47	21,888	45	6,093	44	122,643	45								
		4	Very much	297	31	15,621	32	4,460	32	87,657	32								
		Total	967	100	48,398	100	13,877	100	270,547	100									
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	38	4	1,430	3	396	3	8,298	3	3.0	3.0	-.05	3.1 *	-.07	3.0	-.04	
		2	Some	218	22	10,206	21	2,892	21	57,393	22								
		3	Quite a bit	412	43	21,085	44	5,963	43	117,625	44								
		4	Very much	297	31	15,246	32	4,508	33	85,113	31								
		Total	965	100	47,967	100	13,759	100	268,429	100									
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	62	7	1,812	4	504	4	12,199	5	2.9	3.0 ***	-.12	3.0 ***	-.14	2.9 *	-.07	
		2	Some	232	24	10,593	22	2,976	22	62,282	24								
		3	Quite a bit	410	43	21,138	44	5,990	43	115,562	43								
		4	Very much	256	26	14,201	29	4,237	31	77,271	28								
		Total	960	100	47,744	100	13,707	100	267,314	100									
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	53	5	1,488	3	443	3	9,583	4	2.9	3.0 **	-.10	3.0 **	-.10	3.0	-.06	
		2	Some	228	24	10,751	23	3,073	23	61,374	24								
		3	Quite a bit	429	44	21,586	45	6,047	44	120,176	45								
		4	Very much	253	26	13,758	29	4,092	30	75,295	28								
		Total	963	100	47,583	100	13,655	100	266,428	100									

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NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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	
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	32	4	1,018	2	248	2	5,514	2	3.1	3.2 *** ▽	-.13	3.2 *** ▽	-.15	3.1 *** ▽	-.11	
		2	Some	182	19	7,982	17	2,284	17	45,278	17								
		3	Quite a bit	428	44	20,028	42	5,751	42	115,677	43								
		4	Very much	312	33	18,264	39	5,319	39	98,481	37								
		Total	954	100	47,292	100	13,602	100	264,950	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	45	5	2,085	5	576	4	10,258	4	2.9	3.1 *** ▽	-.15	3.0 *** ▽	-.14	3.1 *** ▽	-.16	
		2	Some	224	24	8,976	19	2,733	20	48,964	19								
		3	Quite a bit	426	45	19,970	42	5,778	43	116,116	43								
		4	Very much	257	27	16,117	34	4,485	33	89,007	34								
		Total	952	100	47,148	100	13,572	100	264,345	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	32	3	1,641	4	379	3	8,634	4	3.1	3.1	-.03	3.1 * ▽	-.07	3.1	-.03	
		2	Some	190	20	8,995	19	2,555	19	49,663	19								
		3	Quite a bit	399	41	18,969	40	5,480	40	108,991	41								
		4	Very much	331	35	17,485	37	5,140	38	96,715	36								
		Total	952	100	47,090	100	13,554	100	264,003	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	90	9	4,036	9	1,030	8	24,775	10	2.7	2.8 *** ▽	-.15	2.9 *** ▽	-.16	2.8 ** ▽	-.08	
		2	Some	298	32	12,486	27	3,688	27	72,981	28								
		3	Quite a bit	352	37	16,523	35	4,867	36	91,586	34								
		4	Very much	203	21	13,965	30	3,945	29	74,257	28								
		Total	943	100	47,010	100	13,530	100	263,599	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	89	9	3,440	8	1,055	8	19,224	8	2.7	2.9 *** ▽	-.19	2.8 *** ▽	-.12	2.8 *** ▽	-.14	
		2	Some	304	33	12,416	26	3,928	29	72,714	28								
		3	Quite a bit	362	38	17,804	38	4,971	37	100,980	38								
		4	Very much	193	21	13,273	29	3,559	26	70,114	26								
		Total	948	100	46,933	100	13,513	100	263,032	100									

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

NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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. 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	65	7	5,075	10	1,493	11	28,158	10	2.8	2.6 ***	.19	2.6 ***	.23	2.7 ***	.17	
		2	Sometimes	282	29	16,318	35	4,805	35	90,006	34								
		3	Often	378	41	16,607	36	4,817	36	92,836	36								
		4	Very often	213	23	8,393	19	2,262	18	49,415	20								
		Total	938	100	46,393	100	13,377	100	260,415	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	141	15	7,929	16	2,361	17	45,857	18	2.5	2.5	.06	2.4 *	.08	2.4 *	.08	
		2	Sometimes	338	36	17,230	37	5,016	37	96,229	37								
		3	Often	290	31	13,779	30	3,853	29	76,656	30								
		4	Very often	164	18	7,271	16	2,101	16	40,657	16								
		Total	933	100	46,209	100	13,331	100	259,399	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	120	13	7,664	16	2,146	16	41,803	16	2.6	2.4 ***	.17	2.4 ***	.15	2.4 ***	.16	
		2	Sometimes	317	33	17,992	39	5,121	38	100,019	38								
		3	Often	341	37	14,039	31	4,136	32	80,423	31								
		4	Very often	153	17	6,353	14	1,867	14	36,425	14								
		Total	931	100	46,048	100	13,270	100	258,670	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 (Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	52	6	2,678	6	709	5	14,845	6	8.2	7.7 *	.07	8.0	.03	7.7 *	.07	
		1.5	1-2	155	17	7,493	16	2,000	15	43,695	17								
		4	3-5	260	28	13,392	29	3,912	29	73,877	29								
		8	6-10	194	21	10,693	23	3,171	24	57,826	22								
		13	11-15	116	12	5,059	11	1,514	12	28,739	11								
		18	16-20	52	6	2,616	6	771	6	15,263	6								
		23	More than 20	102	11	3,941	9	1,166	9	23,635	9								
		Total	931	100	45,872	100	13,243	100	257,880	100									
b. Between 6 and 10 pages	wrmednum (Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	222	25	9,632	21	2,544	19	58,614	24	4.5	4.0 *	.09	4.2	.05	3.7 ***	.18	
		1.5	1-2	273	28	14,253	31	4,005	30	84,200	32								
		4	3-5	194	21	11,686	25	3,407	26	63,619	24								
		8	6-10	130	13	6,194	14	2,005	15	31,105	12								
		13	11-15	55	6	2,230	5	701	5	10,963	4								
		18	16-20	21	2	841	2	247	2	4,064	2								
		23	More than 20	36	4	877	2	276	2	4,492	2								
		Total	931	100	45,713	100	13,185	100	257,057	100									

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

NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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	
c. 11 pages or more	wrlongnum	0	None	420	45	20,523	44	5,716	43	121,317	48	3.0	2.3 *** ▲	.17	2.4 ** ▲	.12	2.0 *** ▲	.24	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	266	28	15,550	34	4,424	33	86,693	32								
	4	3-5	109	12	5,229	12	1,553	12	27,966	11									
	8	6-10	61	6	2,195	5	697	5	10,531	4									
	13	11-15	31	3	1,229	3	449	3	5,701	2									
	18	16-20	17	2	427	1	129	1	2,121	1									
	23	More than 20	28	3	665	2	241	2	3,268	1									
	Total	932	100	45,818	100	13,209	100	257,597	100										
Estimated number of assigned pages of student writing.	wrpages											104.0	89.0 *** ▲	.15	94.1 * ▲	.09	82.3 *** ▲	.22	
(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 a race or ethnicity other than your own	DDrace	1	Never	34	4	2,703	7	468	4	12,567	5	3.2	3.0 *** ▲	.22	3.2	.01	3.1 *** ▲	.17	
		2	Sometimes	157	17	10,439	23	2,392	18	59,924	23								
		3	Often	277	30	14,046	30	3,962	30	79,796	31								
		4	Very often	464	49	18,624	40	6,419	48	105,095	41								
		Total	932	100	45,812	100	13,241	100	257,382	100									
b. People from an economic background other than your own	DDeconomic	1	Never	35	4	2,594	6	614	5	10,835	5	3.2	3.0 *** ▲	.21	3.1 ** ▲	.10	3.1 *** ▲	.14	
		2	Sometimes	165	18	10,807	24	2,892	22	57,864	22								
		3	Often	318	34	15,761	34	4,401	34	91,625	35								
		4	Very often	412	44	16,501	35	5,278	40	96,462	38								
		Total	930	100	45,663	100	13,185	100	256,786	100									
c. People with religious beliefs other than your own	DDreligion	1	Never	61	7	3,556	8	958	7	16,539	6	3.1	2.9 *** ▲	.16	3.0 * ▲	.08	3.0 * ▲	.08	
		2	Sometimes	197	21	12,131	27	3,246	25	67,672	26								
		3	Often	293	32	14,611	32	4,178	32	82,067	32								
		4	Very often	377	40	15,390	33	4,820	36	90,563	36								
		Total	928	100	45,688	100	13,202	100	256,841	100									
d. People with political views other than your own	DDpolitical	1	Never	64	7	3,881	9	1,237	9	16,848	7	2.9	2.8	.04	2.8 ** ▲	.09	2.9	-.05	
		2	Sometimes	289	31	13,551	30	4,379	33	73,120	28								
		3	Often	284	30	14,190	31	3,761	29	82,002	32								
		4	Very often	296	32	14,092	31	3,830	29	84,981	34								
		Total	933	100	45,714	100	13,207	100	256,951	100									

