



NSSE 2020

Frequencies and Statistical Comparisons

San Francisco State University

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.



NSSE Frequencies and Statistical Comparisons

NSSEville State University

		Frequency Distributions ^a								Statistical Comparisons ^b							
		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State	Admissions Overlap	Carnegie UG Program	NSSE Cohort				
Item wording or description	Variable name ^c	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^d	Mean	Effect size ^d	Mean	Effect size ^d	
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	197	20	4,397	27	845	29	75,222	33						
		3	Often	112	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	3.3		3.0 ***	.27	3.0 ***	.35	2.9 ***	.43
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)																	
	QRproblem	1	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	83	3	67,348	29						
		4	Very often	113	19	2,722	20	52	2	47,208	21						
	Total	626	100	15,118	100	2,858	100	229,541	100	2.5		2.5	-.04	2.6 *	-.09	2.6	-.05
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	3.1		3.1	.02	3.1	-.04	3.0	.06

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

8. Key to symbols:

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

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

NSSE 2020 Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with															
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		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	31	3	557	5	767	4	9,187	4	2.7	2.6 ***	.16	2.7	.05	2.8 *	-.07	
		2	Sometimes	434	40	5,726	46	7,708	42	94,029	37								
		3	Often	398	37	4,190	33	6,243	34	89,859	35								
		4	Very often	213	20	2,026	16	3,333	19	62,242	24								
		Total		1,076	100	12,499	100	18,051	100	255,317	100								
b. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	48	5	640	5	827	5	12,170	5	3.0	3.0	.01	3.1	-.05	3.1 *	-.06	
		2	Often	124	12	1,613	13	2,131	12	29,197	12								
		3	Sometimes	646	60	7,063	56	10,077	56	139,992	55								
		4	Never	255	23	3,156	26	4,951	28	73,053	29								
		Total		1,073	100	12,472	100	17,986	100	254,412	100								
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	607	56	6,051	49	8,453	48	104,685	43	1.6	1.7 ***	-.14	1.7 ***	-.16	1.8 ***	-.26	
		2	Sometimes	331	31	4,408	35	6,401	34	94,113	36								
		3	Often	88	8	1,380	11	2,106	12	35,304	13								
		4	Very often	47	4	610	5	989	5	19,739	7								
		Total		1,073	100	12,449	100	17,949	100	253,841	100								
d. Asked another student to help you understand course material	CLaskhelp	1	Never	74	7	721	7	1,451	10	23,233	11	2.6	2.7	-.05	2.6 *	.07	2.6	.05	
		2	Sometimes	419	39	4,530	37	6,807	39	92,810	37								
		3	Often	393	37	4,697	37	6,554	35	90,384	34								
		4	Very often	186	17	2,484	19	3,117	16	47,037	18								
		Total		1,072	100	12,432	100	17,929	100	253,464	100								
e. Explained course material to one or more students	CLexplain	1	Never	65	6	531	5	910	6	15,369	7	2.7	2.7	-.06	2.6	.02	2.7	-.03	
		2	Sometimes	405	38	4,725	38	7,008	40	90,604	36								
		3	Often	427	40	4,866	39	6,961	38	99,539	38								
		4	Very often	172	16	2,288	18	2,990	16	47,250	19								
		Total		1,069	100	12,410	100	17,869	100	252,762	100								
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	183	17	1,666	15	2,859	18	36,944	16	2.5	2.5	-.06	2.4	.03	2.5 *	-.07	
		2	Sometimes	377	35	4,416	36	6,439	37	84,896	34								
		3	Often	339	32	4,061	32	5,591	30	80,010	31								
		4	Very often	164	15	2,218	17	2,909	15	49,550	19								
		Total		1,063	100	12,361	100	17,798	100	251,400	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

San Francisco State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with																	
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		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	43	4	612	5	1,300	9	20,993	10	2.8	2.7 *	.08	2.6 ***	.21	2.6 ***	.17			
		2	Sometimes	355	33	4,391	36	6,569	38	88,813	36								△	△	△
		3	Often	453	43	4,927	40	6,733	37	92,667	36										
		4	Very often	210	20	2,362	19	3,086	16	47,399	18										
		Total		1,061	100	12,292	100	17,688	100	249,872	100										
h. Given a course presentation	present	1	Never	113	11	1,330	11	3,012	18	47,491	20	2.6	2.6 *	.07	2.4 ***	.29	2.3 ***	.38			
		2	Sometimes	368	35	4,574	37	7,161	40	109,137	43								△	△	▲
		3	Often	382	36	4,420	35	5,305	29	64,869	25										
		4	Very often	196	18	1,969	16	2,200	12	28,021	11										
		Total		1,059	100	12,293	100	17,678	100	249,518	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	63	6	960	9	1,493	9	20,397	9	2.6	2.6 **	.08	2.5 ***	.12	2.6 **	.09			
		2	Sometimes	413	40	4,806	40	7,067	41	96,781	40								△	△	△
		3	Often	390	37	4,612	38	6,478	37	91,718	37										
		4	Very often	179	17	1,745	14	2,379	13	36,906	15										
		Total		1,045	100	12,123	100	17,417	100	245,802	100										
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	59	6	1,155	10	1,788	11	22,625	10	2.8	2.6 ***	.27	2.5 ***	.30	2.6 ***	.27			
		2	Sometimes	326	32	4,607	39	6,715	39	94,109	39								△	△	△
		3	Often	403	38	4,424	36	6,191	35	87,735	35										
		4	Very often	251	24	1,874	15	2,578	15	39,407	16										
		Total		1,039	100	12,060	100	17,272	100	243,876	100										
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	52	5	1,219	11	1,957	12	25,230	12	2.9	2.6 ***	.34	2.5 ***	.37	2.6 ***	.35			
		2	Sometimes	290	29	4,447	37	6,450	37	90,517	38								▲	▲	▲
		3	Often	405	39	4,235	35	5,903	34	84,031	34										
		4	Very often	288	27	2,059	17	2,794	16	41,902	17										
		Total		1,035	100	11,960	100	17,104	100	241,680	100										
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	31	3	530	5	847	5	10,869	5	2.9	2.8 ***	.17	2.7 ***	.19	2.8 ***	.14			
		2	Sometimes	273	26	3,914	33	5,697	34	76,010	32								△	△	△
		3	Often	493	48	5,236	43	7,516	44	107,704	44										
		4	Very often	225	22	2,164	18	2,852	17	44,480	19										
		Total		1,022	100	11,844	100	16,912	100	239,063	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

San Francisco State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with															
				SF State	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	SF State	CSU Campuses	Carnegie 10k+ Public	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	19	2	282	3	475	3	6,277	3	3.0	2.9 ***	.12	2.9 ***	.17	2.9 ***	.14	
		2	Sometimes	216	21	2,821	25	4,312	26	61,249	26								
		3	Often	479	48	5,690	48	8,002	47	110,323	46								
		4	Very often	295	29	2,911	24	3,867	23	57,833	24								
		Total		1,009	100	11,704	100	16,656	100	235,682	100								
f. Learned something that changed the way you understand an issue or concept	Rnewview	1	Never	22	2	266	3	466	3	6,251	3	2.9	2.9 *	.08	2.8 ***	.12	2.9 **	.10	
		2	Sometimes	267	27	3,227	29	4,833	30	68,597	30								
		3	Often	443	45	5,513	47	7,674	46	106,093	45								
		4	Very often	260	26	2,555	22	3,460	21	51,393	22								
		Total		992	100	11,561	100	16,433	100	232,334	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	16	2	152	2	262	2	2,984	2	3.1	3.0 ***	.12	3.0 ***	.13	3.0	.06	
		2	Sometimes	175	18	2,584	23	3,679	23	47,395	21								
		3	Often	494	50	5,734	50	8,177	50	115,123	50								
		4	Very often	296	30	2,983	25	4,118	25	64,070	28								
		Total		981	100	11,453	100	16,236	100	229,572	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	233	24	2,834	24	3,738	24	41,817	19	2.2	2.2	.04	2.2	.02	2.3 **	-0.10	
		2	Sometimes	410	42	4,885	43	6,962	43	98,312	43								
		3	Often	208	21	2,475	22	3,656	22	57,694	25								
		4	Very often	134	13	1,265	11	1,872	11	31,646	14								
		Total		985	100	11,459	100	16,228	100	229,469	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	526	54	6,198	54	8,733	54	107,131	48	1.7	1.7	.03	1.7	.02	1.8 *	-0.08	
		2	Sometimes	256	27	3,187	28	4,478	28	72,537	31								
		3	Often	123	13	1,425	13	2,047	13	33,079	14								
		4	Very often	68	7	606	6	899	6	15,556	7								
		Total		973	100	11,416	100	16,157	100	228,303	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	339	35	4,399	38	5,927	37	69,898	32	2.0	1.9	.05	1.9	.04	2.0 *	-0.07	
		2	Sometimes	398	41	4,402	39	6,391	40	96,009	42								
		3	Often	160	17	1,826	16	2,707	17	42,982	19								
		4	Very often	68	7	700	6	976	6	17,301	8								
		Total		965	100	11,327	100	16,001	100	226,190	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

San Francisco State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with															
				SF State	CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State	CSU Campuses	Carnegie 10k+ Public		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	253	26	3,436	30	4,726	29	54,524	25	2.1	2.0	.06	2.0 *	.07	2.1	-.04	
		2	Sometimes	445	46	4,829	43	6,940	44	102,330	45								
		3	Often	185	19	2,221	20	3,166	20	49,319	22								
		4	Very often	86	9	830	7	1,151	7	19,866	9								
		Total		969	100	11,316	100	15,983	100	226,039	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	42	4	326	3	471	3	7,990	4	2.8	2.9 ***	-.22	2.9 ***	-.19	2.9 ***	-.18	
		2	Some	301	31	2,715	25	3,909	26	57,675	26								
		3	Quite a bit	455	47	5,240	46	7,441	47	102,587	46								
		4	Very much	162	17	2,961	26	4,049	24	56,293	25								
		Total		960	100	11,242	100	15,870	100	224,545	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	29	3	500	5	674	5	7,525	4	2.8	2.8	.00	2.8	-.01	2.9 ***	-.13	
		2	Some	299	32	3,265	29	4,522	29	56,806	26								
		3	Quite a bit	442	47	5,148	46	7,303	46	104,811	46								
		4	Very much	182	19	2,269	20	3,280	20	54,115	24								
		Total		952	100	11,182	100	15,779	100	223,257	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	31	3	441	4	618	4	7,746	4	2.9	2.9 ***	.11	2.9 ***	.12	2.9	.05	
		2	Some	231	25	3,127	29	4,461	29	58,404	27								
		3	Quite a bit	431	46	5,023	45	6,985	45	99,714	45								
		4	Very much	246	26	2,489	22	3,520	22	55,140	25								
		Total		939	100	11,080	100	15,584	100	221,004	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	22	3	351	3	578	4	8,016	4	3.0	2.9 ***	.12	2.9 ***	.15	2.9 ***	.14	
		2	Some	201	21	2,755	26	4,071	27	57,589	27								
		3	Quite a bit	456	49	5,245	47	7,268	47	100,779	45								
		4	Very much	259	27	2,694	24	3,603	23	53,392	24								
		Total		938	100	11,045	100	15,520	100	219,776	100								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	21	2	379	4	606	4	7,736	4	3.0	2.9 ***	.12	2.9 ***	.13	2.9 **	.10	
		2	Some	224	25	2,979	28	4,212	28	57,548	27								
		3	Quite a bit	449	48	5,151	47	7,227	46	101,662	46								
		4	Very much	243	26	2,485	22	3,389	22	51,874	23								
		Total		937	100	10,994	100	15,434	100	218,820	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

San Francisco State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Your first-year students compared with															
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020	
				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	16	2	238	2	328	2	4,383	2	3.1	3.0 **	.09	3.0 **	.09	3.1	.04	
		2	Some	173	19	2,436	23	3,370	22	44,490	21								
		3	Quite a bit	440	48	4,957	45	7,062	45	100,857	46								
		4	Very much	296	32	3,286	30	4,559	30	67,516	31								
		Total		925	100	10,917	100	15,319	100	217,246	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	47	5	544	5	694	5	8,528	4	2.9	2.9	-.04	2.9	-.05	3.0 **	-.11	
		2	Some	228	24	2,640	24	3,629	24	46,798	22								
		3	Quite a bit	417	45	4,703	43	6,800	44	99,393	45								
		4	Very much	232	25	2,984	28	4,131	27	61,860	29								
		Total		924	100	10,871	100	15,254	100	216,579	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	34	4	408	4	544	4	7,085	4	3.0	3.0	-.03	3.0	-.03	3.0 *	-.07	
		2	Some	221	24	2,520	24	3,510	24	47,267	22								
		3	Quite a bit	411	44	4,581	42	6,576	43	94,095	43								
		4	Very much	260	28	3,345	30	4,604	30	67,734	31								
		Total		926	100	10,854	100	15,234	100	216,181	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	43	5	683	6	1,052	8	15,591	8	2.9	2.9 **	.10	2.8 ***	.15	2.8 ***	.14	
		2	Some	247	27	3,129	29	4,489	29	62,926	29								
		3	Quite a bit	346	37	4,156	39	5,757	38	81,338	37								
		4	Very much	285	31	2,861	27	3,892	25	55,926	26								
		Total		921	100	10,829	100	15,190	100	215,781	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	81	9	923	8	1,320	9	18,045	9	2.8	2.7	.05	2.7	.06	2.7	.04	
		2	Some	296	32	3,566	33	4,926	32	68,562	32								
		3	Quite a bit	305	33	3,970	37	5,655	38	81,818	38								
		4	Very much	241	26	2,345	22	3,243	21	46,716	22								
		Total		923	100	10,804	100	15,144	100	215,141	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

San Francisco State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

			Your first-year students compared with														
			SF State	CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State	CSU Campuses		Carnegie 10k+ Public		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	71	8	1,079	10	1,621	11	23,342	10	2.6	2.6 *	.07	2.5 **	.10	2.6	.05
		2 Sometimes	355	39	4,215	39	5,908	39	79,558	37							
		3 Often	340	38	3,949	38	5,410	37	77,914	37							
		4 Very often	145	16	1,447	14	1,997	14	31,666	16							
		Total	911	100	10,690	100	14,936	100	212,480	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1 Never	135	15	1,959	18	2,947	20	41,679	19	2.5	2.3 ***	.14	2.3 ***	.18	2.3 ***	.15
		2 Sometimes	340	37	4,366	40	6,125	41	85,140	40							
		3 Often	304	34	3,139	30	4,264	29	60,670	29							
		4 Very often	127	14	1,172	11	1,513	10	23,772	12							
		Total	906	100	10,636	100	14,849	100	211,261	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1 Never	117	13	1,858	18	2,808	19	38,451	18	2.4	2.3 ***	.13	2.3 ***	.18	2.3 ***	.13
		2 Sometimes	388	42	4,474	42	6,382	43	88,602	42							
		3 Often	295	33	3,268	31	4,263	29	62,313	30							
		4 Very often	109	12	1,013	10	1,354	9	21,121	10							
		Total	909	100	10,613	100	14,807	100	210,487	100							
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																	
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0 None	47	5	515	5	877	6	12,526	6	6.5	6.2	.05	6.2	.04	6.5	-.01
		1.5 1-2	168	18	2,072	19	3,066	21	41,132	20							
		4 3-5	322	36	3,923	37	5,161	35	67,997	32							
		8 6-10	210	23	2,485	23	3,302	22	48,146	23							
		13 11-15	84	10	873	8	1,272	9	21,433	10							
		18 16-20	33	4	328	3	507	4	8,912	4							
		23 More than 20	38	4	381	4	553	4	9,926	5							
		Total	902	100	10,577	100	14,738	100	210,072	100							
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0 None	337	37	3,728	35	5,830	38	74,318	37	2.6	2.6	.00	2.3 *	.07	2.3 *	.08
		1.5 1-2	290	32	3,632	34	4,912	34	77,041	36							
		4 3-5	147	16	1,899	18	2,427	17	37,052	17							
		8 6-10	89	10	921	9	1,081	7	14,395	7							
		13 11-15	15	2	229	2	285	2	4,300	2							
		18 16-20	10	1	74	1	104	1	1,057	1							
		23 More than 20	8	1	74	1	87	1	1,275	1							
Total	896	100	10,557	100	14,726	100	209,438	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

San Francisco State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with															
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		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	677	75	8,179	76	11,532	77	159,156	76	1.4	1.2	.06	1.0 **	.11	1.0 **	.13	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	109	12	1,280	13	1,858	14	33,150	15								
		4	3-5	50	6	436	4	562	4	7,839	4								
		8	6-10	27	3	327	3	369	3	4,380	2								
		13	11-15	20	2	203	2	251	2	3,200	2								
		18	16-20	6	1	55	1	71	0	719	0								
		23	More than 20	11	1	77	1	82	1	1,139	1								
		Total		900	100	10,557	100	14,725	100	209,583	100								
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									60.1	56.4	.05	52.4 *	.10	52.4 *	.10	
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	27	3	451	4	756	5	9,684	5	3.2	3.1 ***	.16	3.0 ***	.26	3.0 ***	.20	
		2	Sometimes	162	18	2,396	23	3,769	26	51,197	24								
		3	Often	294	33	3,509	34	4,947	34	67,515	32								
		4	Very often	417	46	4,189	39	5,209	35	80,849	38								
			Total	900	100	10,545	100	14,681	100	209,245	100								
b. People from an economic background other than your own	DDeconomic	1	Never	26	3	571	5	790	6	9,158	5	3.1	3.0 ***	.15	2.9 ***	.17	3.0 *	.08	
		2	Sometimes	217	25	2,642	25	3,755	26	48,815	24								
		3	Often	289	32	3,822	36	5,466	37	76,286	36								
		4	Very often	362	40	3,474	33	4,626	31	74,480	35								
			Total	894	100	10,509	100	14,637	100	208,739	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	59	7	908	9	1,162	8	14,126	7	3.0	2.8 **	.11	2.9 **	.09	2.9	.02	
		2	Sometimes	246	28	2,950	28	4,109	28	56,143	27								
		3	Often	266	29	3,458	33	4,875	33	67,630	32								
		4	Very often	327	36	3,202	30	4,495	31	70,885	34								
			Total	898	100	10,518	100	14,641	100	208,784	100								
d. People with political views other than your own	DDpolitical	1	Never	114	13	1,098	11	1,314	9	14,499	7	2.6	2.7 ***	-.14	2.8 ***	-.23	2.9 ***	-.33	
		2	Sometimes	362	40	3,555	33	4,487	31	60,459	28								
		3	Often	212	24	3,174	30	4,781	33	67,907	32								
		4	Very often	209	23	2,699	26	4,077	28	66,001	32								
			Total	897	100	10,526	100	14,659	100	208,866	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

San Francisco State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020	
				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	13	2	208	2	284	2	3,876	2	3.0	2.9 **	.11	3.0 **	.09	3.0	.03	
		2	Sometimes	198	23	2,579	25	3,595	25	46,618	23								
		3	Often	427	48	5,146	50	7,089	49	99,290	47								
		4	Very often	253	28	2,524	23	3,575	24	57,720	27								
		Total		891	100	10,457	100	14,543	100	207,504	100								
b. Reviewed your notes after class	LSnotes	1	Never	38	5	432	5	585	5	9,040	5	2.9	2.9	.06	2.9	.04	2.9	.01	
		2	Sometimes	249	29	3,086	31	4,252	30	59,659	29								
		3	Often	328	37	3,927	37	5,464	38	75,285	36								
		4	Very often	273	30	3,001	27	4,236	28	63,302	30								
		Total		888	100	10,446	100	14,537	100	207,286	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	52	6	673	7	881	6	11,515	6	2.8	2.7 *	.07	2.8	.05	2.8	-.02	
		2	Sometimes	275	31	3,446	33	4,734	33	63,021	31								
		3	Often	338	38	3,947	38	5,537	39	80,444	39								
		4	Very often	222	24	2,376	22	3,375	22	52,325	25								
		Total		887	100	10,442	100	14,527	100	207,305	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	8	1	71	1	104	1	1,597	1	5.1	5.3 ***	-.13	5.3 ***	-.16	5.4 ***	-.23	
		2		18	2	108	1	142	1	2,103	1								
		3		45	5	505	5	671	5	8,838	5								
		4		138	16	1,464	14	1,958	14	24,081	12								
		5		360	40	3,776	36	5,105	35	69,605	33								
		6		186	21	2,420	23	3,476	24	53,102	25								
		7	Very much	132	15	2,032	19	2,967	20	46,735	23								
		Total		887	100	10,376	100	14,423	100	206,061	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	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	134	15	1,795	18	2,269	17	26,501	14	9%	6% ***	.14	6% ***	.13	7% *	.06	
			Do not plan to do	58	7	518	6	792	7	10,747	6								
			Plan to do	613	68	7,458	71	10,548	70	153,547	73								
			Done or in progress	80	9	563	6	751	6	14,733	7								
			Total	885	100	10,334	100	14,360	100	205,528	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

San Francisco State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

			Your first-year students compared with																
			SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		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. 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	273	30	3,483	33	4,582	31	57,071	28	6%	7%	-.02	7%	-.03	10% ***	-0.14	▽
			Do not plan to do	284	33	2,742	28	3,908	30	47,375	24								
			Plan to do	270	30	3,405	32	4,803	32	79,238	38								
			Done or in progress	56	6	685	7	1,031	7	21,302	10								
			Total	883	100	10,315	100	14,324	100	204,986	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	274	31	3,820	37	5,147	35	68,215	33	14%	10% ***	.12	10% ***	.13	13%	.05	△
			Do not plan to do	192	22	2,273	23	3,617	27	54,496	27								
			Plan to do	287	33	3,143	30	4,148	28	56,006	27								
			Done or in progress	127	14	1,044	10	1,372	10	25,571	13								
			Total	880	100	10,280	100	14,284	100	204,288	100								
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	273	31	3,188	31	4,492	32	56,938	28	2%	2%	-.01	2%	-.02	3%	-.06	△
			Do not plan to do	196	24	2,685	28	4,131	31	55,586	29								
			Plan to do	395	44	4,217	39	5,367	35	86,161	40								
			Done or in progress	16	2	186	2	284	2	5,624	3								
			Total	880	100	10,276	100	14,274	100	204,309	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	366	41	4,413	43	5,879	41	77,626	38	4%	3%	.06	4%	.03	5%	-.01	△
			Do not plan to do	225	26	2,523	25	3,754	26	47,841	24								
			Plan to do	248	29	3,022	29	4,128	28	69,511	33								
			Done or in progress	37	4	324	3	504	4	9,284	5								
			Total	876	100	10,282	100	14,265	100	204,262	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	359	41	4,195	41	5,564	39	67,216	34	2%	2%	-.01	2%	.01	2%	-.01	△
			Do not plan to do	96	11	1,070	11	1,794	13	21,836	12								
			Plan to do	405	46	4,854	46	6,697	46	111,272	53								
			Done or in progress	15	2	170	2	217	2	3,769	2								
			Total	875	100	10,289	100	14,272	100	204,093	100								
12. About how many of your courses at this institution have included a community-based project (service-learning)?																			
servcourse	1	None		327	37	4,647	45	6,609	46	95,828	48	1.8	1.7 ***	.16	1.7 ***	.20	1.6 ***	.24	△
			2	418	48	4,460	44	6,112	43	88,400	43								
			3	104	12	946	9	1,241	9	15,520	8								
			4	22	3	177	2	234	2	3,425	2								
			Total	871	100	10,230	100	14,196	100	203,173	100								

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NSSE 2020 Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		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	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students																			
	QIstudent	1	Poor	23	3	144	2	219	2	2,858	2	5.2	5.4 ***	-0.13	5.3 **	-0.11	5.4 ***	-0.20	
		2		27	3	203	2	308	2	3,735	2								
		3		56	7	553	5	721	5	9,163	5								
		4		112	13	1,352	13	1,867	14	23,509	12								
		5		259	30	2,806	27	3,908	27	54,135	27								
		6		214	25	2,677	26	3,611	25	54,942	26								
		7	Excellent	171	20	2,414	23	3,420	23	51,674	25								
		—	Not applicable	8	1	81	1	119	1	2,935	2								
			Total	870	100	10,230	100	14,173	100	202,951	100								
b. Academic advisors																			
	QIadvisor	1	Poor	38	4	319	3	453	4	5,122	3	5.1	5.2	-0.06	5.2 *	-0.08	5.4 ***	-0.18	
		2		29	3	399	4	603	4	7,165	4								
		3		59	7	773	7	1,030	7	13,133	6								
		4		116	13	1,357	13	1,829	13	25,220	12								
		5		204	23	2,219	22	2,911	21	41,078	20								
		6		188	22	2,172	22	2,883	21	44,244	22								
		7	Excellent	181	21	2,458	24	3,820	27	62,589	31								
		—	Not applicable	52	6	515	5	625	4	4,143	2								
			Total	867	100	10,212	100	14,154	100	202,694	100								
c. Faculty																			
	QIfaculty	1	Poor	28	3	276	3	303	2	2,730	2	5.0	5.1 *	-0.07	5.2 ***	-0.14	5.4 ***	-0.28	
		2		37	4	338	3	449	3	4,301	2								
		3		54	6	716	7	926	7	9,926	5								
		4		140	16	1,500	15	1,971	14	25,123	12								
		5		233	27	2,724	26	3,719	26	52,165	26								
		6		199	23	2,471	25	3,639	26	57,685	28								
		7	Excellent	149	17	1,947	19	2,890	21	48,527	24								
		—	Not applicable	24	3	227	2	251	2	2,161	1								
			Total	864	100	10,199	100	14,148	100	202,618	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

San Francisco State University

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				Your first-year students compared with															
				SF State	CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State	CSU Campuses		Carnegie 10k+ Public		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. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	37	4	496	5	560	4	5,896	3	4.8	5.0 ***	-0.14	5.1 ***	-0.19	5.2 ***	-0.28	
		2		44	5	426	4	519	4	6,589	3								
		3		80	9	681	6	889	6	12,550	6								
		4		147	17	1,317	13	1,774	12	26,232	13								
		5		188	22	2,064	20	2,833	20	44,153	21								
		6		129	15	2,028	20	2,840	19	44,089	21								
		7	Excellent	131	15	1,868	18	2,827	20	44,530	22								
		—	Not applicable	109	13	1,330	13	1,906	15	18,552	10								
	Total			865	100	10,210	100	14,148	100	202,591	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	42	5	406	4	510	4	6,099	3	4.7	5.0 ***	-0.17	5.1 ***	-0.20	5.2 ***	-0.26	
		2		58	6	472	5	616	4	7,466	4								
		3		67	8	760	7	1,048	7	13,589	7								
		4		128	15	1,483	14	1,967	14	27,952	14								
		5		229	26	2,161	21	3,029	21	44,774	22								
		6		156	18	2,070	21	2,888	20	43,749	21								
		7	Excellent	115	13	1,955	19	2,886	21	44,444	22								
		—	Not applicable	72	9	906	9	1,214	9	14,577	8								
	Total			867	100	10,213	100	14,158	100	202,650	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	24	3	172	2	219	2	3,024	2	2.9	3.1 ***	-0.27	3.0 ***	-0.23	3.1 ***	-0.28	
		2	Some	237	28	1,981	20	2,811	21	37,120	19								
		3	Quite a bit	422	49	4,880	48	6,854	49	97,107	48								
		4	Very much	178	21	3,130	31	4,193	29	64,552	31								
			Total			861	100	10,163	100	14,077	100								201,803
b. Providing support to help students succeed academically	SEacademic	1	Very little	36	4	331	3	497	4	6,516	4	2.9	3.0 ***	-0.17	3.0 ***	-0.15	3.0 ***	-0.22	
		2	Some	242	28	2,298	23	3,164	23	41,018	21								
		3	Quite a bit	384	45	4,331	43	5,964	42	86,187	42								
		4	Very much	201	23	3,183	31	4,422	30	67,525	33								
			Total			863	100	10,143	100	14,047	100								201,246
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	83	10	589	6	775	6	10,133	5	2.9	3.1 ***	-0.22	3.1 ***	-0.22	3.1 ***	-0.25	
		2	Some	186	22	1,910	19	2,561	19	35,012	18								
		3	Quite a bit	332	39	3,709	37	5,224	38	76,145	38								
		4	Very much	259	29	3,919	38	5,469	38	79,851	39								
			Total			860	100	10,127	100	14,029	100								201,141

*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

San Francisco State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		Your first-year students compared with						
				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	65	7	943	9	1,415	11	20,666	11	2.9	2.8	.07	2.8 **	.11	2.8 **	.10
		2	Some	221	26	2,806	28	3,923	28	56,533	28							
		3	Quite a bit	339	39	3,652	36	4,990	36	71,151	35							
		4	Very much	232	27	2,723	27	3,680	26	52,528	26							
		Total		857	100	10,124	100	14,008	100	200,878	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	84	10	674	7	869	7	10,858	6	2.7	2.9 ***	-.20	2.9 ***	-.20	3.0 ***	-.28
		2	Some	259	31	2,586	25	3,399	25	45,276	23							
		3	Quite a bit	326	38	3,910	39	5,552	40	81,110	40							
		4	Very much	186	22	2,928	29	4,164	28	63,262	31							
		Total		855	100	10,098	100	13,984	100	200,506	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	55	6	714	8	964	8	13,222	7	2.9	2.9	-.06	2.9	-.03	2.9	-.05
		2	Some	223	26	2,338	23	3,232	24	47,100	24							
		3	Quite a bit	353	42	3,812	38	5,373	39	78,876	39							
		4	Very much	226	26	3,215	31	4,374	30	61,030	30							
		Total		857	100	10,079	100	13,943	100	200,228	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	189	22	1,948	19	2,751	21	42,371	22	2.3	2.4 **	-.11	2.4	-.05	2.3	-.02
		2	Some	319	37	3,502	34	4,924	35	73,371	36							
		3	Quite a bit	227	27	2,993	30	4,103	29	55,567	27							
		4	Very much	122	14	1,640	16	2,166	15	28,808	14							
		Total		857	100	10,083	100	13,944	100	200,117	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	208	24	1,365	14	1,618	12	18,387	10	2.3	2.7 ***	-.35	2.7 ***	-.39	2.8 ***	-.51
		2	Some	288	33	2,978	30	4,023	29	51,295	26							
		3	Quite a bit	243	29	3,466	35	4,978	36	76,508	38							
		4	Very much	117	13	2,261	22	3,312	23	53,695	26							
		Total		856	100	10,070	100	13,931	100	199,885	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	189	22	2,011	20	2,557	18	32,301	17	2.4	2.4 *	-.07	2.4 *	-.09	2.5 ***	-.11
		2	Some	288	34	3,469	34	4,805	35	70,329	35							
		3	Quite a bit	262	31	2,938	30	4,259	31	63,435	31							
		4	Very much	115	13	1,659	16	2,300	16	33,807	16							
		Total		854	100	10,077	100	13,921	100	199,872	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