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NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona	Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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
9. During the current school year, about how often have you done the following?																		
a. Identified key information from reading assignments	LSreading	1	Never	30	4	934	2	274	2	5,927	3	3.0	3.1 ***	-.20	3.1 ***	-.15	3.1 ***	-.16
		2	Sometimes	232	25	8,664	19	2,648	20	49,422	20							
		3	Often	390	42	20,018	44	5,905	45	111,710	43							
		4	Very often	272	29	15,866	35	4,302	33	88,747	34							
		Total	924	100	45,482	100	13,129	100	255,806	100								
b. Reviewed your notes after class	LSnotes	1	Never	68	8	2,883	7	732	6	18,538	7	2.8	2.9 **	-.11	2.9 *	-.07	2.8	-.05
		2	Sometimes	287	31	12,743	28	3,925	30	76,470	30							
		3	Often	316	34	15,510	34	4,545	35	84,979	33							
		4	Very often	254	27	14,295	31	3,918	29	75,600	30							
		Total	925	100	45,431	100	13,120	100	255,587	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	80	9	2,725	6	859	7	16,640	7	2.7	2.9 ***	-.19	2.8 **	-.09	2.8 ***	-.14
		2	Sometimes	303	33	12,554	27	4,043	31	74,018	29							
		3	Often	328	35	17,225	38	4,807	37	95,435	37							
		4	Very often	209	23	12,928	29	3,408	25	69,470	27							
		Total	920	100	45,432	100	13,117	100	255,563	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	9	1	387	1	102	1	2,450	1	5.3	5.6 ***	-.24	5.6 ***	-.20	5.6 ***	-.18
		2		10	1	566	1	176	1	3,338	1							
		3		61	7	1,801	4	544	4	10,528	4							
		4		117	13	4,356	10	1,299	10	25,536	10							
		5		294	32	12,122	26	3,669	28	72,474	28							
		6		213	23	11,571	26	3,205	25	65,592	25							
		7	Very much	209	22	14,369	32	4,068	30	74,213	29							
		Total	913	100	45,172	100	13,063	100	254,131	100								
11. Which of the following have you done 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	Have not decided	76	8	5,307	12	1,744	13	25,265	10	44%	43%	.03	39% **	.10	48% *	-.08	
		Do not plan to do	120	14	7,737	19	1,782	15	40,933	17								
		Plan to do	309	34	12,124	26	4,410	33	60,377	24								
		Done or in progress	409	44	19,891	43	5,101	39	127,319	48								
		Total	914	100	45,059	100	13,037	100	253,894	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		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona	Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
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	92	10	6,748	15	2,311	17	30,435	12	37%	26% *** △	.23	21% *** ▲	.34	34%	.05
			Do not plan to do	363	41	21,631	49	6,459	51	110,183	45							
			Plan to do	116	13	4,257	9	1,495	11	21,531	9							
			Done or in progress	336	37	12,330	26	2,731	21	91,275	34							
			Total	907	100	44,966	100	12,996	100	253,424	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	153	17	7,832	17	2,674	20	37,098	15	19%	19%	.00	18%	.03	22% *	-0.08 ▽
			Do not plan to do	447	49	22,647	52	6,121	48	130,403	52							
			Plan to do	134	15	5,407	12	1,898	14	25,877	10							
			Done or in progress	176	19	8,912	19	2,260	18	59,216	22							
			Total	910	100	44,798	100	12,953	100	252,594	100							
d. Participate in a study abroad program	abroad (Means indicate the percentage who responded "Done or in progress.")		Have not decided	130	14	6,379	14	2,321	17	29,671	12	6%	9% ** ▽	-0.10	6%	.01	14% *** ▽	-0.25
			Do not plan to do	627	69	30,841	70	8,729	68	166,440	67							
			Plan to do	92	10	3,140	7	1,102	8	17,393	7							
			Done or in progress	61	6	4,452	9	804	6	39,213	14							
			Total	910	100	44,812	100	12,956	100	252,717	100							
e. Work with a faculty member on a research project	research (Means indicate the percentage who responded "Done or in progress.")		Have not decided	152	17	8,263	18	2,902	22	38,889	16	27%	18% *** △	.22	14% *** ▲	.32	23% ** △	.10
			Do not plan to do	359	39	22,578	51	6,309	49	124,172	49							
			Plan to do	154	17	5,750	13	1,932	15	29,560	12							
			Done or in progress	242	27	8,213	18	1,808	14	60,057	23							
			Total	907	100	44,804	100	12,951	100	252,678	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone (Means indicate the percentage who responded "Done or in progress.")		Have not decided	93	10	5,155	11	1,917	14	24,294	10	47%	43% * △	.07	40% *** △	.13	44%	.05
			Do not plan to do	198	21	8,855	19	3,015	23	49,631	21							
			Plan to do	195	22	11,538	26	3,121	23	60,652	25							
			Done or in progress	419	47	19,252	43	4,900	40	117,988	44							
			Total	905	100	44,800	100	12,953	100	252,565	100							

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

servcourse	1	None	357	40	15,539	36	4,173	33	93,591	39	1.8	1.8	-0.05	1.9 *** ▽	-0.14	1.8	.01
	2	Some	424	46	22,638	50	6,533	51	126,250	49							
	3	Most	103	11	5,248	11	1,767	13	25,880	10							
	4	All	22	3	1,163	3	392	3	6,078	2							
	Total		906	100	44,588	100	12,865	100	251,799	100							

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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	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	Qlstudent	1	Poor	13	2	678	2	170	1	2,962	1	5.6	5.6	-.01	5.6	-.04	5.6	-.01	
		2		11	1	713	2	193	2	3,847	2								
		3		29	3	1,662	4	479	4	9,601	4								
		4		98	11	4,210	9	1,243	10	24,483	10								
		5		217	24	10,059	22	3,086	24	61,083	24								
		6		271	30	11,565	25	3,534	28	68,849	27								
		7	Excellent	249	28	13,467	30	4,081	32	74,794	30								
		—	Not applicable	13	2	2,231	6	86	1	6,169	3								
		Total		901	100	44,585	100	12,872	100	251,788	100								
b. Academic advisors	Qladvisor	1	Poor	53	6	1,761	4	515	4	10,483	4	4.8	5.4 *** ▼	-.33	5.2 *** ▼	-.22	5.3 *** ▼	-.26	
		2		56	6	1,789	4	565	4	11,171	5								
		3		76	8	2,991	7	1,003	8	17,538	7								
		4		150	16	4,965	11	1,683	13	29,741	12								
		5		203	23	7,890	17	2,614	20	45,799	18								
		6		150	17	8,784	19	2,610	20	49,476	19								
		7	Excellent	188	21	15,608	36	3,571	29	83,624	33								
		—	Not applicable	27	3	734	2	287	2	3,764	2								
		Total		903	100	44,522	100	12,848	100	251,596	100								
c. Faculty	Qlfaculty	1	Poor	22	3	716	2	255	2	3,579	2	5.1	5.6 *** ▼	-.37	5.5 *** ▼	-.24	5.5 *** ▼	-.32	
		2		33	4	907	2	336	3	4,826	2								
		3		67	7	1,857	4	673	5	10,949	5								
		4		134	15	4,585	10	1,571	12	26,985	11								
		5		253	28	9,595	21	2,939	23	58,110	23								
		6		213	23	12,135	27	3,493	28	71,117	28								
		7	Excellent	165	19	14,212	33	3,469	27	73,582	29								
		—	Not applicable	14	2	510	1	124	1	2,378	1								
		Total		901	100	44,517	100	12,860	100	251,526	100								

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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	
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	57	6	1,877	4	619	5	10,211	4	4.7	5.1 *** ▽	-.28	5.0 *** ▽	-.20	5.0 *** ▽	-.21	
		2		50	6	1,656	4	531	4	10,210	4								
		3		68	7	2,712	6	843	6	16,949	7								
		4		130	14	4,914	11	1,513	11	31,847	12								
		5		190	21	7,541	16	2,307	18	46,597	18								
		6		152	16	7,623	17	2,251	17	43,712	17								
		7	Excellent	114	13	9,503	22	2,406	19	48,444	19								
		—	Not applicable	141	16	8,644	20	2,372	19	43,426	19								
	Total	902	100	44,470	100	12,842	100	251,396	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	75	9	1,845	4	583	4	11,196	5	4.5	5.2 *** ▽	-.42	5.0 *** ▽	-.34	5.0 *** ▽	-.33	
		2		70	8	1,939	4	597	4	11,770	5								
		3		87	9	3,145	7	977	7	19,142	8								
		4		165	18	5,835	13	1,835	14	36,011	14								
		5		190	21	8,882	19	2,726	21	52,300	20								
		6		146	16	9,058	20	2,602	20	50,205	20								
		7	Excellent	117	13	10,854	26	2,679	21	54,996	22								
		—	Not applicable	51	6	2,966	7	854	7	15,875	7								
	Total	901	100	44,524	100	12,853	100	251,495	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	22	2	840	2	247	2	4,747	2	3.1	3.1	.02	3.1	.01	3.1	.02	
		2	Some	162	18	8,068	18	2,366	19	45,689	19								
		3	Quite a bit	389	44	20,203	46	5,651	44	114,327	46								
		4	Very much	325	36	15,250	34	4,552	35	85,934	34								
			Total	898	100	44,361	100	12,816	100	250,697	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	64	7	2,464	6	730	6	12,827	6	2.8	3.0 *** ▽	-.17	2.9 ** ▽	-.11	2.9 *** ▽	-.13	
		2	Some	263	29	10,115	23	3,282	26	59,496	24								
		3	Quite a bit	342	38	17,813	39	5,202	41	105,646	42								
		4	Very much	228	26	13,864	32	3,571	28	72,243	29								
			Total	897	100	44,256	100	12,785	100	250,212	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	114	13	4,122	9	1,459	11	22,084	9	2.7	2.9 *** ▽	-.24	2.8 *** ▽	-.12	2.9 *** ▽	-.19	
		2	Some	257	29	10,068	22	3,179	25	60,473	25								
		3	Quite a bit	320	35	16,066	36	4,599	36	94,035	37								
		4	Very much	208	23	13,953	32	3,537	28	73,407	29								
			Total	899	100	44,209	100	12,774	100	249,999	100								