San Francisco State University

First-Year Students

				Frequency Distributions ^a						Statistical Comparisons ^b									
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		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	1	Strongly disagree	15	2	134	2	144	2	2,350	2	3.2	3.2	-0.1	3.2	-0.03	3.3 ***	-0.12	
		2	Disagree	68	8	646	8	690	8	9,443	8								
		3	Agree	517	61	4,613	59	4,822	57	63,001	52								
		4	Strongly agree	254	29	2,472	31	2,721	32	45,986	38								
			Total	854	100	7,865	100	8,377	100	120,780	100								
b. I feel valued by this institution.	SBvalued	1	Strongly disagree	31	4	207	3	234	3	3,967	4	2.9	3.0 **	-0.09	3.0 **	-0.10	3.0 ***	-0.14	
		2	Disagree	154	18	1,268	16	1,361	17	19,300	16								
		3	Agree	538	63	4,877	62	5,084	60	67,604	55								
		4	Strongly agree	134	16	1,504	19	1,690	20	29,770	24								
			Total	857	100	7,856	100	8,369	100	120,641	100								
c. I feel like part of the community at this institution.	SBcommunity	1	Strongly disagree	43	5	282	4	302	4	4,337	4	2.8	2.9 ***	-0.19	2.9 ***	-0.21	3.0 ***	-0.29	
		2	Disagree	221	26	1,483	19	1,550	19	19,931	17								
		3	Agree	456	53	4,537	58	4,716	56	64,081	53								
		4	Strongly agree	135	16	1,565	19	1,811	21	32,433	27								
			Total	855	100	7,867	100	8,379	100	120,782	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	0	0 hrs	5	1	48	1	58	1	754	0	12.1	13.3 ***	-0.15	13.3 ***	-0.15	14.4 ***	-0.28	
		3	1-5 hrs	160	19	1,580	16	2,124	16	24,166	13								
		8	6-10 hrs	254	30	2,504	25	3,504	25	44,856	23								
		13	11-15 hrs	190	23	2,371	23	3,207	23	45,379	23								
		18	16-20 hrs	122	14	1,815	18	2,518	18	39,433	19								
		23	21-25 hrs	75	9	977	9	1,335	9	23,013	11								
		28	26-30 hrs	25	3	359	4	539	4	10,876	5								
		33	More than 30 hrs	22	3	396	4	594	4	10,584	5								
			Total	853	100	10,050	100	13,879	100	199,061	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	449	52	4,880	48	6,260	47	63,446	34	3.8	4.3 *	-0.07	4.3 *	-0.08	5.6 ***	-0.26	
		3	1-5 hrs	212	25	2,584	25	3,866	26	64,949	31								
		8	6-10 hrs	82	10	1,183	12	1,755	12	31,680	16								
		13	11-15 hrs	51	6	655	7	928	7	18,109	9								
		18	16-20 hrs	29	4	421	4	549	4	10,590	5								
		23	21-25 hrs	20	2	172	2	272	2	5,195	3								
		28	26-30 hrs	4	0	52	1	86	1	1,890	1								
		33	More than 30 hrs	3	0	80	1	120	1	2,664	1								
			Total	850	100	10,027	100	13,836	100	198,523	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

San Francisco State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with															
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		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	739	87	8,776	87	11,848	86	154,737	80	1.9	1.7	.04	1.9	.00	2.4 *	▽	-.08
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	10	1	187	2	307	2	8,901	4								
	8	6-10 hrs	26	3	290	3	518	3	14,390	6									
	13	11-15 hrs	24	3	322	3	522	4	10,016	5									
	18	16-20 hrs	31	4	304	3	399	3	6,543	3									
	23	21-25 hrs	13	2	89	1	149	1	2,276	1									
	28	26-30 hrs	2	0	18	0	47	0	646	0									
	33	More than 30 hrs	4	1	41	0	55	0	1,093	1									
	Total				849	100	10,027	100	13,845	100	198,602								
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	431	51	6,250	63	8,500	59	134,145	66	8.3	6.0 ***	.25	7.3 **	.10	5.9 ***	△	.24
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	49	6	475	5	654	5	9,387	5								
	8	6-10 hrs	65	8	603	6	839	6	10,698	5									
	13	11-15 hrs	72	8	699	7	953	7	11,113	6									
	18	16-20 hrs	90	11	809	7	1,050	7	11,515	6									
	23	21-25 hrs	75	9	616	6	833	6	8,144	4									
	28	26-30 hrs	34	4	296	3	435	4	4,491	2									
	33	More than 30 hrs	33	4	283	3	591	6	9,326	6									
	Total				849	100	10,031	100	13,855	100	198,819								
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)									10.2	7.7 ***	.23	9.2 *	.09	8.3 ***	△	.17
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	586	69	6,385	65	8,612	62	116,431	59	2.5	2.4	.01	2.4	.00	2.5	-0.01	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	147	17	2,351	22	3,580	25	58,756	29								
	8	6-10 hrs	41	5	634	6	806	6	11,782	6									
	13	11-15 hrs	39	5	327	3	401	3	5,638	3									
	18	16-20 hrs	11	1	179	2	242	2	3,059	2									
	23	21-25 hrs	18	2	74	1	110	1	1,544	1									
	28	26-30 hrs	0	0	30	0	35	0	521	0									
	33	More than 30 hrs	5	1	60	1	75	1	990	1									
	Total				847	100	10,040	100	13,861	100	198,721								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

San Francisco State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with															
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		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 <i>(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	24	3	236	3	334	3	3,720	2	12.6	12.2	.04	12.2	.05	12.6	.01	
		3	1-5 hrs	179	21	2,307	22	3,069	22	40,204	20								
		8	6-10 hrs	208	24	2,745	27	3,747	26	53,433	26								
		13	11-15 hrs	192	23	1,955	20	2,730	19	42,222	21								
		18	16-20 hrs	107	13	1,246	12	1,850	13	28,203	14								
		23	21-25 hrs	58	7	612	6	859	6	12,933	7								
		28	26-30 hrs	24	3	263	3	359	3	5,508	3								
		33	More than 30 hrs	57	7	672	8	914	7	12,469	7								
			Total			849	100	10,036	100	13,862	100								198,692
g. Providing care for dependents (children, parents, etc.)	tmcarehrs <i>(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	585	69	6,414	64	9,339	67	152,316	75	2.9	3.5 **	-0.08	3.6 ***	-0.09	3.1	-0.02	
		3	1-5 hrs	126	15	1,609	16	1,956	14	19,409	10								
		8	6-10 hrs	52	6	806	8	967	7	8,372	5								
		13	11-15 hrs	38	5	510	5	595	4	5,834	3								
		18	16-20 hrs	23	3	275	3	344	3	3,534	2								
		23	21-25 hrs	13	2	136	1	182	1	2,007	1								
		28	26-30 hrs	6	1	68	1	79	1	843	1								
		33	More than 30 hrs	8	1	196	2	359	3	6,050	4								
			Total			851	100	10,014	100	13,821	100								198,365
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	291	34	2,205	21	3,449	24	89,620	43	5.8	6.3 *	-0.08	5.8	.00	4.1 ***	.26	
		3	1-5 hrs	291	34	4,048	41	5,576	41	66,089	34								
		8	6-10 hrs	112	13	1,996	20	2,551	18	22,511	12								
		13	11-15 hrs	66	8	871	9	1,128	8	9,595	5								
		18	16-20 hrs	35	4	409	4	505	3	4,539	2								
		23	21-25 hrs	24	3	146	1	203	1	2,355	1								
		28	26-30 hrs	6	1	84	1	103	1	984	1								
		33	More than 30 hrs	26	3	273	3	331	2	3,049	2								
			Total			851	100	10,032	100	13,846	100								198,742

*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

San Francisco State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with																						
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		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	59	7	943	10	1,332	10	22,733	12	3.0	2.8 ***	.17	2.8 ***	.15	2.7 ***	.23								
		2	Some	236	28	3,363	34	4,617	34	67,698	35								△	△	△					
		3	About half	300	35	3,059	31	4,201	30	57,545	29															
		4	Most	176	21	1,980	19	2,776	20	37,132	18															
		5	Almost all	78	9	673	6	914	6	13,270	6															
			Total	849	100	10,018	100	13,840	100	198,378	100															
	tmreadinghrs	<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprehrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>										6.1	6.1	-.01	6.3	-.03	6.5 *	-.07								
	tmreadinghrscol	1	0 hrs	5	1	47	1	57	1	731	0															
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	449	53	5,351	54	7,311	54	99,580	52															
		3	More than 5, up to 10 hrs	256	30	2,873	28	3,992	29	58,222	29															
		4	More than 10, up to 15 hrs	73	8	898	9	1,293	9	20,303	10															
		5	More than 15, up to 20 hrs	37	4	465	5	621	5	10,114	5															
		6	More than 20, up to 25 hrs	20	2	257	2	362	3	6,196	3															
		7	More than 25 hrs	7	1	97	1	153	1	2,428	1															
			Total	847	100	9,988	100	13,789	100	197,574	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	31	4	508	5	727	6	13,488	7	2.9	2.9	.03	2.8	.05	2.8 **	.10								
		2	Some	210	25	2,504	25	3,685	27	55,288	28															
		3	Quite a bit	424	50	4,760	48	6,356	46	84,684	42															
		4	Very much	183	21	2,195	22	2,988	22	44,045	22															
			Total	848	100	9,967	100	13,756	100	197,505	100															

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

NSSE 2020 Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Your first-year students compared with															
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020	
				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	43	5	442	5	1,018	8	20,431	11	2.9	2.9	-.03	2.8 ***	.14	2.7 ***	.23	
		2	Some	206	25	2,343	24	3,872	29	61,397	31								
		3	Quite a bit	389	45	4,592	46	5,817	42	75,218	38								
		4	Very much	209	25	2,591	25	3,044	22	40,426	21								
		Total		847	100	9,968	100	13,751	100	197,472	100								
c. Thinking critically and analytically	pgthink	1	Very little	18	2	256	3	365	3	5,712	3	3.1	3.1	.00	3.1	.03	3.1	.00	
		2	Some	159	19	1,873	19	2,650	20	37,183	19								
		3	Quite a bit	407	48	4,659	46	6,393	46	89,175	44								
		4	Very much	263	31	3,179	32	4,344	31	65,462	33								
		Total		847	100	9,967	100	13,752	100	197,532	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	88	10	864	9	1,393	11	24,682	12	2.7	2.7	-.04	2.7	.03	2.7	.03	
		2	Some	252	29	3,001	30	4,328	31	60,954	30								
		3	Quite a bit	340	40	4,011	40	5,285	38	70,502	36								
		4	Very much	168	20	2,086	21	2,756	20	41,335	22								
		Total		848	100	9,962	100	13,762	100	197,473	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	170	20	1,635	17	2,041	15	24,953	13	2.4	2.5 *	-.09	2.5 ***	-.13	2.6 ***	-.24	
		2	Some	297	35	3,390	34	4,756	35	63,198	32								
		3	Quite a bit	248	29	3,331	33	4,677	34	69,063	35								
		4	Very much	130	15	1,595	16	2,263	16	40,310	21								
		Total		845	100	9,951	100	13,737	100	197,524	100								
f. Working effectively with others	pgothers	1	Very little	49	6	527	6	765	7	11,893	7	2.9	2.9	-.04	2.8	.03	2.9	.01	
		2	Some	237	28	2,514	25	3,653	27	52,035	27								
		3	Quite a bit	337	39	4,313	43	5,859	41	82,455	41								
		4	Very much	225	26	2,609	26	3,467	25	51,048	26								
		Total		848	100	9,963	100	13,744	100	197,431	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	86	11	991	11	1,422	12	20,214	11	2.7	2.7	.01	2.7	.05	2.7	.00	
		2	Some	234	28	2,847	28	3,996	29	55,820	28								
		3	Quite a bit	350	41	4,040	40	5,496	39	75,420	37								
		4	Very much	176	21	2,084	21	2,822	20	45,926	23								
		Total		846	100	9,962	100	13,736	100	197,380	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

San Francisco State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with															
				SF State	CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State	CSU Campuses	Carnegie 10k+ Public		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	34	4	697	8	1,049	8	17,051	9	3.1	2.9 ***	.19	2.8 ***	.26	2.8 ***	.28	
		2	Some	168	20	2,406	24	3,582	27	53,324	27								
		3	Quite a bit	343	40	3,967	40	5,398	38	74,600	37								
		4	Very much	303	35	2,902	29	3,723	26	52,460	27								
		Total		848	100	9,972	100	13,752	100	197,435	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	91	11	1,140	12	1,541	12	20,969	11	2.7	2.6	.06	2.6	.06	2.7	.02	
		2	Some	264	31	3,225	32	4,472	32	64,175	32								
		3	Quite a bit	308	37	3,702	37	5,140	37	71,687	36								
		4	Very much	181	21	1,900	19	2,604	19	40,668	21								
		Total		844	100	9,967	100	13,757	100	197,499	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	80	10	1,111	11	1,479	11	22,360	12	2.7	2.7 *	.09	2.7 *	.09	2.7 *	.08	
		2	Some	249	29	3,111	31	4,332	32	62,778	32								
		3	Quite a bit	324	38	3,739	37	5,150	37	70,331	35								
		4	Very much	197	23	2,014	20	2,811	20	42,254	21								
		Total		850	100	9,975	100	13,772	100	197,723	100								
19. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	22	3	169	2	239	2	3,560	2	2.9	3.1 ***	-.22	3.1 ***	-.28	3.2 ***	-.37	
		2	Fair	181	22	1,623	17	2,078	16	25,433	13								
		3	Good	498	58	5,501	54	7,253	51	98,130	49								
		4	Excellent	152	18	2,729	27	4,262	31	71,411	35								
		Total		853	100	10,022	100	13,832	100	198,534	100								
20. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	37	4	317	3	424	3	6,889	4	2.9	3.1 ***	-.23	3.2 ***	-.31	3.2 ***	-.33	
		2	Probably no	174	20	1,530	15	1,817	13	24,913	13								
		3	Probably yes	439	52	4,788	48	6,275	45	84,216	42								
		4	Definitely yes	209	24	3,424	34	5,387	39	83,330	41								
		Total		859	100	10,059	100	13,903	100	199,348	100								
21. Do you intend to return to this institution next year?^f																			
(Means indicate the percentage who responded "Yes.")	returnexp	No		39	5	257	3	491	4	8,000	4	85%	91% ***	-.16	88% *	-.07	88% *	-.07	
		Yes		735	85	9,191	91	12,439	88	176,620	88								
		Not sure		86	10	629	7	1,007	8	15,090	8								
		Total		860	100	10,077	100	13,937	100	199,710	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

San Francisco State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020	
				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	59	3	732	4	807	3	8,209	3	2.9	2.9	.01	3.0 ***	-.12	3.1 ***	-.17	
		2	Sometimes	705	34	6,706	34	7,755	29	77,333	27								
		3	Often	650	32	6,186	31	8,228	32	93,202	31								
		4	Very often	637	31	6,114	31	8,995	36	116,022	39								
		Total		2,051	100	19,738	100	25,785	100	294,766	100								
b. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	123	6	1,409	7	1,603	6	18,594	6	2.9	2.9	.01	3.0 ***	-.10	3.0 ***	-.12	
		2	Often	319	16	3,022	16	3,646	14	39,408	14								
		3	Sometimes	1,194	58	11,061	56	14,071	54	153,994	52								
		4	Never	412	20	4,183	21	6,370	26	81,706	28								
		Total		2,048	100	19,675	100	25,690	100	293,702	100								
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	987	48	10,119	52	13,615	54	138,616	49	1.8	1.7 ***	.11	1.7 ***	.13	1.7	.02	
		2	Sometimes	695	34	6,777	35	8,421	33	102,094	34								
		3	Often	232	12	1,784	9	2,256	9	32,029	10								
		4	Very often	127	6	961	5	1,343	5	20,479	7								
		Total		2,041	100	19,641	100	25,635	100	293,218	100								
d. Asked another student to help you understand course material	CLaskhelp	1	Never	158	8	1,717	9	2,871	13	43,998	16	2.6	2.6	.01	2.5 ***	.14	2.4 ***	.17	
		2	Sometimes	880	43	8,208	42	10,913	43	118,167	41								
		3	Often	656	32	6,098	31	7,646	28	84,596	28								
		4	Very often	353	17	3,620	18	4,214	15	46,202	15								
		Total		2,047	100	19,643	100	25,644	100	292,963	100								
e. Explained course material to one or more students	CLexplain	1	Never	74	4	642	3	1,163	5	23,692	8	2.8	2.8 *	-.05	2.7	.03	2.7 ***	.08	
		2	Sometimes	737	36	6,909	35	9,184	36	99,122	34								
		3	Often	820	40	7,726	39	9,749	37	106,812	36								
		4	Very often	412	20	4,329	23	5,495	21	62,959	21								
		Total		2,043	100	19,606	100	25,591	100	292,585	100								
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	239	12	2,425	13	3,868	17	55,943	20	2.6	2.6	-.02	2.5 ***	.11	2.5 ***	.13	
		2	Sometimes	735	36	7,064	36	9,263	36	96,089	33								
		3	Often	671	33	5,840	30	7,367	28	81,711	27								
		4	Very often	386	19	4,211	22	5,003	19	57,574	19								
		Total		2,031	100	19,540	100	25,501	100	291,317	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

San Francisco State University

Seniors

				Frequency Distributions ^a						Statistical Comparisons ^b									
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		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	67	3	601	3	1,289	6	25,906	9	3.0	3.0	-.03	2.9 ***	.13	2.8 ***	.21	
		2	Sometimes	485	24	4,715	24	6,751	28	80,477	28				△	△			
		3	Often	821	41	7,439	38	9,379	36	102,605	35								
		4	Very often	658	32	6,724	35	7,990	30	81,264	28								
		Total		2,031	100	19,479	100	25,409	100	290,252	100								
h. Given a course presentation	present	1	Never	151	8	1,398	7	2,318	10	34,388	13	2.9	2.9	-.03	2.8 ***	.09	2.7 ***	.20	
		2	Sometimes	575	29	5,286	28	7,420	30	89,011	32				△	△			
		3	Often	682	34	6,607	34	8,368	33	93,326	31								
		4	Very often	622	30	6,179	31	7,283	27	73,254	24								
		Total		2,030	100	19,470	100	25,389	100	289,979	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	56	3	616	3	977	4	11,377	4	3.0	3.0	-.03	2.9	.03	2.9 *	.05	
		2	Sometimes	554	28	4,855	25	6,660	27	77,933	28								
		3	Often	816	41	7,972	41	10,215	40	117,942	41								
		4	Very often	592	29	5,891	30	7,325	28	80,220	27								
		Total		2,018	100	19,334	100	25,177	100	287,472	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	109	6	1,172	7	1,721	8	19,161	8	2.9	2.8	.04	2.8 ***	.08	2.8 ***	.10	
		2	Sometimes	571	29	5,682	30	7,549	31	88,268	32				△	△			
		3	Often	750	37	7,155	36	9,183	36	105,430	36								
		4	Very often	573	28	5,273	27	6,626	26	73,394	25								
		Total		2,003	100	19,282	100	25,079	100	286,253	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	143	8	2,150	12	3,041	13	32,337	13	2.8	2.7 ***	.13	2.6 ***	.17	2.6 ***	.18	
		2	Sometimes	614	31	6,212	33	8,279	34	96,510	34				△	△			
		3	Often	715	35	6,143	31	7,776	31	91,315	31								
		4	Very often	533	26	4,689	23	5,834	23	64,376	22								
		Total		2,005	100	19,194	100	24,930	100	284,538	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	59	3	890	5	1,187	5	12,038	5	2.9	2.8 **	.06	2.8 ***	.08	2.8 *	.05	
		2	Sometimes	569	29	5,639	30	7,384	30	81,401	29				△	△			
		3	Often	880	44	8,087	42	10,521	42	123,666	43								
		4	Very often	488	24	4,448	23	5,636	23	65,522	23								
		Total		1,996	100	19,064	100	24,728	100	282,627	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

San Francisco State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

				Your seniors compared with															
				SF State	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	SF State	CSU Campuses	Carnegie 10k+ Public	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	Rlperspect	1	Never	37	2	458	3	690	3	7,252	3	3.1	3.0 *	.05	3.0 ***	.08	3.0 ***	.09	
		2	Sometimes	416	21	4,256	23	5,586	23	65,656	24								
		3	Often	915	46	8,416	44	11,040	45	126,856	45								
		4	Very often	618	31	5,739	30	7,149	29	80,042	28								
		Total		1,986	100	18,869	100	24,465	100	279,806	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	33	2	330	2	482	2	5,340	2	3.0	3.0	.04	3.0 ***	.08	3.0 ***	.09	
		2	Sometimes	416	22	4,508	25	6,036	26	70,169	26								
		3	Often	935	47	8,312	44	10,818	44	124,807	45								
		4	Very often	593	29	5,536	29	6,873	28	76,797	27								
		Total		1,977	100	18,686	100	24,209	100	277,113	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	14	1	165	1	209	1	2,457	1	3.2	3.2	-.04	3.2	-.03	3.2	-.03	
		2	Sometimes	315	17	2,754	15	3,596	15	40,795	15								
		3	Often	925	47	8,642	46	11,287	47	129,126	47								
		4	Very often	716	36	6,991	37	8,910	37	102,517	37								
		Total		1,970	100	18,552	100	24,002	100	274,895	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	370	19	3,294	18	4,347	19	44,553	18	2.3	2.4 **	-.07	2.4 *	-.06	2.5 ***	-.11	
		2	Sometimes	840	43	7,656	41	9,675	40	105,227	39								
		3	Often	450	23	4,257	23	5,619	23	69,648	24								
		4	Very often	305	15	3,332	18	4,333	18	55,412	19								
		Total		1,965	100	18,539	100	23,974	100	274,840	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	894	45	8,497	45	10,827	46	112,236	43	1.9	1.9 *	-.05	1.9	-.03	2.0 ***	-.09	
		2	Sometimes	613	31	5,262	29	6,899	29	82,940	30								
		3	Often	276	14	2,691	15	3,561	15	45,673	16								
		4	Very often	179	9	2,054	11	2,616	11	33,066	12								
		Total		1,962	100	18,504	100	23,903	100	273,915	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	566	29	5,569	29	6,955	29	72,143	28	2.1	2.1	-.01	2.1	-.01	2.2 *	-.05	
		2	Sometimes	802	41	7,344	40	9,600	41	108,986	40								
		3	Often	388	20	3,453	19	4,586	20	58,752	21								
		4	Very often	198	10	2,007	11	2,582	11	32,142	11								
		Total		1,954	100	18,373	100	23,723	100	272,023	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

San Francisco State University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020	
												Mean		Mean		Mean		Mean	
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	385	20	4,377	23	5,611	24	60,130	23	2.3	2.2 *	.05	2.2 **	.06	2.2	.04	
		2	Sometimes	889	46	7,960	44	10,325	44	118,100	43								
		3	Often	464	24	4,020	22	5,154	21	61,958	22								
		4	Very often	213	11	2,051	11	2,651	11	31,886	11								
		Total		1,951	100	18,408	100	23,741	100	272,074	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	112	6	937	5	1,467	7	20,732	8	2.8	2.9 ***	-0.11	2.8	-0.03	2.8	.04	
		2	Some	602	31	4,811	27	6,606	29	83,025	31								
		3	Quite a bit	823	42	7,648	42	9,672	41	106,881	39								
		4	Very much	415	21	4,900	26	5,848	24	59,968	22								
		Total		1,952	100	18,296	100	23,593	100	270,606	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	61	3	562	3	752	3	7,195	3	3.0	3.1 **	-0.06	3.0 *	-0.05	3.1 ***	-0.08	
		2	Some	437	23	3,718	20	4,778	20	52,771	20								
		3	Quite a bit	868	45	8,031	44	10,433	45	122,228	45								
		4	Very much	575	29	5,911	32	7,528	32	87,379	32								
		Total		1,941	100	18,222	100	23,491	100	269,573	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	60	3	542	3	795	4	8,276	3	3.0	3.1	-0.03	3.0	.01	3.0	.00	
		2	Some	393	21	3,839	21	5,073	22	57,218	22								
		3	Quite a bit	893	46	7,729	43	10,058	43	117,144	44								
		4	Very much	587	30	5,949	33	7,352	31	84,823	31								
		Total		1,933	100	18,059	100	23,278	100	267,461	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	67	4	733	5	999	5	12,194	5	3.0	3.0	.02	3.0 *	.05	2.9 **	.06	
		2	Some	423	23	3,982	22	5,327	23	62,091	24								
		3	Quite a bit	862	45	7,809	43	10,059	43	115,110	43								
		4	Very much	577	29	5,464	30	6,774	29	76,950	28								
		Total		1,929	100	17,988	100	23,159	100	266,345	100								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	56	3	658	4	859	4	9,580	4	3.0	3.0	.04	3.0 *	.06	3.0 *	.06	
		2	Some	414	22	4,060	23	5,392	24	61,188	24								
		3	Quite a bit	882	46	7,980	44	10,245	44	119,723	45								
		4	Very much	566	29	5,235	29	6,570	28	74,982	28								
		Total		1,918	100	17,933	100	23,066	100	265,473	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

San Francisco State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020	
				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	27	1	356	2	500	2	5,519	2	3.2	3.2	.03	3.2	.02	3.1	.04	
		2	Some	317	17	3,061	17	3,929	17	45,143	17								
		3	Quite a bit	841	44	7,580	42	9,739	42	115,264	43								
		4	Very much	738	38	6,848	38	8,767	38	98,055	37								
		Total		1,923	100	17,845	100	22,935	100	263,981	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	75	4	769	5	1,010	5	10,228	4	3.0	3.0 *	-0.05	3.1 ***	-0.08	3.1 ***	-0.09	
		2	Some	418	22	3,611	20	4,434	19	48,770	19								
		3	Quite a bit	863	45	7,623	43	9,797	43	115,679	43								
		4	Very much	563	29	5,793	32	7,640	34	88,701	34								
		Total		1,919	100	17,796	100	22,881	100	263,378	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	48	3	527	3	736	3	8,618	4	3.1	3.1 *	-0.06	3.1 *	-0.05	3.1	-0.03	
		2	Some	403	21	3,298	19	4,324	19	49,450	19								
		3	Quite a bit	796	42	7,206	40	9,194	40	108,594	41								
		4	Very much	666	34	6,752	38	8,602	38	96,380	36								
		Total		1,913	100	17,783	100	22,856	100	263,042	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	134	7	1,507	9	2,057	10	24,731	10	2.8	2.8	.00	2.8	-0.01	2.8	.02	
		2	Some	590	31	4,963	29	6,225	28	72,689	28								
		3	Quite a bit	680	36	6,297	35	7,999	35	91,258	34								
		4	Very much	513	26	4,977	27	6,521	28	73,947	27								
		Total		1,917	100	17,744	100	22,802	100	262,625	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	136	7	1,494	9	1,795	8	19,177	8	2.8	2.8	.01	2.8	-0.04	2.8 *	-0.05	
		2	Some	593	32	5,220	30	6,533	28	72,425	28								
		3	Quite a bit	726	38	6,510	37	8,474	37	100,616	38								
		4	Very much	463	24	4,492	25	5,942	26	69,844	26								
		Total		1,918	100	17,716	100	22,744	100	262,062	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

San Francisco State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Your seniors compared with															
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020	
				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	193	10	1,925	11	2,527	11	28,030	10	2.6	2.6	.01	2.6	.02	2.7	-.02	
		2	Sometimes	672	35	6,216	35	8,033	35	89,616	34								
		3	Often	709	38	6,285	36	7,979	36	92,505	36								
		4	Very often	333	18	3,106	19	3,965	19	49,295	20								
		Total		1,907	100	17,532	100	22,504	100	259,446	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	291	15	3,058	17	4,087	18	45,707	18	2.5	2.5	.05	2.4 **	.07	2.4 *	.05	
		2	Sometimes	727	38	6,528	37	8,388	37	95,840	37								
		3	Often	547	29	5,104	30	6,551	30	76,399	30								
		4	Very often	330	18	2,794	16	3,388	15	40,491	16								
		Total		1,895	100	17,484	100	22,414	100	258,437	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	266	14	2,806	16	3,787	17	41,657	16	2.5	2.5	.04	2.4 **	.08	2.4 *	.06	
		2	Sometimes	728	38	6,616	38	8,646	38	99,608	38								
		3	Often	620	33	5,504	32	6,874	31	80,144	31								
		4	Very often	275	15	2,492	15	3,032	14	36,303	14								
		Total		1,889	100	17,418	100	22,339	100	257,712	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	99	5	932	5	1,347	6	14,798	6	8.4	7.8 ***	.09	7.5 ***	.13	7.7 ***	.11	
		1.5	1-2	239	13	2,729	16	3,857	17	43,611	17								
		4	3-5	539	29	5,213	30	6,584	29	73,598	29								
		8	6-10	443	23	4,088	23	5,059	23	57,577	22								
		13	11-15	260	14	1,935	11	2,396	11	28,595	11								
		18	16-20	118	6	966	6	1,196	5	15,197	6								
		23	More than 20	196	10	1,493	9	1,817	8	23,541	9								
Total		1,894	100	17,356	100	22,256	100	256,917	100										
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	350	19	3,423	20	5,021	23	58,486	24	4.4	4.2 *	.06	3.8 ***	.14	3.7 ***	.17	
		1.5	1-2	557	30	5,402	31	7,034	32	83,916	32								
		4	3-5	470	25	4,389	25	5,453	24	63,343	24								
		8	6-10	301	16	2,522	14	2,941	13	30,934	12								
		13	11-15	120	6	876	5	978	4	10,898	4								
		18	16-20	41	2	308	2	329	1	4,044	2								
		23	More than 20	43	2	381	2	426	2	4,485	2								
Total		1,882	100	17,301	100	22,182	100	256,106	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

San Francisco State University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		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	800	43	7,616	44	10,422	47	120,937	48	2.6	2.5	.04	2.2 ***	.11	2.0 ***	.16	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	609	32	5,750	33	7,206	32	86,350	32								
		4	3-5	229	12	2,018	12	2,398	11	27,846	11								
		8	6-10	102	6	898	5	1,025	4	10,490	4								
		13	11-15	85	5	553	3	597	3	5,647	2								
		18	16-20	18	1	182	1	221	1	2,120	1								
		23	More than 20	40	2	316	2	355	2	3,256	1								
		Total		1,883	100	17,333	100	22,224	100	256,646	100								
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									99.9	93.2 *	.06	85.2 ***	.14	82.2 ***	.18	
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	47	3	645	4	984	5	12,554	5	3.3	3.2 **	.07	3.1 ***	.20	3.1 ***	.23	
		2	Sometimes	310	16	3,116	18	4,727	22	59,771	23								
		3	Often	572	31	5,204	30	6,830	31	79,501	31								
		4	Very often	965	50	8,392	48	9,686	43	104,594	41								
			Total	1,894	100	17,357	100	22,227	100	256,420	100								
b. People from an economic background other than your own	DDeconomic	1	Never	70	4	795	5	1,003	5	10,800	5	3.1	3.1	.01	3.0 **	.07	3.1 *	.06	
		2	Sometimes	381	20	3,655	21	5,010	23	57,648	22								
		3	Often	670	36	5,754	34	7,667	35	91,273	35								
		4	Very often	758	40	7,097	41	8,470	37	96,116	38								
			Total	1,879	100	17,301	100	22,150	100	255,837	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	112	6	1,227	7	1,524	7	16,488	6	3.0	3.0	.03	3.0 *	.05	3.0 *	.05	
		2	Sometimes	449	24	4,193	24	5,465	25	67,420	26								
		3	Often	606	33	5,478	32	7,088	32	81,754	32								
		4	Very often	721	38	6,410	37	8,079	36	90,219	36								
			Total	1,888	100	17,308	100	22,156	100	255,881	100								
d. People with political views other than your own	DDpolitical	1	Never	208	11	1,506	8	1,731	8	16,704	7	2.7	2.8 ***	-.16	2.9 ***	-.19	2.9 ***	-.27	
		2	Sometimes	697	37	5,566	32	6,761	30	72,712	28								
		3	Often	500	27	4,965	29	6,712	30	81,786	32								
		4	Very often	482	26	5,281	31	6,964	31	84,795	34								
			Total	1,887	100	17,318	100	22,168	100	255,997	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