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

NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	128	14	6,778	16	1,563	12	36,616	15	2.7	2.6	.06	2.8 *	-.08	2.6	.05	
		2	Some	248	27	12,948	30	3,494	27	75,920	30								
		3	Quite a bit	311	35	13,913	31	4,266	34	80,177	32								
		4	Very much	210	23	10,479	23	3,431	27	56,905	23								
		Total	897	100	44,118	100	12,754	100	249,618	100									
e. Providing opportunities to be involved socially	SEsocial	1	Very little	85	10	4,735	12	1,176	9	21,956	9	2.7	2.7	.01	2.8	-.06	2.8 *	-.07	
		2	Some	267	30	12,170	28	3,560	27	65,286	27								
		3	Quite a bit	342	37	15,869	35	4,703	38	95,725	38								
		4	Very much	205	23	11,302	25	3,296	26	66,421	26								
		Total	899	100	44,076	100	12,735	100	249,388	100									
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	114	13	5,189	13	1,324	10	29,540	12	2.7	2.7	-.05	2.8 ***	-.15	2.7	-.05	
		2	Some	258	29	12,182	28	3,349	26	69,420	28								
		3	Quite a bit	329	37	15,346	34	4,516	36	88,863	35								
		4	Very much	194	21	11,324	25	3,540	28	61,275	24								
		Total	895	100	44,041	100	12,729	100	249,098	100									
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	287	32	13,598	31	3,890	30	81,475	33	2.2	2.2	-.02	2.2	-.03	2.1	.04	
		2	Some	289	32	15,025	34	4,354	35	87,149	35								
		3	Quite a bit	225	25	9,694	22	2,850	23	52,179	21								
		4	Very much	94	11	5,666	13	1,621	12	28,068	11								
		Total	895	100	43,983	100	12,715	100	248,871	100									
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	191	21	10,519	27	2,706	21	42,749	18	2.4	2.3	.04	2.4	-.04	2.5 ***	-.16	
		2	Some	313	35	13,095	29	4,216	33	74,179	30								
		3	Quite a bit	262	29	12,849	28	3,743	30	82,211	32								
		4	Very much	129	15	7,476	16	2,045	16	49,443	20								
		Total	895	100	43,939	100	12,710	100	248,582	100									
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	256	28	11,374	28	3,018	23	55,098	23	2.2	2.2	-.05	2.3 ***	-.14	2.3 ***	-.13	
		2	Some	331	37	15,500	35	4,575	36	91,025	37								
		3	Quite a bit	218	24	11,309	25	3,350	27	68,785	27								
		4	Very much	91	11	5,739	13	1,755	14	33,736	13								
		Total	896	100	43,922	100	12,698	100	248,644	100									

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NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona	Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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
15. To what extent do you agree or disagree with the following statements?																		
a. I feel comfortable being myself at this institution.	SBmyself (Comparison data are limited to NSSE 2020.)	1	Strongly disagree	34	4	983	2	286	2	3,676	3	3.2	3.3 ***	-.25	3.3 ***	-.17	3.3 ***	-.21
		2	Disagree	89	10	2,733	6	878	7	10,111	7							
		3	Agree	462	51	20,668	46	6,365	49	69,941	46							
		4	Strongly agree	314	35	19,565	46	5,181	41	64,419	44							
		Total	899	100	43,949	100	12,710	100	148,147	100								
b. I feel valued by this institution.	SBvalued (Comparison data are limited to NSSE 2020.)	1	Strongly disagree	84	10	2,341	6	675	5	9,541	7	2.7	3.0 ***	-.34	2.9 ***	-.23	2.9 ***	-.24
		2	Disagree	220	24	7,199	16	2,455	19	27,214	18							
		3	Agree	444	49	22,255	50	6,775	53	73,372	49							
		4	Strongly agree	151	17	12,127	29	2,792	22	37,881	26							
		Total	899	100	43,922	100	12,697	100	148,008	100								
c. I feel like part of the community at this institution.	SBcommunity (Comparison data are limited to NSSE 2020.)	1	Strongly disagree	65	7	2,291	6	666	5	8,309	6	2.8	3.0 ***	-.21	2.9 ***	-.13	3.0 ***	-.19
		2	Disagree	200	23	7,945	18	2,587	20	26,811	18							
		3	Agree	471	51	21,976	49	6,678	52	73,190	49							
		4	Strongly agree	164	18	11,732	27	2,785	22	39,797	27							
		Total	900	100	43,944	100	12,716	100	148,107	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 (Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	7	1	163	0	30	0	964	0	15.1	14.5 *	.08	14.4 *	.08	14.9	.02
		3	1-5 hrs	97	11	5,946	14	1,769	14	32,038	13							
		8	6-10 hrs	218	24	10,745	24	3,260	25	57,044	23							
		13	11-15 hrs	172	19	9,278	21	2,697	21	51,282	21							
		18	16-20 hrs	181	20	7,890	18	2,130	17	44,975	18							
		23	21-25 hrs	99	11	4,457	10	1,223	10	26,813	11							
		28	26-30 hrs	51	6	2,400	5	667	6	15,296	6							
		33	More than 30 hrs	73	8	2,928	7	883	7	19,668	8							
		Total	898	100	43,807	100	12,659	100	248,080	100								
		b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs (Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	313	35	22,330	53	6,816	53							
3	1-5 hrs			242	26	10,504	23	2,917	23	67,593	26							
8	6-10 hrs			127	15	4,442	10	1,184	10	31,893	13							
13	11-15 hrs			97	11	2,766	6	801	6	18,733	7							
18	16-20 hrs			60	7	1,724	4	463	4	11,702	5							
23	21-25 hrs			28	3	931	2	234	2	6,253	2							
28	26-30 hrs			13	2	390	1	89	1	2,595	1							
33	More than 30 hrs			16	2	651	1	148	1	4,064	2							
Total	896			100	43,738	100	12,652	100	247,660	100								

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

NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020 2020		Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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	
c. Working for pay on campus	tmworkonhrs	0	0 hrs	602	68	34,224	79	10,490	83	174,006	72	4.9	2.7 *** ▲	.34	2.4 *** ▲	.40	3.6 *** △	.18	
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	21	2	1,582	3	290	2	12,346	4								
	8	6-10 hrs	58	6	2,441	5	413	4	20,871	7									
	13	11-15 hrs	68	8	2,093	5	491	4	16,200	6									
	18	16-20 hrs	95	10	2,116	5	663	5	15,108	6									
	23	21-25 hrs	25	3	633	1	156	1	4,586	2									
	28	26-30 hrs	7	1	213	0	39	0	1,694	1									
	33	More than 30 hrs	15	2	403	1	84	1	2,849	1									
	Total		891	100	43,705	100	12,626	100	247,660	100									
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	352	40	14,610	33	3,832	32	101,592	41	11.6	15.7 *** ▽	-.30	15.0 *** ▽	-.27	13.0 *** ▽	-.10	
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	40	4	1,801	4	468	4	12,216	5								
	8	6-10 hrs	57	6	2,573	5	706	5	15,905	6									
	13	11-15 hrs	79	9	3,085	7	972	8	17,288	7									
	18	16-20 hrs	141	16	4,411	9	1,683	13	22,779	9									
	23	21-25 hrs	81	9	3,582	8	1,445	11	17,738	7									
	28	26-30 hrs	56	6	2,927	6	1,159	9	13,029	5									
	33	More than 30 hrs	90	10	10,780	27	2,381	18	47,328	21									
	Total		896	100	43,769	100	12,646	100	247,875	100									
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)										16.4	18.4 *** ▽	-.15	17.4 * ▽	-.08	16.7	-.02		
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	511	58	22,597	52	6,845	55	123,445	51	3.5	3.3	.03	3.5	-.01	3.3	.04	
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	201	21	13,235	30	3,064	24	82,375	32								
	8	6-10 hrs	82	9	3,798	8	1,307	10	20,597	8									
	13	11-15 hrs	44	5	1,828	4	648	5	9,350	4									
	18	16-20 hrs	25	3	1,035	2	389	3	5,538	2									
	23	21-25 hrs	15	2	472	1	157	1	2,555	1									
	28	26-30 hrs	4	0	218	0	70	1	1,153	0									
	33	More than 30 hrs	11	1	540	1	159	1	2,698	1									
	Total		893	100	43,723	100	12,639	100	247,711	100									

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NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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	
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	23	3	1,614	4	462	4	7,449	3	12.1	10.5 *** ▲	.20	10.9 *** ▲	.15	10.9 *** ▲	.15	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	218	23	12,827	29	3,638	27	66,641	27								
	8	6-10 hrs	234	25	12,165	28	3,469	27	70,113	28									
	13	11-15 hrs	173	19	7,605	17	2,229	18	46,163	18									
	18	16-20 hrs	122	14	4,703	11	1,393	11	28,619	12									
	23	21-25 hrs	46	5	1,901	4	537	5	11,931	5									
	28	26-30 hrs	17	2	887	2	274	2	5,381	2									
	33	More than 30 hrs	63	8	2,032	5	649	5	11,377	5									
	Total		896	100	43,734	100	12,651	100	247,674	100									
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	570	64	24,390	55	6,844	56	160,002	63	4.4	8.0 *** ▼	-.30	6.2 *** ▼	-.17	6.3 *** ▼	-.17	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	123	13	5,453	12	2,042	15	25,812	10								
	8	6-10 hrs	58	6	2,869	7	1,065	8	12,595	5									
	13	11-15 hrs	49	5	1,909	4	618	5	8,350	4									
	18	16-20 hrs	28	3	1,450	4	419	3	6,654	3									
	23	21-25 hrs	17	2	853	2	262	2	3,781	2									
	28	26-30 hrs	5	1	558	1	151	1	2,624	1									
	33	More than 30 hrs	41	5	6,178	15	1,214	9	27,548	12									
	Total		891	100	43,660	100	12,615	100	247,366	100									
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	41	5	10,763	28	606	5	63,797	25	8.3	5.2 *** ▲	.46	7.4 *** ▲	.13	5.0 *** ▲	.52	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	361	41	19,211	42	6,167	49	116,302	47								
	8	6-10 hrs	264	29	7,571	16	3,216	25	38,241	16									
	13	11-15 hrs	116	14	2,877	6	1,241	10	14,008	6									
	18	16-20 hrs	38	4	1,264	3	585	4	5,906	3									
	23	21-25 hrs	24	3	625	1	252	2	2,924	1									
	28	26-30 hrs	10	1	288	1	123	1	1,418	1									
	33	More than 30 hrs	38	4	1,160	3	460	4	5,177	2									
	Total		892	100	43,759	100	12,650	100	247,773	100									

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California State Polytechnic University-Pomona

Seniors

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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	
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	165	19	4,824	11	1,354	11	33,536	14	2.5	3.0 ***	-.36	3.0 ***	-.37	2.8 ***	-.23	
		2	Some	310	35	11,830	27	3,306	27	71,016	29								
		3	About half	231	25	12,407	29	3,582	28	67,642	27								
		4	Most	124	14	9,995	23	2,964	23	52,604	21								
		5	Almost all	63	7	4,581	10	1,417	11	22,594	9								
		Total		893	100	43,637	100	12,623	100	247,392	100								
tmreadinghrs												6.2	7.4 ***	-.18	7.4 ***	-.17	7.1 ***	-.13	
(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																			
	tmreadinghrscol	1	0 hrs	7	1	155	0	29	0	945	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	496	56	20,345	46	5,903	47	117,678	49								
		3	More than 5, up to 10 hrs	225	25	12,678	29	3,736	30	71,776	29								
		4	More than 10, up to 15 hrs	80	9	4,668	11	1,259	10	25,910	10								
		5	More than 15, up to 20 hrs	38	4	2,717	6	779	6	14,826	6								
		6	More than 20, up to 25 hrs	30	3	1,944	4	566	4	10,394	4								
		7	More than 25 hrs	15	2	981	2	306	2	4,942	2								
		Total		891	100	43,488	100	12,578	100	246,471	100 0								
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	59	7	2,028	5	506	4	12,562	6	2.9	3.1 ***	-.18	3.1 ***	-.20	3.0 ***	-.13	
		2	Some	219	25	8,729	20	2,406	19	51,720	21								
		3	Quite a bit	358	40	17,470	40	5,343	42	96,945	39								
		4	Very much	257	28	15,400	35	4,378	35	85,610	34								
		Total		893	100	43,627	100	12,633	100	246,837	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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California State Polytechnic University-Pomona

Seniors

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Your seniors compared with

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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	
b. Speaking clearly and effectively	pgspeak	1	Very little	62	7	2,921	7	633	5	17,249	8	2.9	2.9	-.01	3.0 *	-.07	2.9	.00	
		2	Some	201	23	9,905	23	2,732	22	56,692	23								
		3	Quite a bit	348	40	16,488	37	5,079	40	92,696	37								
		4	Very much	281	31	14,238	32	4,167	33	80,187	32								
		Total	892	100	43,552	100	12,611	100	246,824	100									
c. Thinking critically and analytically	pgthink	1	Very little	28	3	939	2	264	2	5,125	2	3.2	3.3 *	-.09	3.3 *	-.09	3.3 **	-.10	
		2	Some	133	15	5,376	13	1,535	13	29,791	13								
		3	Quite a bit	330	36	16,703	38	4,942	38	92,623	37								
		4	Very much	401	45	20,554	47	5,867	47	119,395	48								
		Total	892	100	43,572	100	12,608	100	246,934	100									
d. Analyzing numerical and statistical information	pganalyze	1	Very little	50	6	3,928	9	1,092	9	23,806	9	3.1	2.9 ***	.21	2.9 ***	.20	2.9 ***	.21	
		2	Some	157	17	10,970	25	3,010	24	62,330	24								
		3	Quite a bit	343	38	15,027	35	4,499	35	82,103	33								
		4	Very much	341	39	13,662	32	4,019	32	78,630	33								
		Total	891	100	43,587	100	12,620	100	246,869	100									
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	74	8	3,402	8	1,211	10	19,591	9	2.9	3.0 *	-.08	2.8	.06	3.0	-.05	
		2	Some	211	24	9,664	22	3,194	25	55,996	23								
		3	Quite a bit	333	37	15,173	34	4,452	35	84,878	34								
		4	Very much	276	31	15,327	36	3,753	30	86,425	35								
		Total	894	100	43,566	100	12,610	100	246,890	100									
f. Working effectively with others	pgothers	1	Very little	38	5	2,395	6	499	4	11,800	5	3.1	3.0 *	.07	3.1	-.01	3.1	.04	
		2	Some	167	19	8,522	21	2,318	19	48,525	20								
		3	Quite a bit	345	39	16,430	37	4,972	39	94,569	38								
		4	Very much	343	38	16,200	36	4,816	38	91,938	37								
		Total	893	100	43,547	100	12,605	100	246,832	100									
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	82	10	3,864	10	1,023	9	23,477	11	2.9	2.9	-.01	2.9	-.04	2.9	.02	
		2	Some	214	24	10,011	24	2,840	23	57,607	24								
		3	Quite a bit	312	35	15,494	35	4,646	36	85,785	34								
		4	Very much	284	31	14,167	32	4,086	32	79,804	31								
		Total	892	100	43,536	100	12,595	100	246,673	100									

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

NSSE 2020 Frequencies and Statistical Comparisons

California State Polytechnic University-Pomona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020		Cal Poly Pomona		Carnegie Class.		Carnegie Class 2		NSSE 2019 & 2020	
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	
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	86	10	3,584	9	780	7	21,584	10	2.9	2.9	-.01	3.0 ***	-.16	2.9	.02	
		2	Some	207	24	10,213	24	2,448	20	60,709	25								
		3	Quite a bit	299	33	14,921	34	4,527	35	84,865	34								
		4	Very much	301	33	14,830	33	4,842	38	79,636	32								
		Total	893	100	43,548	100	12,597	100	246,794	100									
i. Solving complex real- world problems	pgprobsolve	1	Very little	74	8	3,561	9	1,077	9	20,467	9	2.9	2.9	.01	2.9	.03	2.9	.02	
		2	Some	226	26	11,274	26	3,258	26	64,463	26								
		3	Quite a bit	328	36	15,563	35	4,584	36	88,431	35								
		4	Very much	266	30	13,153	30	3,685	29	73,438	30								
		Total	894	100	43,551	100	12,604	100	246,799	100									
j. Being an informed and active citizen	pgcitizen	1	Very little	131	15	4,954	12	1,388	11	29,315	13	2.6	2.8 ***	-.13	2.8 ***	-.15	2.7 **	-.10	
		2	Some	258	30	12,237	28	3,427	27	70,658	29								
		3	Quite a bit	306	33	14,294	32	4,294	34	80,402	32								
		4	Very much	196	22	12,121	28	3,502	28	66,658	27								
		Total	891	100	43,606	100	12,611	100	247,033	100									
19. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	32	4	1,009	3	277	2	5,926	3	3.0	3.3 ***	-.35	3.2 ***	-.24	3.2 ***	-.33	
		2	Fair	183	20	5,298	12	1,817	14	29,103	12								
		3	Good	433	49	19,053	42	6,033	47	107,610	43								
		4	Excellent	243	27	18,408	43	4,522	36	105,274	42								
		Total	891	100	43,768	100	12,649	100	247,913	100									
20. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	52	6	1,982	5	525	4	11,472	5	3.0	3.2 ***	-.26	3.2 ***	-.19	3.2 ***	-.24	
		2	Probably no	155	17	5,335	12	1,693	13	30,704	12								
		3	Probably yes	399	44	16,687	37	5,353	42	95,178	38								
		4	Definitely yes	290	32	19,894	46	5,116	41	111,265	45								
		Total	896	100	43,898	100	12,687	100	248,619	100									