San Francisco State University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		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	2	403	3	516	3	5,927	3	3.1	3.1	.02	3.1	.00	3.1	-.02	
		2	Sometimes	385	21	3,536	21	4,423	20	49,269	20								
		3	Often	846	45	7,659	44	9,793	44	111,254	43								
		4	Very often	613	32	5,633	32	7,323	33	88,406	34								
		Total		1,874	100	17,231	100	22,055	100	254,856	100								
b. Reviewed your notes after class	LSnotes	1	Never	82	4	1,043	6	1,373	6	18,524	7	2.9	2.9	.00	2.9	-.01	2.8	.02	
		2	Sometimes	582	31	5,194	30	6,472	29	76,175	30								
		3	Often	693	37	5,834	34	7,499	34	84,602	33								
		4	Very often	514	27	5,149	29	6,699	30	75,340	30								
		Total		1,871	100	17,220	100	22,043	100	254,641	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	99	6	1,221	7	1,461	7	16,621	7	2.8	2.8	.02	2.8	-.02	2.8 *	-0.05	
		2	Sometimes	589	32	5,353	31	6,606	30	73,732	29								
		3	Often	731	39	6,162	36	8,106	37	95,032	37								
		4	Very often	450	24	4,478	25	5,852	26	69,229	27								
		Total		1,869	100	17,214	100	22,025	100	254,614	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	0	151	1	201	1	2,450	1	5.4	5.6 ***	-0.09	5.6 ***	-0.10	5.6 ***	-0.09	
		2		35	2	215	1	292	1	3,313	1								
		3		92	5	728	4	911	4	10,497	4								
		4		194	11	1,790	11	2,237	11	25,459	10								
		5		629	34	4,762	28	6,074	27	72,139	28								
		6		437	24	4,234	25	5,440	25	65,368	25								
		7	Very much	469	25	5,242	30	6,716	30	73,953	29								
		Total		1,865	100	17,122	100	21,871	100	253,179	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	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	257	14	2,132	12	2,465	11	25,084	10	33%	43% ***	-0.19	43% ***	-0.21	48% ***	-0.31	
			Do not plan to do	246	14	2,325	14	3,243	16	40,807	17								
			Plan to do	729	40	5,414	31	6,504	29	59,957	24								
			Done or in progress	635	33	7,220	43	9,634	43	127,093	48								
			Total		1,867	100	17,091	100	21,846	100	252,941								100

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NSSE 2020 Frequencies and Statistical Comparisons

San Francisco State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Your seniors compared with															
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		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	318	17	2,783	16	3,296	15	30,209	12	20%	25% ***	-0.12	26% ***	-0.15	34% ***	-0.33	
			Do not plan to do	913	49	8,224	48	10,378	49	109,633	44								
			Plan to do	252	14	1,858	11	2,234	10	21,395	9								
			Done or in progress	378	20	4,178	25	5,873	26	91,233	34								
			Total	1,861	100	17,043	100	21,781	100	252,470	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	377	20	3,291	19	3,948	18	36,874	15	17%	19% *	-0.05	20% **	-0.08	22% ***	-0.13	
			Do not plan to do	859	46	8,078	48	10,576	50	129,991	52								
			Plan to do	293	16	2,389	14	2,768	12	25,718	10								
			Done or in progress	329	17	3,230	19	4,418	20	59,063	22								
			Total	1,858	100	16,988	100	21,710	100	251,646	100								
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	304	16	2,878	17	3,479	16	29,497	12	7%	9% *	-0.06	8%	-0.05	14% ***	-0.23	
			Do not plan to do	1,228	66	11,188	66	14,555	68	165,839	67								
			Plan to do	184	10	1,436	9	1,800	8	17,301	7								
			Done or in progress	133	7	1,490	9	1,892	8	39,141	14								
			Total	1,849	100	16,992	100	21,726	100	251,778	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	388	21	3,595	21	4,310	19	38,653	16	14%	17% ***	-0.08	18% ***	-0.11	23% ***	-0.22	
			Do not plan to do	852	46	8,046	47	10,515	48	123,679	49								
			Plan to do	344	19	2,471	15	2,970	14	29,370	12								
			Done or in progress	270	14	2,869	17	3,932	18	60,029	23								
			Total	1,854	100	16,981	100	21,727	100	251,731	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	307	16	2,299	13	2,783	12	24,080	10	37%	41% ***	-0.10	42% ***	-0.10	44% ***	-0.16	
			Do not plan to do	429	23	3,849	23	4,752	22	49,400	21								
			Plan to do	441	24	3,900	22	5,380	24	60,406	25								
			Done or in progress	678	37	6,933	41	8,791	42	117,729	44								
			Total	1,855	100	16,981	100	21,706	100	251,615	100								
12. About how many of your courses at this institution have included a community-based project (service-learning)?																			
servcourse	1	None	None	584	32	5,337	33	7,444	36	93,364	39	1.9	1.9	-0.01	1.8 *	.05	1.8 ***	.14	
			Some	965	52	8,838	52	10,788	49	125,709	49								
			Most	253	13	2,200	12	2,731	12	25,730	10								
			All	41	2	516	3	651	3	6,059	2								
			Total	1,843	100	16,891	100	21,614	100	250,862	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

San Francisco State University

Seniors

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				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		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	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students																			
	QIstudent	1	Poor	26	1	213	1	264	1	2,949	1	5.5							
		2		28	2	246	1	311	2	3,830	2								
		3		72	4	640	4	767	4	9,558	4								
		4		222	12	1,605	10	2,117	10	24,359	10								
		5		495	27	4,061	24	5,208	24	60,805	24								
		6		520	28	4,590	27	5,836	27	68,600	27								
		7	Excellent	474	25	5,408	32	6,852	31	74,569	30								
		—	Not applicable	13	1	110	1	250	1	6,169	3								
			Total	1,850	100	16,873	100	21,605	100	250,839	100								
b. Academic advisors																			
	QIadvisor	1	Poor	82	5	719	4	979	5	10,454	4	5.0							
		2		92	5	739	4	1,050	5	11,135	5								
		3		175	10	1,301	8	1,647	7	17,439	7								
		4		250	14	2,201	13	2,832	13	29,641	12								
		5		418	23	3,370	20	4,173	19	45,584	18								
		6		373	20	3,355	20	4,281	20	49,253	19								
		7	Excellent	432	23	4,729	28	6,148	29	83,380	33								
		—	Not applicable	26	1	436	3	485	2	3,765	2								
			Total	1,848	100	16,850	100	21,595	100	250,651	100								
c. Faculty																			
	QIfaculty	1	Poor	32	2	333	2	389	2	3,569	2	5.3							
		2		63	3	420	3	515	2	4,796	2								
		3		115	6	897	5	1,060	5	10,901	5								
		4		248	14	2,037	12	2,533	11	26,871	11								
		5		449	24	3,923	23	5,082	23	57,914	23								
		6		519	28	4,516	27	5,798	27	70,811	28								
		7	Excellent	407	22	4,572	27	5,981	28	73,340	29								
		—	Not applicable	15	1	153	1	231	1	2,377	1								
			Total	1,848	100	16,851	100	21,589	100	250,579	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

San Francisco State University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020	
				Count		Count		Count		Count		Mean		Mean		Mean		Mean	
				%		%		%		%		Effect size ^e		Effect size ^e		Effect size ^e		Effect size ^e	
Item wording or description	Variable name ^c	Values ^d	Response options																
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	104	6	761	4	957	5	10,164	4	4.7	5.0 ***	-17	5.0 ***	-16	5.0 ***	-18	
		2		89	5	710	4	854	4	10,171	4								
		3		145	8	1,149	7	1,386	6	16,872	7								
		4		263	14	1,993	12	2,563	12	31,714	12								
		5		366	20	3,065	18	3,856	17	46,421	18								
		6		298	16	2,946	17	3,727	17	43,566	17								
		7	Excellent	259	14	3,196	19	4,074	19	48,299	19								
		—	Not applicable	323	18	3,013	18	4,154	21	43,244	19								
Total				1,847	100	16,833	100	21,571	100	250,451	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	102	6	755	4	957	5	11,169	5	4.7	5.0 ***	-17	5.0 ***	-17	5.0 ***	-17	
		2		111	6	791	5	985	5	11,729	5								
		3		176	9	1,266	7	1,625	8	19,053	8								
		4		299	16	2,423	14	3,031	14	35,877	14								
		5		421	23	3,602	21	4,635	21	52,069	20								
		6		362	20	3,438	20	4,319	20	49,989	20								
		7	Excellent	291	16	3,516	21	4,543	21	54,822	22								
		—	Not applicable	87	5	1,058	7	1,480	7	15,839	7								
Total				1,849	100	16,849	100	21,575	100	250,547	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	42	2	319	2	471	2	4,727	2	3.0	3.1 ***	-13	3.1 **	-08	3.1 ***	-10	
		2	Some	379	21	3,006	18	3,997	19	45,472	19								
		3	Quite a bit	888	48	7,368	44	9,703	46	113,828	45								
		4	Very much	538	29	6,102	36	7,321	33	85,721	34								
		Total				1,847	100	16,795	100	21,492	100								249,748
b. Providing support to help students succeed academically	SEacademic	1	Very little	120	7	896	5	1,198	6	12,771	6	2.8	2.9 ***	-21	2.9 ***	-19	2.9 ***	-21	
		2	Some	583	32	4,144	25	5,321	25	59,176	24								
		3	Quite a bit	754	41	6,872	41	8,825	41	105,234	42								
		4	Very much	386	20	4,839	29	6,091	28	72,085	29								
		Total				1,843	100	16,751	100	21,435	100								249,266
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	237	13	1,713	10	2,166	10	21,961	9	2.7	2.9 ***	-21	2.8 ***	-20	2.9 ***	-22	
		2	Some	526	29	4,016	24	5,263	25	60,204	25								
		3	Quite a bit	685	37	6,051	36	7,768	36	93,670	37								
		4	Very much	392	20	4,965	30	6,207	29	73,223	29								
		Total				1,840	100	16,745	100	21,404	100								249,058

*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

San Francisco State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Your seniors compared with															
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020	
				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	204	11	2,092	13	2,791	13	36,540	15	2.8	2.7	.02	2.7 *	.06	2.6 ***	.13	
		2	Some	496	27	4,636	27	6,080	28	75,672	30								
		3	Quite a bit	650	36	5,523	33	7,074	33	79,838	32								
		4	Very much	486	26	4,472	27	5,435	25	56,629	23								
		Total		1,836	100	16,723	100	21,380	100	248,679	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	218	12	1,396	8	1,838	9	21,823	9	2.6	2.8 ***	-.21	2.8 ***	-.17	2.8 ***	-.18	
		2	Some	587	32	4,559	27	5,773	28	64,966	27								
		3	Quite a bit	653	36	6,224	37	8,015	37	95,414	38								
		4	Very much	379	20	4,515	27	5,721	26	66,247	26								
		Total		1,837	100	16,694	100	21,347	100	248,450	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	213	12	1,663	10	2,371	11	29,441	12	2.7	2.8 ***	-.17	2.8 ***	-.08	2.7	-.04	
		2	Some	572	31	4,220	25	5,655	27	69,106	28								
		3	Quite a bit	635	35	6,038	36	7,631	36	88,557	35								
		4	Very much	415	22	4,765	29	5,666	26	61,054	24								
		Total		1,835	100	16,686	100	21,323	100	248,158	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	623	34	5,028	29	6,664	31	81,139	33	2.1	2.2 ***	-.15	2.2 ***	-.10	2.1 *	-.06	
		2	Some	659	36	5,681	34	7,314	34	86,779	35								
		3	Quite a bit	380	21	3,769	23	4,684	22	52,024	21								
		4	Very much	169	9	2,184	13	2,633	12	27,993	11								
		Total		1,831	100	16,662	100	21,295	100	247,935	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	498	27	3,101	18	3,971	19	42,442	18	2.2	2.5 ***	-.34	2.5 ***	-.32	2.5 ***	-.37	
		2	Some	720	39	5,379	32	6,798	32	73,772	30								
		3	Quite a bit	423	23	5,188	31	6,712	31	82,050	32								
		4	Very much	187	10	2,989	18	3,805	18	49,385	20								
		Total		1,828	100	16,657	100	21,286	100	247,649	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	442	24	3,792	22	4,773	22	54,912	23	2.2	2.3 ***	-.10	2.3 ***	-.09	2.3 **	-.06	
		2	Some	692	38	5,997	36	7,708	37	90,664	37								
		3	Quite a bit	499	28	4,461	27	5,807	27	68,504	27								
		4	Very much	199	11	2,398	15	2,980	14	33,628	13								
		Total		1,832	100	16,648	100	21,268	100	247,708	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

San Francisco State University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		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 <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	39	2	335	2	314	3	3,671	3	3.2	3.3 **	-0.08	3.3 **	-0.07	3.3 ***	-0.11	
		2	Disagree	143	8	977	7	937	7	10,057	7								
		3	Agree	967	52	7,098	48	6,578	48	69,436	46								
		4	Strongly agree	681	37	5,932	42	5,510	42	64,052	44								
		Total		1,830	100	14,342	100	13,339	100	147,216	100								
b. I feel valued by this institution.	SBvalued <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	125	7	755	5	753	6	9,500	7	2.8	2.9 ***	-0.20	2.9 ***	-0.17	2.9 ***	-0.18	
		2	Disagree	430	24	2,660	19	2,517	19	27,004	18								
		3	Agree	979	53	7,642	53	7,034	52	72,837	49								
		4	Strongly agree	298	16	3,268	23	3,020	23	37,734	26								
		Total		1,832	100	14,325	100	13,324	100	147,075	100								
c. I feel like part of the community at this institution.	SBcommunity <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	115	7	729	5	707	6	8,259	6	2.8	2.9 ***	-0.18	2.9 ***	-0.16	3.0 ***	-0.21	
		2	Disagree	438	24	2,785	20	2,620	20	26,573	18								
		3	Agree	989	53	7,528	52	6,883	51	72,672	49								
		4	Strongly agree	298	16	3,298	23	3,117	23	39,663	27								
		Total		1,840	100	14,340	100	13,327	100	147,167	100								
16. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	5	0	48	0	65	0	966	0	13.7	14.5 ***	-0.09	14.6 ***	-0.10	15.0 ***	-0.14	
		3	1-5 hrs	265	15	2,261	14	3,005	14	31,870	13								
		8	6-10 hrs	493	27	4,278	25	5,217	24	56,769	23								
		13	11-15 hrs	403	22	3,521	21	4,409	21	51,051	21								
		18	16-20 hrs	319	17	2,859	17	3,677	18	44,837	18								
		23	21-25 hrs	162	9	1,592	10	2,125	10	26,750	11								
		28	26-30 hrs	86	5	857	5	1,125	5	15,261	6								
		33	More than 30 hrs	101	5	1,186	7	1,603	8	19,640	8								
Total		1,834	100	16,602	100	21,226	100	247,144	100										
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	978	53	8,434	50	10,538	51	104,162	44	4.0	4.4 *	-0.05	4.2	-0.03	5.0 ***	-0.13	
		3	1-5 hrs	427	23	3,946	24	5,251	24	67,408	26								
		8	6-10 hrs	159	9	1,764	11	2,261	10	31,861	13								
		13	11-15 hrs	118	7	1,129	7	1,425	7	18,712	7								
		18	16-20 hrs	79	4	653	4	839	4	11,683	5								
		23	21-25 hrs	42	2	325	2	419	2	6,239	2								
		28	26-30 hrs	6	0	132	1	185	1	2,602	1								
33	More than 30 hrs	20	1	198	1	268	1	4,060	2										
Total		1,829	100	16,581	100	21,186	100	246,727	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