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NSSE 2020 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	Carnegie Class.	Carnegie Class 2	NSSE 2019 & 2020	Cal Poly Pomona	Carnegie Class.	Carnegie Class 2	NSSE 2019 & 2020	Cal Poly Pomona	Carnegie Class.	Carnegie Class 2	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Class.	Carnegie Class 2	NSSE 2019 & 2020	Carnegie Class.	Carnegie Class 2	NSSE 2019 & 2020	Carnegie Class.	Carnegie Class 2	NSSE 2019 & 2020
1 a. askquest	694	2.52	2.74	2.62	2.80	.030	.004	.009	.002	.79	.86	.81	.85	722	8,736	262,268	.000	.001	.000	-.26	-.13	-.33
b. unpreparedr	694	3.02	3.13	3.05	3.07	.030	.004	.009	.002	.79	.77	.76	.77	717	8,716	261,112	.000	.359	.074	-.15	-.04	-.07
c. attendart	695	1.49	1.76	1.71	1.85	.029	.004	.009	.002	.77	.88	.84	.92	727	844	699	.000	.000	.000	-.31	-.27	-.39
d. CLaskhelp	694	2.68	2.48	2.66	2.60	.033	.005	.010	.002	.88	.91	.85	.90	720	8,671	259,921	.000	.548	.016	.22	.02	.09
e. CLexplain	692	2.59	2.56	2.67	2.69	.031	.005	.009	.002	.83	.88	.81	.85	720	8,652	259,006	.277	.019	.003	.04	-.09	-.11
f. CLstudy	693	2.45	2.40	2.47	2.53	.035	.005	.011	.002	.92	.98	.94	.98	720	8,615	696	.174	.580	.019	.05	-.02	-.08
g. CLproject	690	2.74	2.55	2.72	2.64	.030	.005	.009	.002	.79	.92	.83	.89	724	828	694	.000	.554	.001	.20	.02	.12
h. present	692	2.40	2.32	2.54	2.27	.034	.005	.010	.002	.89	.93	.89	.91	38,404	8,540	255,250	.015	.000	.000	.09	-.15	.14
2 a. RIntegrate	684	2.52	2.53	2.57	2.57	.032	.004	.010	.002	.85	.86	.84	.85	37,724	8,410	251,052	.654	.162	.092	-.02	-.06	-.06
b. RIsocietal	683	2.49	2.55	2.56	2.56	.033	.005	.010	.002	.87	.88	.88	.88	37,352	8,355	248,825	.059	.034	.020	-.07	-.08	-.09
c. RIdiverse	677	2.47	2.53	2.57	2.56	.033	.005	.010	.002	.87	.91	.91	.90	704	815	680	.132	.005	.010	-.06	-.11	-.10
d. Rlownview	661	2.70	2.75	2.75	2.77	.031	.004	.009	.002	.81	.81	.81	.81	36,413	8,149	243,237	.077	.089	.015	-.07	-.07	-.09
e. Rlperspect	660	2.87	2.90	2.94	2.92	.030	.004	.009	.002	.76	.80	.78	.79	35,736	8,014	239,293	.261	.019	.077	-.04	-.10	-.07
f. Rlnewview	657	2.86	2.84	2.88	2.86	.030	.004	.009	.002	.77	.79	.77	.79	682	7,904	659	.480	.544	.828	.03	-.02	.01
g. Rlconnect	654	2.89	3.00	2.98	3.03	.029	.004	.009	.002	.73	.75	.74	.74	34,504	7,794	232,335	.000	.004	.000	-.15	-.12	-.19
3 a. SFcareer	656	2.16	2.32	2.20	2.33	.038	.005	.011	.002	.96	.94	.93	.93	34,461	7,803	232,206	.000	.323	.000	-.17	-.04	-.18
b. SFotherwork	654	1.79	1.78	1.67	1.80	.037	.005	.010	.002	.95	.92	.88	.92	34,260	761	230,840	.814	.004	.681	.01	.13	-.02
c. SFdiscuss	653	1.95	2.00	1.89	2.02	.036	.005	.011	.002	.91	.91	.89	.90	33,862	7,693	228,466	.207	.090	.063	-.05	.07	-.07
d. SFperform	650	2.02	2.18	2.05	2.14	.037	.005	.011	.002	.93	.91	.89	.89	33,850	762	228,236	.000	.471	.000	-.17	-.03	-.14
4 a. memorize	644	2.89	2.89	2.91	2.91	.032	.004	.010	.002	.82	.80	.79	.80	33,508	758	226,502	.906	.482	.466	.00	-.03	-.03
b. HOapply	639	2.77	2.87	2.79	2.91	.032	.004	.010	.002	.81	.80	.81	.80	33,285	7,535	641	.003	.550	.000	-.12	-.02	-.18
c. HOanalyze	631	2.83	2.88	2.85	2.90	.032	.005	.010	.002	.80	.81	.81	.81	32,849	7,449	222,596	.180	.551	.028	-.05	-.02	-.09
d. HOevaluate	629	2.84	2.91	2.91	2.89	.032	.004	.010	.002	.81	.80	.79	.81	32,656	7,428	221,218	.033	.026	.083	-.09	-.09	-.07
e. HOform	630	2.81	2.89	2.88	2.89	.033	.004	.010	.002	.82	.79	.79	.80	653	741	220,096	.027	.040	.019	-.09	-.09	-.09
5 a. ETgoals	629	2.89	3.06	3.05	3.06	.031	.004	.010	.002	.79	.79	.79	.78	32,134	7,312	218,329	.000	.000	.000	-.21	-.20	-.21
b. ETorganize	620	2.80	2.96	2.93	2.99	.035	.005	.011	.002	.88	.85	.86	.82	642	733	622	.000	.001	.000	-.18	-.14	-.22
c. ETexample	622	2.88	3.00	3.00	3.02	.035	.005	.010	.002	.86	.84	.84	.82	645	735	625	.001	.001	.000	-.14	-.14	-.17
d. ETdraftfb	622	2.79	2.86	2.89	2.81	.036	.005	.011	.002	.90	.90	.88	.91	31,819	738	216,725	.060	.011	.543	-.08	-.11	-.02
e. ETfeedback	617	2.68	2.78	2.75	2.73	.037	.005	.011	.002	.93	.90	.90	.90	31,761	7,228	216,004	.008	.076	.205	-.11	-.07	-.05
6 a. QRconclude	609	2.59	2.56	2.54	2.58	.033	.005	.011	.002	.82	.87	.85	.87	635	7,115	612	.350	.153	.679	.04	.06	.02
b. QRproblem	608	2.40	2.35	2.34	2.33	.037	.005	.011	.002	.92	.91	.91	.92	31,016	7,081	211,824	.195	.144	.061	.05	.06	.08
c. QRevaluate	604	2.35	2.32	2.32	2.33	.036	.005	.011	.002	.87	.89	.88	.89	30,873	7,050	210,979	.315	.303	.437	.04	.04	.03

NSSE 2020 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	Carnegie Class.	Carnegie Class 2	NSSE 2019 & 2020	Cal Poly Pomona	Carnegie Class.	Carnegie Class 2	NSSE 2019 & 2020	Cal Poly Pomona	Carnegie Class.	Carnegie Class 2	NSSE 2019 & 2020	Carnegie Class.	Carnegie Class 2	NSSE 2019 & 2020	Carnegie Class.	Carnegie Class 2	NSSE 2019 & 2020	Carnegie Class.	Carnegie Class 2	NSSE 2019 & 2020
7 a. wrshortnum	604	6.38	6.23	6.03	6.49	.221	.032	.066	.012	5.44	5.51	5.27	5.69	30,794	7,024	606	.484	.114	.650	.03	.07	-.02
b. wrmednum	604	2.93	2.36	2.41	2.31	.175	.020	.045	.007	4.31	3.48	3.63	3.40	619	686	605	.001	.005	.000	.16	.14	.18
c. wrlongnum	602	1.50	1.04	1.15	.99	.165	.018	.042	.006	4.06	3.09	3.33	2.94	615	679	603	.007	.044	.003	.15	.10	.17
— wrpages	601	64.99	52.66	53.98	52.43	4.051	.442	1.019	.161	99.28	76.50	81.34	73.64	614	678	601	.003	.009	.002	.16	.13	.17
8 a. DDrace	601	2.93	2.97	3.06	3.04	.038	.005	.011	.002	.93	.94	.89	.91	30,624	7,006	209,584	.247	.001	.002	-.05	-.14	-.13
b. DDeconomic	598	2.89	2.94	2.94	3.03	.036	.005	.011	.002	.89	.92	.91	.88	30,487	6,967	209,000	.151	.194	.000	-.06	-.06	-.16
c. DDreligion	595	2.74	2.85	2.82	2.94	.039	.006	.012	.002	.95	.96	.97	.94	30,508	6,977	597	.005	.050	.000	-.12	-.08	-.21
d. DDpolitical	596	2.64	2.81	2.66	2.89	.038	.006	.012	.002	.94	.97	.98	.94	30,534	721	209,105	.000	.602	.000	-.18	-.02	-.27
9 a. LSreading	596	2.87	3.00	2.95	3.00	.031	.004	.009	.002	.77	.77	.75	.77	619	6,946	599	.000	.013	.000	-.17	-.11	-.17
b. LSnotes	593	2.85	2.93	2.89	2.91	.035	.005	.011	.002	.86	.87	.86	.88	30,196	6,925	207,324	.015	.222	.071	-.10	-.05	-.07
c. LSsummary	594	2.70	2.85	2.76	2.83	.036	.005	.011	.002	.87	.87	.88	.87	30,194	6,922	207,346	.000	.120	.000	-.17	-.07	-.15
10. challenge	586	5.16	5.40	5.29	5.42	.053	.007	.015	.003	1.29	1.25	1.22	1.24	29,993	6,881	206,012	.000	.014	.000	-.19	-.11	-.21
11 a. intern ^l	585	.048	.065	.056	.073	.0088	.0014	.0029	.0006	--	--	--	--	--	--	--	.094	.373	.017	-.07	-.04	-.11
b. leader ^l	583	.068	.083	.056	.103	.0104	.0016	.0029	.0007	--	--	--	--	--	--	--	.188	.257	.005	-.06	.05	-.13
c. learncom ^l	576	.085	.102	.088	.127	.0116	.0018	.0036	.0007	--	--	--	--	--	--	--	.187	.795	.002	-.06	-.01	-.14
d. abroad ^l	578	.029	.023	.019	.028	.0070	.0009	.0017	.0004	--	--	--	--	--	--	--	.295	.077	.850	.04	.07	.01
e. research ^l	577	.030	.040	.030	.047	.0071	.0011	.0022	.0005	--	--	--	--	--	--	--	.237	.965	.058	-.05	.00	-.09
f. capstone ^l	580	.040	.019	.018	.020	.0082	.0008	.0017	.0003	--	--	--	--	--	--	--	.000	.000	.000	.13	.14	.12
12. servcourse	576	1.75	1.66	1.71	1.64	.032	.004	.009	.002	.76	.71	.73	.71	29,467	6,756	202,950	.005	.280	.000	.12	.05	.16
13 a. QIstudent	568	5.21	5.41	5.38	5.45	.062	.008	.018	.003	1.47	1.40	1.37	1.36	28,106	6,670	199,422	.001	.005	.000	-.14	-.12	-.18
b. QIadvisor	540	4.90	5.38	5.21	5.38	.071	.010	.021	.004	1.64	1.60	1.60	1.58	28,694	6,454	198,051	.000	.000	.000	-.30	-.19	-.30
c. QIfaculty	558	4.92	5.42	5.15	5.41	.065	.008	.020	.003	1.53	1.42	1.53	1.37	28,912	6,566	199,802	.000	.001	.000	-.35	-.15	-.36
d. QIstaff	504	4.86	5.22	5.01	5.19	.075	.010	.024	.004	1.68	1.62	1.71	1.58	25,661	5,754	181,187	.000	.053	.000	-.22	-.09	-.21
e. QIadmin	526	4.81	5.19	5.03	5.16	.073	.010	.022	.004	1.68	1.62	1.66	1.59	27,175	6,112	186,923	.000	.004	.000	-.24	-.13	-.22
14 a. empstudy	572	3.01	3.06	3.05	3.08	.033	.004	.010	.002	.79	.76	.76	.75	29,195	6,688	201,402	.107	.178	.018	-.07	-.06	-.10
b. SEacademic	570	2.86	3.05	3.00	3.04	.035	.005	.011	.002	.83	.84	.82	.83	29,112	677	200,800	.000	.000	.000	-.22	-.17	-.22
c. SElearnsup	575	2.89	3.11	3.04	3.10	.038	.005	.012	.002	.91	.89	.91	.88	29,104	6,663	200,684	.000	.000	.000	-.25	-.17	-.24
d. SEdiverse	571	2.75	2.76	2.84	2.77	.038	.006	.012	.002	.91	.96	.93	.95	596	6,654	573	.816	.025	.631	-.01	-.10	-.02
e. SEsocial	571	2.79	2.91	2.90	2.96	.037	.005	.012	.002	.88	.91	.91	.88	28,952	6,632	199,955	.002	.008	.000	-.13	-.12	-.19
f. SEwellness	570	2.80	2.92	2.95	2.92	.038	.005	.012	.002	.91	.91	.92	.90	28,919	6,621	199,591	.002	.000	.002	-.13	-.16	-.13

NSSE 2020 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		
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g. SEnonacad	568	2.40	2.42	2.48	2.35	.041	.006	.013	.002	.97	.99	.98	.97	28,888	6,623	199,554	.799	.102	.159	-.01	-.07	.06
h. SEactivities	568	2.52	2.66	2.60	2.79	.041	.006	.013	.002	.97	1.00	.99	.94	28,841	6,614	570	.001	.077	.000	-.14	-.08	-.29
i. SEevents	567	2.33	2.42	2.43	2.47	.041	.006	.013	.002	.99	.99	.99	.96	28,826	6,603	199,258	.040	.022	.001	-.09	-.10	-.14
15 a. SBmyself	569	3.12	3.26	3.20	3.26	.028	.004	.008	.002	.67	.69	.66	.69	592	676	574	.000	.012	.000	-.19	-.11	-.20
b. SBvalued	569	2.82	3.03	2.98	3.01	.031	.004	.009	.002	.73	.73	.67	.74	591	661	574	.000	.000	.000	-.29	-.23	-.25
c. SBcommunity	572	2.82	3.01	2.93	3.02	.030	.005	.009	.002	.72	.77	.73	.77	28,853	6,606	112,507	.000	.001	.000	-.24	-.15	-.25
16 a. tmprephrs	571	13.72	13.49	12.76	14.41	.334	.047	.102	.018	7.99	7.87	7.89	8.15	28,753	6,590	198,447	.490	.006	.042	.03	.12	-.09
b. tmcocurrhrs	567	4.70	4.95	3.70	5.61	.282	.041	.077	.016	6.71	6.89	5.95	7.04	28,660	653	197,868	.388	.001	.002	-.04	.17	-.13
c. tmworkonhrs	568	2.48	2.01	1.48	2.42	.273	.032	.062	.013	6.50	5.38	4.79	5.76	583	627	197,966	.094	.000	.827	.09	.20	.01
d. tmworkoffhrs	566	7.83	7.51	6.60	5.91	.423	.067	.126	.023	10.05	11.25	9.79	10.11	594	670	568	.450	.005	.000	.03	.13	.19
— tmworkhrs	561	10.18	9.48	8.06	8.30	.546	.075	.144	.026	12.93	12.47	11.15	11.68	28,533	640	562	.190	.000	.001	.06	.19	.16
e. tmervicehrs	569	3.27	2.49	2.22	2.51	.273	.030	.062	.011	6.51	5.01	4.81	4.89	581	628	570	.005	.000	.006	.15	.21	.15
f. tmrelaxhrs	570	11.88	12.16	12.00	12.55	.366	.052	.114	.019	8.73	8.67	8.83	8.61	28,676	6,578	198,030	.445	.756	.063	-.03	-.01	-.08
g. tmcarehrs	568	4.14	4.31	3.79	3.07	.307	.053	.091	.017	7.31	8.86	7.07	7.55	601	6,564	570	.593	.257	.001	-.02	.05	.14
h. tmcommutehrs	570	7.15	4.50	6.81	4.09	.325	.040	.095	.014	7.75	6.75	7.37	6.34	586	6,577	571	.000	.292	.000	.39	.05	.48
17. reading	571	2.75	2.84	2.85	2.71	.044	.006	.014	.002	1.06	1.09	1.06	1.09	28,632	6,564	197,708	.053	.030	.449	-.08	-.10	.03
— tmreadinghrs	569	6.12	6.51	6.14	6.46	.230	.034	.072	.013	5.49	5.75	5.54	5.70	28,529	6,542	196,858	.105	.930	.149	-.07	.00	-.06
18 a. pgwrite	571	2.86	2.87	2.88	2.80	.032	.005	.010	.002	.77	.85	.80	.87	598	6,545	574	.747	.510	.080	-.01	-.03	.07
b. pgspeak	568	2.77	2.79	2.94	2.68	.034	.005	.011	.002	.81	.89	.82	.92	596	6,542	572	.499	.000	.013	-.03	-.20	.09
c. pgthink	564	3.03	3.09	3.11	3.08	.032	.005	.010	.002	.76	.80	.77	.80	589	680	567	.071	.019	.118	-.07	-.10	-.06
d. pganalyze	567	2.82	2.69	2.73	2.68	.035	.006	.012	.002	.84	.94	.90	.94	595	693	570	.000	.014	.000	.14	.10	.16
e. pgwork	565	2.52	2.64	2.48	2.63	.039	.006	.012	.002	.92	.96	.95	.95	28,463	6,527	196,792	.005	.304	.008	-.12	.05	-.11
f. pgothers	564	2.88	2.87	2.92	2.86	.035	.005	.011	.002	.83	.88	.86	.88	589	6,534	567	.875	.267	.548	.01	-.05	.02
g. pgvalues	567	2.68	2.75	2.72	2.72	.037	.006	.012	.002	.87	.93	.91	.94	592	6,535	570	.064	.261	.228	-.07	-.05	-.05
h. pgdiverse	565	2.82	2.84	2.93	2.81	.037	.006	.012	.002	.87	.93	.90	.93	591	6,547	568	.610	.005	.841	-.02	-.12	.01
i. pgprobsolve	566	2.66	2.67	2.65	2.66	.038	.006	.012	.002	.89	.94	.93	.93	28,498	6,545	196,758	.681	.943	.896	-.02	.00	-.01
j. pgcitizen	563	2.63	2.68	2.69	2.66	.038	.006	.012	.002	.91	.94	.92	.94	28,552	6,553	196,971	.245	.148	.495	-.05	-.06	-.03
19. evalexp	567	2.93	3.14	3.06	3.18	.031	.004	.009	.002	.73	.74	.72	.74	590	6,578	570	.000	.000	.000	-.29	-.18	-.34
20. sameinst	571	3.04	3.18	3.11	3.21	.033	.005	.010	.002	.80	.81	.77	.80	594	6,619	574	.000	.036	.000	-.17	-.09	-.21
21. returnexp ^l	568	.895	.871	.898	.879	.0129	.0020	.0039	.0007	--	--	--	--	--	--	--	.085	.841	.225	.08	-.01	.05