San Francisco State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

				Your seniors compared with															
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		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	1,511	83	13,242	79	16,945	80	173,097	72	2.4	2.9 ***	-0.8	2.9 **	-0.07	3.6 ***	-0.18	
	(Recorded version of tmworkon created by NSSE.)	3	1-5 hrs	58	3	392	2	539	3	12,309	4								
		8	6-10 hrs	60	3	646	4	889	4	20,869	7								
		13	11-15 hrs	58	3	794	5	1,004	5	16,210	6								
		18	16-20 hrs	94	5	1,088	7	1,140	5	15,109	6								
		23	21-25 hrs	28	2	206	1	341	2	4,583	2								
		28	26-30 hrs	7	0	62	0	109	1	1,694	1								
		33	More than 30 hrs	12	1	124	1	195	1	2,852	1								
	Total			1,828	100	16,554	100	21,162	100	246,723	100								
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	541	30	5,456	34	6,989	34	101,403	41	15.5	14.1 ***	.12	14.8 *	.05	13.0 ***	.19	
	(Recorded version of tmworkoff created by NSSE.)	3	1-5 hrs	70	4	674	4	876	4	12,186	5								
		8	6-10 hrs	104	6	972	6	1,277	6	15,858	6								
		13	11-15 hrs	134	8	1,349	8	1,602	7	17,233	7								
		18	16-20 hrs	237	13	2,232	14	2,513	11	22,683	9								
		23	21-25 hrs	214	12	1,761	10	2,072	9	17,605	7								
		28	26-30 hrs	181	10	1,378	8	1,642	7	12,904	5								
		33	More than 30 hrs	348	19	2,756	16	4,221	22	47,070	21								
	Total			1,829	100	16,578	100	21,192	100	246,942	100								
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)									17.8	17.0 **	.07	17.7	.01	16.6 ***	.09	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	1,030	57	8,651	53	10,968	53	122,926	51	3.5	3.7	-0.04	3.4	.00	3.3	.03	
	(Recorded version of tmservice created by NSSE.)	3	1-5 hrs	427	23	4,245	25	6,040	28	82,149	32								
		8	6-10 hrs	172	9	1,725	10	1,930	8	20,507	8								
		13	11-15 hrs	93	5	890	5	992	4	9,301	4								
		18	16-20 hrs	59	3	515	3	597	3	5,504	2								
		23	21-25 hrs	23	1	208	1	258	1	2,547	1								
		28	26-30 hrs	13	1	103	1	112	1	1,144	0								
		33	More than 30 hrs	19	1	216	1	263	1	2,690	1								
	Total			1,836	100	16,553	100	21,160	100	246,768	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

San Francisco State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

				Your seniors compared with															
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		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 <i>(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	57	3	576	4	770	4	7,415	3	11.9	10.8 ***	.13	10.5 ***	.17	10.9 ***	.12	
		3	1-5 hrs	410	21	4,785	28	6,226	29	66,449	27								
		8	6-10 hrs	511	28	4,555	27	5,825	27	69,836	28								
		13	11-15 hrs	364	20	2,964	18	3,624	17	45,972	18								
		18	16-20 hrs	217	12	1,818	11	2,384	11	28,524	12								
		23	21-25 hrs	113	6	669	4	897	4	11,864	5								
		28	26-30 hrs	46	3	345	2	433	2	5,352	2								
		33	More than 30 hrs	110	6	869	6	1,022	5	11,330	5								
		Total		1,828	100	16,581	100	21,181	100	246,742	100								
g. Providing care for dependents (children, parents, etc.)	tmcarehrs <i>(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	1,132	62	9,255	57	12,103	57	159,440	63	4.8	6.0 ***	-.12	6.7 ***	-.18	6.3 ***	-.14	
		3	1-5 hrs	229	12	2,614	15	3,022	13	25,706	10								
		8	6-10 hrs	161	9	1,306	8	1,473	7	12,492	5								
		13	11-15 hrs	99	5	780	5	915	4	8,300	4								
		18	16-20 hrs	54	3	546	3	666	3	6,628	3								
		23	21-25 hrs	38	2	303	2	399	2	3,760	2								
		28	26-30 hrs	14	1	188	1	262	1	2,615	1								
		33	More than 30 hrs	100	5	1,544	9	2,286	11	27,489	12								
		Total		1,827	100	16,536	100	21,126	100	246,430	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	92	5	894	5	1,987	11	63,746	25	8.1	7.3 ***	.12	6.6 ***	.22	5.0 ***	.48	
		3	1-5 hrs	809	44	8,317	50	10,411	49	115,854	47								
		8	6-10 hrs	471	25	4,099	25	4,919	23	38,034	16								
		13	11-15 hrs	203	11	1,559	10	1,893	9	13,921	6								
		18	16-20 hrs	130	7	648	4	771	4	5,814	2								
		23	21-25 hrs	45	3	323	2	375	2	2,903	1								
		28	26-30 hrs	22	1	144	1	169	1	1,406	1								
		33	More than 30 hrs	58	3	590	3	654	3	5,157	2								
		Total		1,830	100	16,574	100	21,179	100	246,835	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

San Francisco State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b													
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020							
				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	161	9	1,949	12	2,554	12	33,540	14	3.0	2.9 ***	.09	2.9 ***	.09	2.8 ***	.17							
		2	Some	463	26	4,540	28	5,863	28	70,863	29								△		△		△		
		3	About half	554	31	4,549	27	5,867	28	67,319	27														
		4	Most	442	24	3,746	22	4,749	23	52,286	21														
		5	Almost all	200	11	1,764	10	2,111	10	22,457	9														
		Total		1,820	100	16,548	100	21,144	100	246,465	100														
	tmreadinghrs	<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>														7.1	7.2	-.02	7.2	-.03	7.1	.00			
	tmreadinghrscol	1	0 hrs	4	0	48	0	63	0	948	0														
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	834	47	7,942	48	10,180	48	117,340	49														
		3	More than 5, up to 10 hrs	584	32	4,794	29	6,045	29	71,417	29														
		4	More than 10, up to 15 hrs	193	10	1,635	10	2,092	10	25,797	10														
		5	More than 15, up to 20 hrs	99	5	967	6	1,305	6	14,765	6														
		6	More than 20, up to 25 hrs	73	4	717	4	918	4	10,351	4														
		7	More than 25 hrs	30	2	391	2	476	2	4,927	2														
		Total		1,817	100	16,494	100	21,079	100	245,545	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	82	5	711	5	975	5	12,539	6	3.0	3.1 ***	-.08	3.0 *	-.06	3.0	-.03							
		2	Some	395	22	3,195	19	4,294	21	51,544	21								▽		▽				
		3	Quite a bit	790	43	6,879	41	8,571	40	96,513	39														
		4	Very much	564	30	5,749	35	7,263	34	85,303	34														
		Total		1,831	100	16,534	100	21,103	100	245,899	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

San Francisco State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		Your seniors compared with						
				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	105	6	822	5	1,242	7	17,206	8	2.9	3.0 ***	-0.11	3.0	-0.04	2.9	-0.01
		2	Some	446	25	3,500	22	4,687	23	56,447	23							
		3	Quite a bit	739	40	6,601	39	8,199	38	92,305	37							
		4	Very much	538	29	5,593	34	6,968	32	79,930	32							
		Total		1,828	100	16,516	100	21,096	100	245,888	100							
c. Thinking critically and analytically	pgthink	1	Very little	45	3	355	2	480	3	5,108	2	3.2	3.3 ***	-0.13	3.3 ***	-0.11	3.3 ***	-0.13
		2	Some	270	15	1,969	12	2,651	13	29,654	13							
		3	Quite a bit	759	42	6,374	38	8,029	37	92,194	37							
		4	Very much	755	41	7,817	47	9,936	47	119,041	48							
		Total		1,829	100	16,515	100	21,096	100	245,997	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	186	10	1,370	8	1,897	9	23,670	9	2.8	2.9 ***	-0.13	2.9 ***	-0.09	2.9 ***	-0.08
		2	Some	479	26	3,839	23	5,110	24	62,008	24							
		3	Quite a bit	655	36	5,857	35	7,387	35	81,791	33							
		4	Very much	507	28	5,457	34	6,708	32	78,464	33							
		Total		1,827	100	16,523	100	21,102	100	245,933	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	214	12	1,494	9	1,904	10	19,451	8	2.7	2.9 ***	-0.20	2.9 ***	-0.22	3.0 ***	-0.28
		2	Some	545	30	4,025	24	4,904	23	55,662	23							
		3	Quite a bit	640	35	5,803	35	7,425	35	84,571	34							
		4	Very much	428	23	5,195	32	6,861	33	86,273	35							
		Total		1,827	100	16,517	100	21,094	100	245,957	100							
f. Working effectively with others	pgothers	1	Very little	92	5	607	4	888	5	11,746	5	3.0	3.1 ***	-0.14	3.1 ***	-0.08	3.1 *	-0.06
		2	Some	389	22	2,957	18	3,971	20	48,303	20							
		3	Quite a bit	735	40	6,477	38	8,150	38	94,179	38							
		4	Very much	608	33	6,475	39	8,094	37	91,673	37							
		Total		1,824	100	16,516	100	21,103	100	245,901	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	141	8	1,387	9	1,959	11	23,418	11	2.9	2.9	-0.04	2.9	.00	2.9	.01
		2	Some	438	24	3,689	23	4,766	23	57,383	24							
		3	Quite a bit	719	39	6,011	36	7,529	35	85,378	34							
		4	Very much	527	28	5,409	33	6,824	31	79,561	31							
		Total		1,825	100	16,496	100	21,078	100	245,740	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

San Francisco State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

				Your seniors compared with															
				SF State		CSU Campuses		Carnegie 10k+ Public		NSSE 2019 & 2020		SF State		CSU Campuses		Carnegie 10k+ Public		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	101	6	1,099	7	1,589	9	21,569	10	3.1	3.0	.04	2.9 ***	.11	2.9 ***	.18	
		2	Some	365	20	3,331	21	4,603	23	60,551	25								
		3	Quite a bit	653	36	5,857	35	7,344	34	84,511	34								
		4	Very much	708	38	6,206	37	7,559	35	79,229	32								
		Total		1,827	100	16,493	100	21,095	100	245,860	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	157	9	1,418	9	1,876	10	20,384	9	2.8	2.9 **	-0.08	2.8 *	-0.05	2.9 **	-0.07	
		2	Some	510	28	4,210	26	5,452	26	64,179	26								
		3	Quite a bit	695	38	5,962	36	7,475	35	88,064	35								
		4	Very much	466	25	4,917	30	6,289	30	73,238	30								
		Total		1,828	100	16,507	100	21,092	100	245,865	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	195	11	1,862	12	2,382	12	29,251	13	2.7	2.8	-0.02	2.8	.00	2.7	.02	
		2	Some	507	28	4,532	27	5,853	28	70,409	29								
		3	Quite a bit	650	36	5,555	33	6,983	32	80,058	32								
		4	Very much	476	25	4,570	28	5,897	28	66,378	27								
		Total		1,828	100	16,519	100	21,115	100	246,096	100								
19. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	49	3	365	3	509	3	5,909	3	3.0	3.2 ***	-0.28	3.2 ***	-0.30	3.2 ***	-0.34	
		2	Fair	373	21	2,224	14	2,696	13	28,913	12								
		3	Good	946	51	7,768	46	9,667	45	107,097	43								
		4	Excellent	467	25	6,203	38	8,321	40	105,050	42								
		Total		1,835	100	16,560	100	21,193	100	246,969	100								
20. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	110	6	649	4	882	4	11,414	5	3.0	3.2 ***	-0.31	3.2 ***	-0.33	3.2 ***	-0.31	
		2	Probably no	355	20	2,062	12	2,506	12	30,504	12								
		3	Probably yes	829	45	6,824	41	8,529	40	94,748	38								
		4	Definitely yes	542	29	7,088	43	9,370	44	111,013	45								
		Total		1,836	100	16,623	100	21,287	100	247,679	100								

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

NSSE 2020 Frequencies and Statistical Comparisons

Detailed Statistics^g

San Francisco State University

First-Year Students

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	SF State	SF State	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	SF State	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	SF State	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:		
														CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020
1 a. askquest	1,076	2.74	2.61	2.69	2.80	.024	.006	.005	.001	.80	.81	.83	.85	18,157	1,158	1,082	.000	.079	.012	.16	.05	-.07
b. unpreparedr	1,072	3.03	3.02	3.07	3.07	.022	.006	.004	.001	.73	.77	.76	.77	1,227	1,155	1,078	.731	.078	.037	.01	-.05	-.06
c. attendart	1,072	1.61	1.72	1.75	1.85	.025	.007	.005	.002	.82	.85	.87	.92	18,054	1,158	1,079	.000	.000	.000	-.14	-.16	-.26
d. CLaskhelp	1,071	2.64	2.68	2.58	2.60	.026	.007	.005	.002	.84	.86	.88	.90	18,025	1,154	1,078	.124	.013	.084	-.05	.07	.05
e. CLexplain	1,069	2.66	2.71	2.64	2.69	.025	.006	.005	.001	.82	.82	.82	.85	17,971	31,049	354,733	.077	.445	.306	-.06	.02	-.03
f. CLstudy	1,063	2.46	2.52	2.43	2.53	.029	.007	.006	.002	.95	.94	.96	.98	17,878	30,902	352,644	.062	.277	.024	-.06	.03	-.07
g. CLproject	1,061	2.78	2.72	2.61	2.64	.025	.006	.005	.002	.80	.83	.86	.89	1,207	1,148	1,068	.010	.000	.000	.08	.21	.17
h. present	1,059	2.62	2.56	2.36	2.27	.028	.007	.005	.002	.91	.89	.91	.91	17,751	30,665	1,064	.039	.000	.000	.07	.29	.38
2 a. RIintegrate	1,045	2.65	2.58	2.55	2.57	.026	.007	.005	.001	.83	.84	.84	.85	17,479	30,195	343,839	.008	.000	.005	.08	.12	.09
b. RISocietal	1,039	2.80	2.56	2.54	2.56	.027	.007	.005	.002	.88	.87	.88	.88	17,386	1,114	1,044	.000	.000	.000	.27	.30	.27
c. RIDiverse	1,035	2.87	2.57	2.54	2.56	.027	.007	.005	.002	.87	.90	.90	.90	1,179	1,116	1,041	.000	.000	.000	.34	.37	.35
d. Rlownview	1,022	2.89	2.75	2.73	2.77	.024	.006	.005	.001	.77	.80	.80	.81	1,166	1,102	1,027	.000	.000	.000	.17	.19	.14
e. Rlperspect	1,008	3.03	2.94	2.90	2.92	.024	.006	.005	.001	.77	.77	.78	.79	16,738	1,085	1,014	.000	.000	.000	.12	.17	.14
f. RInewview	990	2.94	2.88	2.84	2.85	.025	.006	.005	.001	.79	.77	.78	.79	16,537	28,326	322,571	.022	.000	.001	.08	.12	.10
g. RIconnect	979	3.08	2.99	2.99	3.03	.024	.006	.005	.001	.74	.74	.75	.74	16,340	27,953	318,204	.000	.000	.051	.12	.13	.06
3 a. SFcareer	983	2.23	2.19	2.21	2.33	.031	.008	.006	.002	.96	.93	.93	.93	16,356	27,946	318,027	.196	.443	.002	.04	.02	-.10
b. SFotherwork	971	1.73	1.70	1.71	1.80	.030	.007	.005	.002	.93	.90	.90	.92	16,269	27,776	316,157	.437	.467	.013	.03	.02	-.08
c. SFdiscuss	964	1.95	1.90	1.92	2.02	.029	.007	.005	.002	.90	.89	.88	.90	16,135	27,478	312,905	.100	.209	.031	.05	.04	-.07
d. SFperform	968	2.10	2.05	2.05	2.14	.029	.007	.005	.002	.89	.89	.88	.89	16,110	27,452	312,590	.058	.044	.177	.06	.07	-.04
4 a. memorize	958	2.77	2.95	2.92	2.91	.025	.006	.005	.001	.78	.79	.79	.80	1,088	27,201	310,216	.000	.000	.000	-.22	-.19	-.18
b. HOapply	951	2.81	2.81	2.82	2.91	.025	.007	.005	.001	.77	.81	.80	.80	15,864	27,048	308,303	.996	.669	.000	.00	-.01	-.13
c. HOanalyze	936	2.95	2.85	2.85	2.90	.026	.007	.005	.001	.80	.81	.81	.81	1,061	1,007	304,866	.001	.000	.111	.11	.12	.05
d. HOevaluate	936	3.01	2.91	2.89	2.89	.025	.007	.005	.001	.77	.79	.80	.81	1,065	1,010	941	.000	.000	.000	.12	.15	.14
e. HOform	936	2.97	2.87	2.86	2.89	.025	.007	.005	.001	.77	.79	.80	.80	1,066	1,012	942	.000	.000	.002	.12	.13	.10
5 a. ETgoals	924	3.09	3.02	3.03	3.06	.025	.007	.005	.001	.75	.79	.79	.78	15,441	26,134	299,022	.008	.010	.192	.09	.09	.04
b. ETorganize	923	2.90	2.93	2.94	2.99	.028	.007	.005	.002	.84	.85	.84	.82	15,371	26,023	927	.291	.172	.002	-.04	-.05	-.11
c. ETexample	925	2.96	2.99	2.98	3.02	.027	.007	.005	.002	.82	.84	.83	.82	15,343	25,989	297,360	.333	.394	.027	-.03	-.03	-.07
d. ETdraftfb	920	2.94	2.85	2.81	2.81	.029	.007	.006	.002	.87	.89	.90	.91	15,299	993	926	.002	.000	.000	.10	.15	.14
e. ETfeedback	922	2.76	2.72	2.71	2.73	.031	.007	.006	.002	.93	.90	.90	.90	1,033	985	927	.173	.111	.263	.05	.06	.04
6 a. QRconclude	910	2.62	2.55	2.53	2.58	.028	.007	.005	.002	.84	.85	.86	.87	15,063	25,413	915	.029	.003	.158	.07	.10	.05
b. QRproblem	905	2.47	2.34	2.30	2.33	.030	.008	.006	.002	.91	.91	.90	.92	14,985	25,234	290,113	.000	.000	.000	.14	.18	.15
c. QRevaluate	908	2.44	2.33	2.28	2.33	.028	.007	.006	.002	.86	.87	.88	.89	14,932	25,142	288,956	.000	.000	.000	.13	.18	.13