IPEDS: 110529

NSSE 2020 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 ^j			Significance ^k			Effect size ^e		
	Cal Poly Pomona	Cal Poly Pomona	Carnegie Class.	Carnegie Class 2	NSSE 2019 & 2020	Cal Poly Pomona	Carnegie Class.	Carnegie Class 2	NSSE 2019 & 2020	Cal Poly Pomona	Carnegie Class.	Carnegie Class 2	NSSE 2019 & 2020	Comparisons with: Carnegie Class.	Comparisons with: Carnegie Class 2	Comparisons with: NSSE 2019 & 2020	Comparisons with: Carnegie Class.	Comparisons with: Carnegie Class 2	Comparisons with: NSSE 2019 & 2020	Comparisons with: Carnegie Class.	Comparisons with: Carnegie Class 2	Comparisons with: NSSE 2019 & 2020
1 a. askquest	1,039	2.80	2.98	2.91	3.06	.028	.004	.008	.002	.89	.90	.89	.88	54,882	13,894	1,045	.000	.000	.000	-.19	-.11	-.29
b. unpreparedr	1,041	2.81	3.10	2.94	3.02	.026	.003	.007	.001	.84	.81	.78	.82	1,078	1,194	1,046	.000	.000	.000	-.35	-.17	-.25
c. attendart	1,036	1.70	1.65	1.64	1.75	.026	.004	.007	.002	.84	.85	.82	.89	54,493	13,818	1,043	.046	.013	.116	.06	.08	-.05
d. CLaskhelp	1,039	2.75	2.31	2.55	2.42	.028	.004	.008	.002	.90	.94	.88	.93	54,498	13,824	324,643	.000	.000	.000	.47	.23	.35
e. CLexplain	1,037	2.92	2.56	2.79	2.70	.026	.004	.007	.002	.83	.94	.82	.90	1,088	13,799	1,044	.000	.000	.000	.38	.17	.25
f. CLstudy	1,035	2.74	2.35	2.58	2.46	.029	.004	.009	.002	.94	1.03	.96	1.02	1,082	1,217	1,042	.000	.000	.000	.39	.17	.28
g. CLproject	1,036	3.19	2.66	3.03	2.81	.024	.004	.008	.002	.78	1.02	.85	.95	1,106	13,681	1,045	.000	.000	.000	.52	.20	.40
h. present	1,031	3.03	2.61	2.87	2.67	.028	.004	.008	.002	.89	1.02	.93	.98	1,084	1,222	1,038	.000	.000	.000	.41	.18	.37
2 a. RIntegrate	1,026	3.02	2.88	2.97	2.91	.026	.004	.007	.002	.84	.86	.83	.85	1,067	13,570	317,729	.000	.043	.000	.17	.07	.13
b. RIsocietal	1,019	2.68	2.80	2.85	2.78	.028	.004	.008	.002	.89	.90	.89	.91	52,996	13,504	316,187	.000	.000	.001	-.13	-.18	-.11
c. RIdiverse	1,018	2.48	2.62	2.69	2.62	.030	.004	.009	.002	.97	.96	.96	.96	52,622	13,444	313,955	.000	.000	.000	-.15	-.22	-.14
d. Rlownview	1,008	2.78	2.84	2.85	2.85	.027	.004	.007	.001	.86	.83	.83	.83	1,044	1,165	1,013	.019	.017	.013	-.08	-.08	-.08
e. Rlperspect	999	2.94	2.98	3.03	2.98	.027	.004	.007	.001	.85	.80	.79	.80	1,034	1,146	1,004	.152	.001	.085	-.05	-.12	-.06
f. Rlnewview	992	2.96	2.97	3.01	2.97	.026	.004	.007	.001	.81	.79	.78	.79	50,940	1,148	304,697	.812	.089	.748	-.01	-.06	-.01
g. Rlconnect	984	3.13	3.20	3.20	3.19	.024	.003	.007	.001	.76	.72	.72	.73	50,430	12,936	301,935	.007	.007	.010	-.09	-.09	-.08
3 a. SFcareer	980	2.37	2.46	2.38	2.45	.032	.004	.009	.002	1.00	.99	.97	.99	50,429	12,914	301,840	.005	.601	.006	-.09	-.02	-.09
b. SFotherwork	982	2.11	1.89	1.85	1.96	.034	.005	.009	.002	1.06	1.01	.99	1.02	1,017	1,125	987	.000	.000	.000	.22	.26	.15
c. SFdiscuss	976	2.23	2.13	2.08	2.16	.032	.004	.009	.002	.99	.97	.95	.96	1,013	1,129	981	.001	.000	.014	.11	.16	.08
d. SFperform	978	2.25	2.30	2.20	2.22	.031	.004	.008	.002	.97	.94	.92	.93	49,842	1,126	983	.110	.109	.256	-.05	.06	.04
4 a. memorize	971	2.89	2.76	2.86	2.76	.027	.004	.008	.002	.83	.87	.86	.88	1,013	12,738	977	.000	.330	.000	.15	.03	.15
b. HOapply	964	3.06	3.07	3.05	3.07	.026	.004	.007	.001	.80	.79	.81	.79	49,309	12,673	295,342	.731	.616	.757	-.01	.02	-.01
c. HOanalyze	962	3.00	3.04	3.06	3.03	.027	.004	.007	.002	.83	.81	.81	.81	48,838	12,560	292,837	.123	.046	.242	-.05	-.07	-.04
d. HOevaluate	956	2.89	2.99	3.00	2.94	.028	.004	.008	.002	.87	.82	.83	.85	990	1,103	961	.000	.000	.045	-.12	-.14	-.07
e. HOform	959	2.91	2.99	3.00	2.96	.027	.004	.008	.002	.84	.80	.82	.82	993	1,112	964	.005	.003	.065	-.10	-.10	-.06
5 a. ETgoals	950	3.06	3.17	3.18	3.15	.026	.004	.007	.001	.82	.79	.78	.78	48,088	12,394	288,550	.000	.000	.001	-.13	-.15	-.11
b. ETorganize	948	2.93	3.06	3.05	3.06	.027	.004	.008	.002	.83	.85	.84	.83	47,928	12,356	287,809	.000	.000	.000	-.15	-.14	-.16
c. ETexample	948	3.08	3.10	3.14	3.10	.027	.004	.008	.002	.83	.84	.81	.83	47,871	12,338	287,417	.408	.034	.390	-.03	-.07	-.03
d. ETdraftfb	939	2.71	2.85	2.86	2.79	.030	.004	.009	.002	.91	.95	.92	.96	47,768	12,301	945	.000	.000	.007	-.15	-.16	-.08
e. ETfeedback	944	2.70	2.88	2.81	2.83	.029	.004	.009	.002	.90	.91	.91	.91	47,690	12,296	286,160	.000	.000	.000	-.19	-.12	-.14
6 a. QRconclude	934	2.81	2.64	2.61	2.65	.029	.004	.008	.002	.87	.90	.90	.91	974	1,105	939	.000	.000	.000	.19	.23	.17
b. QRproblem	928	2.52	2.46	2.44	2.44	.031	.004	.009	.002	.95	.95	.96	.96	46,924	12,106	281,795	.076	.017	.015	.06	.08	.08
c. QRevaluate	927	2.58	2.43	2.45	2.44	.030	.004	.009	.002	.91	.93	.92	.92	46,750	12,047	280,946	.000	.000	.000	.17	.15	.16