NSSE 2020 Frequencies and Statistical Comparisons

Detailed Statistics^g

San Francisco State University

First-Year Students

Variable Name	N		Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ				Significance ^k			Effect size ^e		
	SF State		CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	SF State	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	SF State	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	Comparisons with:				Comparisons with:			Comparisons with:			
	SF State	SF State												CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	CSU Campuses	Carnegie 10k+ Public
7 a. wrshortnum	900	6.45	6.17	6.22	6.48	.183	.045	.035	.011	5.48	5.30	5.51	5.69	14,872	25,006	288,317	.124	.217	.862	.05	.04	-.01		
b. wrmednum	894	2.59	2.59	2.33	2.31	.128	.031	.023	.006	3.84	3.66	3.50	3.40	14,842	949	898	.963	.045	.031	.00	.07	.08		
c. wrlongnum	899	1.39	1.18	1.04	1.00	.127	.028	.020	.005	3.81	3.36	3.08	2.94	990	942	901	.110	.006	.002	.06	.11	.13		
— wrpages	891	60.13	56.40	52.38	52.44	3.014	.696	.494	.138	89.98	81.87	76.43	73.67	987	938	894	.229	.011	.011	.05	.10	.10		
8 a. DDrace	898	3.22	3.08	2.98	3.04	.028	.008	.006	.002	.85	.89	.91	.91	14,826	24,916	287,044	.000	.000	.000	.16	.26	.20		
b. DDeconomic	892	3.10	2.97	2.94	3.02	.029	.008	.006	.002	.87	.89	.89	.88	14,769	24,830	286,245	.000	.000	.015	.15	.17	.08		
c. DDreligion	896	2.95	2.84	2.87	2.94	.032	.008	.006	.002	.95	.95	.94	.94	14,777	24,837	286,265	.001	.007	.649	.11	.09	.02		
d. DDpolitical	895	2.58	2.72	2.79	2.89	.033	.008	.006	.002	.98	.97	.95	.94	14,791	958	899	.000	.000	.000	-.14	-.23	-.33		
9 a. LSreading	890	3.02	2.94	2.95	3.00	.025	.006	.005	.001	.76	.75	.76	.77	14,703	24,678	284,325	.002	.007	.396	.11	.09	.03		
b. LSnotes	887	2.92	2.87	2.88	2.91	.029	.007	.006	.002	.88	.87	.87	.88	14,670	24,647	283,950	.082	.202	.720	.06	.04	.01		
c. LSsummary	886	2.81	2.75	2.77	2.83	.029	.007	.006	.002	.87	.87	.87	.87	14,671	24,629	283,979	.039	.165	.588	.07	.05	-.02		
10. challenge	886	5.14	5.30	5.34	5.42	.041	.010	.008	.002	1.22	1.22	1.23	1.24	1,003	954	891	.000	.000	.000	-.13	-.16	-.23		
11 a. intern ^l	884	.091	.055	.058	.073	.0097	.0020	.0015	.0005	--	--	--	--	--	--	--	.000	.000	.048	.14	.13	.06		
b. leader ^l	882	.064	.068	.073	.103	.0083	.0022	.0017	.0006	--	--	--	--	--	--	--	.668	.324	.000	-.02	-.03	-.14		
c. learncom ^l	879	.143	.103	.101	.127	.0118	.0026	.0020	.0006	--	--	--	--	--	--	--	.000	.000	.157	.12	.13	.05		
d. abroad ^l	879	.019	.021	.021	.028	.0046	.0012	.0009	.0003	--	--	--	--	--	--	--	.697	.638	.097	-.01	-.02	-.06		
e. research ^l	875	.044	.033	.038	.047	.0070	.0015	.0012	.0004	--	--	--	--	--	--	--	.089	.312	.734	.06	.03	-.01		
f. capstone ^l	874	.018	.020	.017	.020	.0045	.0012	.0008	.0003	--	--	--	--	--	--	--	.699	.767	.703	-.01	.01	-.01		
12. servcourse	869	1.80	1.69	1.66	1.64	.025	.006	.005	.001	.75	.73	.71	.71	14,359	24,026	277,960	.000	.000	.000	.16	.20	.24		
13 a. QIstudent	859	5.18	5.37	5.34	5.45	.050	.012	.009	.003	1.46	1.37	1.40	1.36	14,210	23,677	273,127	.000	.002	.000	-.13	-.11	-.20		
b. QIadvisor	813	5.10	5.20	5.23	5.38	.057	.014	.011	.003	1.61	1.60	1.65	1.58	13,636	875	271,249	.088	.031	.000	-.06	-.08	-.18		
c. QIfaculty	837	5.03	5.14	5.24	5.41	.053	.013	.010	.003	1.52	1.48	1.45	1.37	13,963	23,454	840	.039	.000	.000	-.07	-.14	-.28		
d. QIstaff	752	4.75	4.99	5.08	5.19	.060	.016	.012	.003	1.65	1.69	1.66	1.58	12,400	20,408	755	.000	.000	.000	-.14	-.19	-.28		
e. QIadmin	791	4.74	5.01	5.06	5.16	.058	.015	.011	.003	1.64	1.65	1.63	1.59	13,049	21,840	256,009	.000	.000	.000	-.17	-.20	-.26		
14 a. empstudy	860	2.87	3.07	3.04	3.08	.026	.007	.005	.001	.76	.76	.75	.75	14,223	922	275,839	.000	.000	.000	-.27	-.23	-.28		
b. SEacademic	862	2.87	3.01	2.99	3.04	.028	.007	.006	.002	.81	.82	.84	.83	14,194	23,719	275,015	.000	.000	.000	-.17	-.15	-.22		
c. SElearnsup	858	2.88	3.07	3.08	3.10	.032	.008	.006	.002	.95	.90	.89	.88	960	915	862	.000	.000	.000	-.22	-.22	-.25		
d. SEdiverse	856	2.86	2.80	2.76	2.76	.031	.008	.006	.002	.90	.94	.95	.95	978	929	861	.053	.001	.002	.07	.11	.10		
e. SESocial	853	2.72	2.90	2.90	2.96	.031	.008	.006	.002	.91	.89	.89	.88	961	915	857	.000	.000	.000	-.20	-.20	-.28		
f. SEwellness	856	2.87	2.93	2.90	2.92	.030	.008	.006	.002	.87	.92	.91	.90	14,100	23,514	273,359	.086	.364	.178	-.06	-.03	-.05		

NSSE 2020 Frequencies and Statistical Comparisons

Detailed Statistics^g

San Francisco State University

First-Year Students

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	SF State	SF State	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	SF State	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	SF State	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:						
														CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020				
g. SEnonacad	856	2.33	2.43	2.38	2.35	.033	.009	.006	.002	.97	.98	.98	.97	14,117	23,507	273,307	.002	.117	.577	-.11	-.05	-.02				
h. SEactivities	855	2.31	2.65	2.69	2.79	.034	.008	.006	.002	.99	.97	.95	.94	14,076	23,487	859	.000	.000	.000	-.35	-.39	-.51				
i. SEevents	853	2.36	2.43	2.44	2.47	.033	.009	.006	.002	.97	.99	.97	.96	14,096	23,471	272,902	.047	.012	.001	-.07	-.09	-.11				
15 a. SBmyself	853	3.18	3.18	3.20	3.26	.022	.007	.006	.002	.64	.66	.67	.69	10,587	993	863	.761	.359	.000	-.01	-.03	-.12				
b. SBvalued	856	2.90	2.96	2.97	3.01	.024	.007	.007	.002	.69	.68	.70	.74	1,008	12,375	153,895	.009	.006	.000	-.09	-.10	-.14				
c. SBcommunity	854	2.79	2.93	2.95	3.02	.026	.007	.007	.002	.76	.73	.74	.77	995	978	863	.000	.000	.000	-.19	-.21	-.29				
16 a. tmprephrs	852	12.10	13.25	13.33	14.42	.256	.068	.053	.016	7.47	7.87	7.92	8.15	14,049	23,394	858	.000	.000	.000	-.15	-.15	-.28				
b. tmcocurrhrs	850	3.81	4.28	4.35	5.61	.209	.056	.043	.014	6.09	6.42	6.49	7.05	974	923	856	.030	.011	.000	-.07	-.08	-.26				
c. tmworkonhrs	848	1.94	1.73	1.91	2.42	.192	.045	.036	.011	5.60	5.21	5.46	5.77	944	23,337	853	.295	.901	.012	.04	.00	-.08				
d. tmworkoffhrs	848	8.34	5.97	7.29	5.91	.358	.082	.072	.019	10.42	9.43	10.74	10.11	939	23,345	852	.000	.005	.000	.25	.10	.24				
— tmworkhrs	844	10.24	7.65	9.16	8.30	.424	.098	.081	.023	12.32	11.21	12.11	11.68	935	23,242	847	.000	.011	.000	.23	.09	.17				
e. tmservicehrs	846	2.47	2.40	2.45	2.52	.186	.044	.033	.009	5.40	5.04	4.98	4.90	942	899	849	.738	.908	.790	.01	.00	-.01				
f. tmrelaxhrs	848	12.60	12.24	12.19	12.55	.301	.077	.059	.017	8.77	8.85	8.78	8.61	14,028	23,360	271,221	.252	.178	.875	.04	.05	.01				
g. tmcarehrs	851	2.90	3.47	3.62	3.07	.211	.060	.051	.015	6.15	6.89	7.59	7.55	993	951	858	.009	.001	.427	-.08	-.09	-.02				
h. tmcommutehrs	850	5.76	6.32	5.77	4.09	.266	.063	.046	.012	7.75	7.25	6.90	6.34	948	901	853	.039	.972	.000	-.08	.00	.26				
17. reading	849	2.96	2.78	2.80	2.71	.037	.009	.007	.002	1.06	1.06	1.07	1.09	960	913	853	.000	.000	.000	.17	.15	.23				
— tmreadinghrs	847	6.08	6.15	6.26	6.46	.181	.048	.037	.011	5.26	5.46	5.57	5.70	13,952	919	852	.747	.333	.036	-.01	-.03	-.07				
18 a. pgwrite	847	2.88	2.86	2.84	2.80	.027	.007	.006	.002	.78	.81	.83	.87	13,932	919	852	.442	.120	.002	.03	.05	.10				
b. pgspeak	846	2.90	2.92	2.77	2.68	.029	.007	.006	.002	.83	.82	.88	.92	13,938	918	852	.419	.000	.000	-.03	.14	.23				
c. pgthink	846	3.07	3.07	3.05	3.08	.026	.007	.005	.002	.77	.79	.79	.80	13,923	23,157	851	.948	.470	.939	.00	.03	.00				
d. pganalyze	847	2.70	2.73	2.67	2.68	.031	.008	.006	.002	.91	.89	.92	.94	13,921	23,188	852	.313	.339	.404	-.04	.03	.03				
e. pgwork	845	2.40	2.48	2.52	2.63	.034	.008	.006	.002	.98	.95	.94	.95	13,897	23,142	269,525	.011	.000	.000	-.09	-.13	-.24				
f. pgothers	848	2.86	2.90	2.84	2.86	.030	.007	.006	.002	.88	.85	.87	.88	953	23,141	269,359	.279	.438	.831	-.04	.03	.01				
g. pgvalues	846	2.72	2.71	2.68	2.72	.031	.008	.006	.002	.91	.92	.93	.94	13,913	23,127	850	.686	.178	.957	.01	.05	.00				
h. pgdiverse	849	3.07	2.89	2.83	2.81	.029	.008	.006	.002	.85	.90	.92	.93	977	924	854	.000	.000	.000	.19	.26	.28				
i. pgprobsolve	845	2.68	2.63	2.62	2.66	.032	.008	.006	.002	.93	.93	.93	.93	13,922	23,166	269,479	.107	.074	.514	.06	.06	.02				
j. pgcitizen	851	2.74	2.66	2.66	2.66	.032	.008	.006	.002	.92	.92	.93	.94	13,942	23,202	856	.015	.012	.012	.09	.09	.08				
19. evalexp	854	2.90	3.06	3.11	3.18	.024	.006	.005	.001	.70	.72	.74	.74	13,996	926	859	.000	.000	.000	-.22	-.28	-.37				
20. sameinst	860	2.95	3.13	3.19	3.21	.027	.007	.005	.002	.78	.78	.78	.80	973	926	865	.000	.000	.000	-.23	-.31	-.33				
21. returnexp ¹	860	.854	.905	.879	.879	.0120	.0025	.0022	.0006	--	--	--	--	--	--	--	.000	.032	.028	-.16	-.07	-.07				