NSSE 2020 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 ^j			Significance ^k			Effect size ^e		
	Cal Poly Pomona	Cal Poly Pomona	Carnegie Class.	Carnegie Class 2	NSSE 2019 & 2020	Cal Poly Pomona	Carnegie Class.	Carnegie Class 2	NSSE 2019 & 2020	Cal Poly Pomona	Carnegie Class.	Carnegie Class 2	NSSE 2019 & 2020	Comparisons with: Carnegie Class.	Comparisons with: Carnegie Class 2	Comparisons with: NSSE 2019 & 2020	Comparisons with: Carnegie Class.	Comparisons with: Carnegie Class 2	Comparisons with: NSSE 2019 & 2020	Comparisons with: Carnegie Class.	Comparisons with: Carnegie Class 2	Comparisons with: NSSE 2019 & 2020
7 a. wrshortnum	928	8.19	7.70	7.96	7.69	.230	.031	.063	.013	7.01	6.57	6.60	6.69	960	1,069	932	.038	.347	.032	.07	.03	.07
b. wrmednum	927	4.49	4.05	4.23	3.67	.187	.022	.046	.009	5.70	4.76	4.84	4.58	953	1,041	930	.018	.170	.000	.09	.05	.18
c. wrlongnum	928	2.96	2.26	2.45	2.02	.172	.019	.042	.007	5.25	4.08	4.38	3.87	950	1,038	930	.000	.004	.000	.17	.12	.24
— wrpages	920	104.05	88.97	94.12	82.26	4.298	.486	1.037	.188	130.33	103.38	108.68	98.80	942	1,028	922	.001	.025	.000	.15	.09	.22
8 a. DDrace	928	3.24	3.03	3.23	3.08	.029	.004	.008	.002	.88	.95	.87	.92	46,479	12,017	279,330	.000	.825	.000	.22	.01	.17
b. DDeconomic	926	3.18	2.99	3.09	3.06	.028	.004	.008	.002	.86	.92	.89	.88	46,320	11,970	278,616	.000	.003	.000	.21	.10	.14
c. DDreligion	925	3.05	2.89	2.97	2.97	.031	.005	.009	.002	.94	.96	.95	.93	46,341	11,985	278,658	.000	.016	.010	.16	.08	.08
d. DDpolitical	929	2.88	2.84	2.79	2.92	.031	.005	.009	.002	.94	.96	.96	.94	46,376	1,097	278,814	.200	.005	.144	.04	.09	-.05
9 a. LSreading	920	2.96	3.12	3.08	3.09	.027	.004	.007	.002	.83	.78	.78	.80	46,128	11,911	277,444	.000	.000	.000	-.20	-.15	-.16
b. LSnotes	921	2.80	2.90	2.87	2.85	.030	.004	.009	.002	.92	.92	.90	.93	46,055	11,897	277,166	.001	.034	.143	-.11	-.07	-.05
c. LSsummary	917	2.72	2.89	2.80	2.85	.030	.004	.009	.002	.91	.89	.90	.90	952	11,898	922	.000	.008	.000	-.19	-.09	-.14
10. challenge	910	5.32	5.63	5.58	5.56	.044	.006	.012	.002	1.32	1.29	1.29	1.30	45,790	11,839	275,510	.000	.000	.000	-.24	-.20	-.18
11 a. intern ^l	910	.440	.427	.392	.481	.0165	.0023	.0047	.0010	--	--	--	--	--	--	--	.441	.005	.014	.03	.10	-.08
b. leader ^l	904	.369	.263	.215	.343	.0161	.0021	.0039	.0009	--	--	--	--	--	--	--	.000	.000	.100	.23	.34	.05
c. learncom ^l	907	.193	.192	.181	.224	.0131	.0019	.0037	.0008	--	--	--	--	--	--	--	.949	.354	.024	.00	.03	-.08
d. abroad ^l	907	.064	.091	.061	.140	.0081	.0014	.0023	.0007	--	--	--	--	--	--	--	.004	.761	.000	-.10	.01	-.25
e. research ^l	904	.270	.180	.143	.227	.0148	.0018	.0034	.0008	--	--	--	--	--	--	--	.000	.000	.002	.22	.32	.10
f. capstone ^l	903	.469	.433	.402	.444	.0166	.0024	.0047	.0010	--	--	--	--	--	--	--	.032	.000	.132	.07	.13	.05
12. servcourse	903	1.76	1.80	1.86	1.75	.025	.003	.007	.001	.75	.73	.75	.72	937	1,061	272,757	.148	.000	.682	-.05	-.14	.01
13 a. QIstudent	883	5.59	5.60	5.64	5.60	.044	.007	.013	.003	1.32	1.38	1.33	1.33	924	11,570	265,335	.816	.284	.776	-.01	-.04	-.01
b. QIadvisor	872	4.85	5.41	5.21	5.29	.059	.008	.016	.003	1.75	1.71	1.69	1.74	44,268	11,347	268,361	.000	.000	.000	-.33	-.22	-.26
c. QIfaculty	882	5.10	5.62	5.45	5.54	.050	.007	.014	.003	1.49	1.40	1.44	1.38	44,492	11,522	269,643	.000	.000	.000	-.37	-.24	-.32
d. QIstaff	754	4.65	5.13	5.00	5.02	.064	.009	.019	.004	1.75	1.73	1.73	1.70	35,919	9,464	757	.000	.000	.000	-.28	-.20	-.21
e. QIadmin	844	4.46	5.17	5.04	5.02	.062	.008	.017	.003	1.80	1.69	1.67	1.70	874	970	848	.000	.000	.000	-.42	-.34	-.33
14 a. empstudy	895	3.13	3.12	3.12	3.11	.026	.004	.007	.001	.78	.77	.77	.77	44,890	11,590	271,432	.645	.684	.506	.02	.01	.02
b. SEacademic	894	2.82	2.97	2.91	2.93	.030	.004	.008	.002	.90	.88	.87	.86	928	1,038	898	.000	.003	.000	-.17	-.11	-.13
c. SElearnsup	896	2.68	2.91	2.80	2.86	.032	.005	.009	.002	.97	.95	.97	.94	931	11,559	901	.000	.000	.000	-.24	-.12	-.19
d. SEdiverse	894	2.67	2.61	2.75	2.63	.033	.005	.010	.002	.99	1.02	.99	1.00	932	11,534	270,130	.075	.020	.174	.06	-.08	.05
e. SEsocial	896	2.74	2.73	2.80	2.81	.031	.005	.009	.002	.92	.97	.93	.93	936	11,523	269,875	.688	.073	.030	.01	-.06	-.07
f. SEwellness	893	2.67	2.72	2.82	2.72	.032	.005	.009	.002	.95	.98	.96	.97	44,546	11,512	269,534	.144	.000	.145	-.05	-.15	-.05

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Seniors

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g. SEnonacad	891	2.15	2.18	2.19	2.11	.033	.005	.010	.002	.99	1.01	1.00	.99	44,474	11,497	269,247	.479	.322	.180	-.02	-.03	.04
h. SEactivities	892	2.37	2.34	2.41	2.54	.033	.005	.010	.002	.98	1.04	.99	1.00	932	11,494	897	.255	.264	.000	.04	-.04	-.16
i. SEevents	893	2.17	2.22	2.31	2.30	.032	.005	.009	.002	.96	.99	.98	.97	931	1,054	898	.136	.000	.000	-.05	-.14	-.13
15 a. SBmyself	896	3.17	3.35	3.29	3.32	.025	.003	.007	.002	.76	.70	.71	.71	44,449	11,496	157,935	.000	.000	.000	-.25	-.17	-.21
b. SBvalued	896	2.73	3.01	2.92	2.93	.029	.004	.008	.002	.86	.82	.79	.85	929	1,029	905	.000	.000	.000	-.34	-.23	-.24
c. SBcommunity	897	2.81	2.98	2.91	2.96	.027	.004	.008	.002	.82	.82	.80	.83	934	1,045	907	.000	.000	.000	-.21	-.13	-.19
16 a. tmpprehrs	895	15.12	14.47	14.42	14.95	.290	.041	.084	.017	8.66	8.47	8.60	8.76	44,287	11,440	268,331	.023	.020	.558	.08	.08	.02
b. tmcocurrhrs	893	6.38	4.15	3.96	4.96	.261	.033	.064	.014	7.79	6.89	6.60	7.18	921	1,003	897	.000	.000	.000	.32	.36	.20
c. tmworkonhrs	889	4.89	2.73	2.41	3.63	.275	.031	.059	.014	8.21	6.39	6.04	7.13	910	970	892	.000	.000	.000	.34	.40	.18
d. tmworkoffhrs	893	11.63	15.71	15.04	13.03	.393	.066	.124	.026	11.76	13.72	12.73	13.40	943	1,078	900	.000	.000	.000	-.30	-.27	-.10
— tmworkhrs	887	16.43	18.43	17.43	16.65	.451	.066	.127	.026	13.43	13.68	13.01	13.47	924	11,370	892	.000	.028	.620	-.15	-.08	-.02
e. tmservechrs	891	3.49	3.31	3.53	3.27	.213	.028	.060	.011	6.36	5.88	6.20	5.71	921	11,423	894	.419	.830	.316	.03	-.01	.04
f. tmrelaxhrs	892	12.14	10.48	10.88	10.93	.296	.039	.082	.016	8.84	8.20	8.38	8.22	923	11,439	896	.000	.000	.000	.20	.15	.15
g. tmcarehrs	887	4.39	8.00	6.17	6.27	.287	.059	.102	.022	8.54	12.17	10.44	11.20	961	1,122	896	.000	.000	.000	-.30	-.17	-.17
h. tmcommutehrs	888	8.35	5.18	7.41	5.00	.254	.033	.070	.012	7.57	6.80	7.20	6.42	916	11,434	891	.000	.000	.000	.46	.13	.52
17. reading	889	2.54	2.95	2.97	2.81	.038	.006	.011	.002	1.14	1.16	1.17	1.18	44,112	11,414	267,539	.000	.000	.000	-.36	-.37	-.23
— tmreadinghrs	888	6.25	7.41	7.38	7.07	.204	.031	.064	.012	6.07	6.47	6.51	6.31	929	1,067	893	.000	.000	.000	-.18	-.17	-.13
18 a. pgwrite	889	2.90	3.05	3.07	3.01	.030	.004	.008	.002	.89	.87	.84	.88	44,101	1,025	266,906	.000	.000	.000	-.18	-.20	-.13
b. pgspeak	888	2.93	2.94	3.00	2.93	.030	.004	.009	.002	.90	.92	.87	.93	44,019	1,032	266,867	.841	.040	.886	-.01	-.07	.00
c. pgthink	888	3.23	3.30	3.30	3.31	.028	.004	.008	.002	.83	.78	.77	.78	919	1,020	892	.012	.012	.004	-.09	-.09	-.10
d. pganalyze	887	3.11	2.90	2.91	2.90	.030	.005	.009	.002	.88	.95	.95	.97	929	1,066	893	.000	.000	.000	.21	.20	.21
e. pgwork	890	2.90	2.98	2.85	2.95	.031	.005	.009	.002	.93	.95	.96	.96	44,046	1,054	266,934	.018	.078	.139	-.08	.06	-.05
f. pgothers	889	3.09	3.03	3.11	3.05	.029	.004	.008	.002	.87	.91	.85	.89	44,017	11,392	266,858	.027	.679	.182	.07	-.01	.04
g. pgvalues	888	2.88	2.89	2.91	2.86	.032	.005	.009	.002	.96	.96	.95	.98	44,010	11,390	266,702	.735	.305	.583	-.01	-.04	.02
h. pgdiverse	889	2.90	2.91	3.04	2.88	.033	.005	.009	.002	.98	.96	.92	.97	44,022	1,026	266,823	.784	.000	.615	-.01	-.16	.02
i. pgprobsolve	890	2.88	2.87	2.85	2.86	.031	.005	.009	.002	.93	.94	.94	.95	44,028	11,394	266,855	.731	.387	.464	.01	.03	.02
j. pgcitizen	888	2.63	2.76	2.78	2.73	.033	.005	.010	.002	.99	.99	.98	.99	44,094	11,405	267,130	.000	.000	.003	-.13	-.15	-.10
19. evalexp	887	2.99	3.25	3.17	3.24	.027	.004	.007	.001	.80	.77	.76	.77	919	1,024	891	.000	.000	.000	-.35	-.24	-.33
20. sameinst	891	3.03	3.25	3.19	3.23	.029	.004	.008	.002	.86	.84	.82	.85	925	11,476	896	.000	.000	.000	-.26	-.19	-.24

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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."