NSSE 2020 Frequencies and Statistical Comparisons

Detailed Statistics^g

San Francisco State University

Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
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														CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020
1 a. askquest	2,050	2.91	2.90	3.01	3.06	.019	.006	.004	.001	.87	.89	.88	.88	27,667	42,360	444,583	.676	.000	.000	.01	-.12	-.17
b. unpreparedr	2,047	2.92	2.91	3.00	3.02	.017	.005	.004	.001	.77	.80	.80	.82	2,415	42,144	2,068	.794	.000	.000	.01	-.10	-.12
c. attendart	2,039	1.76	1.67	1.65	1.75	.020	.005	.004	.001	.89	.83	.84	.89	2,331	2,227	441,712	.000	.000	.401	.11	.13	.02
d. CLaskhelp	2,046	2.59	2.58	2.46	2.43	.019	.006	.005	.001	.86	.89	.90	.93	2,406	2,279	2,067	.778	.000	.000	.01	.14	.17
e. CLexplain	2,042	2.77	2.81	2.74	2.70	.018	.005	.004	.001	.81	.82	.85	.90	27,455	2,277	2,065	.026	.162	.000	-.05	.03	.08
f. CLstudy	2,028	2.59	2.61	2.49	2.46	.021	.006	.005	.002	.93	.96	.98	1.02	2,392	2,265	2,050	.420	.000	.000	-.02	.11	.13
g. CLproject	2,029	3.01	3.04	2.90	2.81	.019	.005	.005	.001	.83	.84	.90	.95	2,373	2,277	2,052	.188	.000	.000	-.03	.13	.21
h. present	2,027	2.86	2.89	2.77	2.67	.021	.006	.005	.001	.93	.93	.96	.98	27,227	2,250	2,047	.163	.000	.000	-.03	.09	.20
2 a. RIintegrate	2,016	2.96	2.98	2.93	2.91	.018	.005	.004	.001	.82	.83	.85	.85	27,020	2,244	2,036	.148	.122	.013	-.03	.03	.05
b. RISocietal	2,000	2.87	2.83	2.79	2.78	.020	.006	.005	.001	.89	.90	.91	.91	26,929	2,221	2,019	.066	.000	.000	.04	.08	.10
c. RIDiverse	2,003	2.79	2.66	2.63	2.62	.020	.006	.005	.001	.91	.97	.97	.96	2,381	2,243	2,023	.000	.000	.000	.13	.17	.18
d. Rlownview	1,995	2.89	2.84	2.82	2.85	.018	.005	.004	.001	.80	.84	.84	.83	2,362	2,226	2,014	.004	.000	.021	.06	.08	.05
e. Rlperspect	1,984	3.05	3.02	2.99	2.98	.017	.005	.004	.001	.77	.80	.81	.80	26,340	39,919	418,804	.038	.000	.000	.05	.08	.09
f. RInewview	1,975	3.04	3.00	2.98	2.97	.017	.005	.004	.001	.76	.79	.79	.79	26,087	2,202	1,994	.059	.000	.000	.04	.08	.09
g. RIconnect	1,968	3.17	3.20	3.19	3.19	.016	.005	.004	.001	.72	.72	.72	.73	25,865	39,132	410,479	.104	.249	.230	-.04	-.03	-.03
3 a. SFcareer	1,962	2.34	2.41	2.40	2.45	.022	.006	.005	.002	.96	.98	.99	.99	2,311	2,187	1,982	.004	.015	.000	-.07	-.06	-.11
b. SFotherwork	1,961	1.87	1.92	1.90	1.96	.022	.007	.005	.002	.97	1.02	1.01	1.02	2,330	2,192	1,981	.033	.138	.000	-.05	-.03	-.09
c. SFdiscuss	1,951	2.11	2.12	2.12	2.16	.021	.006	.005	.002	.94	.96	.95	.96	25,589	38,613	1,970	.618	.725	.035	-.01	-.01	-.05
d. SFperform	1,949	2.26	2.21	2.20	2.22	.020	.006	.005	.001	.89	.93	.92	.93	25,635	38,625	405,695	.025	.008	.073	.05	.06	.04
4 a. memorize	1,950	2.79	2.89	2.82	2.76	.019	.006	.005	.001	.84	.86	.87	.88	25,482	2,181	1,970	.000	.195	.070	-.11	-.03	.04
b. HOapply	1,938	3.00	3.05	3.05	3.07	.018	.005	.004	.001	.80	.81	.81	.79	2,276	38,199	401,515	.008	.027	.000	-.06	-.05	-.08
c. HOanalyze	1,930	3.03	3.05	3.02	3.03	.018	.005	.004	.001	.79	.82	.82	.81	2,283	2,158	1,949	.268	.568	.902	-.03	.01	.00
d. HOevaluate	1,927	3.00	2.98	2.96	2.94	.019	.006	.004	.001	.81	.84	.84	.85	2,284	2,155	1,946	.478	.038	.004	.02	.05	.06
e. HOform	1,914	3.01	2.98	2.96	2.96	.018	.005	.004	.001	.79	.83	.82	.82	2,274	2,142	1,934	.083	.011	.011	.04	.06	.06
5 a. ETgoals	1,920	3.18	3.16	3.16	3.15	.017	.005	.004	.001	.76	.79	.79	.78	24,817	2,154	392,282	.281	.331	.077	.03	.02	.04
b. ETorganize	1,916	2.99	3.03	3.06	3.06	.019	.006	.005	.001	.82	.84	.84	.83	2,270	2,143	1,934	.038	.000	.000	-.05	-.08	-.09
c. ETexample	1,910	3.08	3.13	3.12	3.10	.018	.005	.004	.001	.81	.82	.83	.83	2,254	2,134	1,929	.016	.030	.242	-.06	-.05	-.03
d. ETdraftfb	1,914	2.81	2.81	2.82	2.79	.021	.006	.005	.002	.91	.94	.95	.96	2,273	2,149	1,934	.939	.597	.367	.00	-.01	.02
e. ETfeedback	1,914	2.78	2.78	2.82	2.83	.020	.006	.005	.001	.89	.92	.91	.91	2,273	36,909	389,032	.802	.098	.033	.01	-.04	-.05
6 a. QRconclude	1,904	2.64	2.63	2.62	2.65	.020	.006	.005	.001	.88	.90	.91	.91	24,337	2,129	1,923	.603	.342	.466	.01	.02	-.02
b. QRproblem	1,891	2.49	2.45	2.43	2.44	.022	.006	.005	.002	.95	.96	.95	.96	24,261	36,345	383,098	.060	.004	.020	.05	.07	.05
c. QRevaluate	1,885	2.49	2.46	2.42	2.44	.021	.006	.005	.001	.90	.92	.92	.92	24,167	36,196	381,944	.124	.001	.016	.04	.08	.06

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Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	SF State		CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	SF State	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	SF State	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:		
	SF State	SF State	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	SF State	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	SF State	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020
7 a. wrshortnum	1,891	8.39	7.77	7.52	7.69	.155	.044	.035	.011	6.73	6.56	6.54	6.69	2,207	2,092	380,543	.000	.000	.000	.09	.13	.11
b. wrmednum	1,879	4.44	4.16	3.78	3.67	.115	.033	.025	.007	4.97	4.89	4.64	4.58	2,198	2,062	1,894	.021	.000	.000	.06	.14	.17
c. wrlongnum	1,881	2.65	2.47	2.19	2.02	.105	.030	.023	.006	4.56	4.45	4.18	3.88	2,196	2,057	1,893	.105	.000	.000	.04	.11	.16
— wrpages	1,866	99.90	93.23	85.15	82.25	2.600	.745	.566	.161	112.31	110.41	104.16	98.85	2,183	2,046	1,880	.014	.000	.000	.06	.14	.18
8 a. DDrace	1,891	3.29	3.22	3.11	3.08	.019	.006	.005	.001	.83	.88	.91	.92	2,263	2,150	1,913	.002	.000	.000	.07	.20	.23
b. DDeconomic	1,876	3.11	3.11	3.05	3.06	.020	.006	.005	.001	.86	.89	.89	.88	2,229	35,875	378,777	.744	.002	.010	.01	.07	.06
c. DDreligion	1,885	3.02	2.99	2.97	2.97	.021	.006	.005	.002	.92	.94	.94	.94	24,022	35,891	378,833	.184	.038	.035	.03	.05	.05
d. DDpolitical	1,884	2.67	2.82	2.86	2.92	.022	.006	.005	.002	.97	.97	.95	.94	2,209	2,088	1,900	.000	.000	.000	-.16	-.19	-.27
9 a. LSreading	1,872	3.08	3.06	3.08	3.09	.018	.005	.004	.001	.77	.79	.79	.80	23,897	35,732	1,891	.484	.850	.369	.02	.00	-.02
b. LSnotes	1,866	2.87	2.86	2.88	2.85	.020	.006	.005	.002	.86	.91	.91	.93	2,234	2,103	1,887	.892	.508	.422	.00	-.01	.02
c. LSsummary	1,865	2.81	2.79	2.83	2.85	.020	.006	.005	.001	.86	.91	.90	.90	2,230	2,094	1,885	.501	.335	.038	.02	-.02	-.05
10. challenge	1,862	5.44	5.56	5.57	5.56	.029	.009	.007	.002	1.26	1.30	1.31	1.30	2,211	2,088	374,554	.000	.000	.000	-.09	-.10	-.09
11 a. intern ^l	1,863	.331	.425	.435	.482	.0109	.0033	.0027	.0008	--	--	--	--	--	--	--	.000	.000	.000	-.19	-.21	-.31
b. leader ^l	1,857	.200	.250	.264	.343	.0093	.0029	.0024	.0008	--	--	--	--	--	--	--	.000	.000	.000	-.12	-.15	-.33
c. learncom ^l	1,853	.173	.193	.203	.224	.0088	.0027	.0022	.0007	--	--	--	--	--	--	--	.034	.002	.000	-.05	-.08	-.13
d. abroad ^l	1,845	.070	.087	.082	.140	.0059	.0019	.0015	.0006	--	--	--	--	--	--	--	.011	.055	.000	-.06	-.05	-.23
e. research ^l	1,850	.143	.173	.184	.228	.0081	.0026	.0021	.0007	--	--	--	--	--	--	--	.001	.000	.000	-.08	-.11	-.22
f. capstone ^l	1,850	.365	.414	.415	.445	.0112	.0033	.0027	.0008	--	--	--	--	--	--	--	.000	.000	.000	-.10	-.10	-.16
12. servcourse	1,837	1.85	1.86	1.82	1.75	.017	.005	.004	.001	.72	.74	.75	.72	23,405	2,064	1,855	.663	.040	.000	-.01	.05	.14
13 a. QIstudent	1,832	5.48	5.64	5.62	5.60	.031	.009	.007	.002	1.32	1.32	1.33	1.33	23,232	34,498	360,721	.000	.000	.000	-.13	-.11	-.10
b. QIadvisor	1,816	5.01	5.19	5.17	5.29	.040	.012	.010	.003	1.69	1.70	1.74	1.74	2,147	2,037	1,834	.000	.000	.000	-.11	-.09	-.16
c. QIfaculty	1,827	5.28	5.43	5.48	5.54	.034	.010	.008	.002	1.43	1.44	1.42	1.38	23,149	34,574	1,843	.000	.000	.000	-.10	-.14	-.19
d. QIstaff	1,519	4.72	5.01	5.00	5.02	.044	.013	.011	.003	1.73	1.71	1.73	1.70	19,052	27,776	1,533	.000	.000	.000	-.17	-.16	-.18
e. QIadmin	1,754	4.74	5.02	5.02	5.02	.041	.012	.010	.003	1.70	1.67	1.69	1.70	2,059	1,956	344,430	.000	.000	.000	-.17	-.17	-.17
14 a. empstudy	1,842	3.04	3.14	3.10	3.11	.018	.005	.004	.001	.76	.78	.78	.77	2,181	2,059	1,860	.000	.001	.000	-.13	-.08	-.10
b. SEacademic	1,838	2.75	2.93	2.92	2.93	.020	.006	.005	.001	.85	.86	.87	.86	2,175	2,057	1,856	.000	.000	.000	-.21	-.19	-.21
c. SElearnsup	1,834	2.65	2.85	2.84	2.86	.022	.007	.005	.002	.95	.96	.95	.94	23,197	2,047	1,852	.000	.000	.000	-.21	-.20	-.22
d. SEdiverse	1,831	2.76	2.74	2.70	2.63	.023	.007	.005	.002	.96	.99	.99	1.00	2,177	2,052	1,850	.521	.011	.000	.02	.06	.13
e. SEsocial	1,832	2.64	2.83	2.80	2.81	.022	.006	.005	.002	.94	.92	.93	.93	2,148	2,038	1,850	.000	.000	.000	-.21	-.17	-.18
f. SEwellness	1,829	2.68	2.84	2.76	2.72	.022	.007	.005	.002	.95	.95	.96	.97	2,158	34,486	366,429	.000	.001	.095	-.17	-.08	-.04

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														CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020	CSU Campuses	Carnegie 10k+ Public	NSSE 2019 & 2020
g. SEnonacad	1,826	2.05	2.21	2.15	2.11	.022	.007	.006	.002	.95	1.01	1.00	.99	2,191	2,056	1,845	.000	.000	.013	-.15	-.10	-.06
h. SEactivities	1,824	2.16	2.50	2.48	2.54	.022	.007	.005	.002	.94	.99	.99	1.00	2,183	2,055	1,844	.000	.000	.000	-.34	-.32	-.37
i. SEevents	1,828	2.24	2.34	2.33	2.30	.022	.007	.005	.002	.94	.98	.97	.97	2,183	2,053	1,847	.000	.000	.010	-.10	-.09	-.06
15 a. SBmyself	1,825	3.24	3.30	3.29	3.32	.016	.005	.005	.002	.70	.71	.71	.71	2,246	2,240	1,857	.001	.006	.000	-.08	-.07	-.11
b. SBvalued	1,829	2.78	2.93	2.91	2.93	.019	.006	.006	.002	.80	.79	.81	.85	2,234	2,236	214,498	.000	.000	.000	-.20	-.17	-.18
c. SBcommunity	1,836	2.79	2.93	2.92	2.97	.018	.006	.006	.002	.79	.80	.81	.83	2,259	19,431	214,595	.000	.000	.000	-.18	-.16	-.21
16 a. tmprephrs	1,830	13.70	14.47	14.58	14.95	.191	.059	.048	.015	8.17	8.61	8.72	8.76	2,195	2,070	1,850	.000	.000	.000	-.09	-.10	-.14
b. tmcocurrhrs	1,825	4.03	4.36	4.20	4.96	.155	.047	.037	.012	6.63	6.81	6.73	7.18	2,170	34,267	1,846	.044	.286	.000	-.05	-.03	-.13
c. tmworkonhrs	1,823	2.39	2.91	2.86	3.64	.143	.045	.037	.012	6.10	6.55	6.67	7.13	2,202	2,075	1,848	.000	.001	.000	-.08	-.07	-.18
d. tmworkoffhrs	1,826	15.52	14.06	14.81	13.02	.298	.087	.073	.022	12.73	12.60	13.19	13.39	22,951	2,051	1,845	.000	.020	.000	.12	.05	.19
— tmworkhrs	1,815	17.83	16.95	17.66	16.64	.309	.090	.074	.022	13.16	13.03	13.36	13.47	22,832	34,112	1,833	.006	.607	.000	.07	.01	.09
e. tmservicehrs	1,832	3.47	3.74	3.45	3.27	.145	.044	.034	.009	6.21	6.37	6.05	5.71	22,913	2,033	1,847	.080	.864	.170	-.04	.00	.03
f. tmrelaxhrs	1,824	11.92	10.85	10.51	10.93	.199	.058	.046	.014	8.52	8.39	8.27	8.22	22,948	34,253	364,169	.000	.000	.000	.13	.17	.12
g. tmcarehrs	1,823	4.76	5.96	6.71	6.27	.207	.071	.062	.019	8.82	10.26	11.15	11.20	2,271	2,164	1,851	.000	.000	.000	-.12	-.18	-.14
h. tmcommutehrs	1,826	8.11	7.27	6.62	5.00	.174	.049	.038	.011	7.42	7.16	6.91	6.41	2,130	2,007	1,838	.000	.000	.000	.12	.22	.48
17. reading	1,816	3.00	2.90	2.90	2.81	.027	.008	.006	.002	1.13	1.18	1.17	1.18	2,166	2,036	1,835	.000	.000	.000	.09	.09	.17
— tmreadinghrs	1,813	7.06	7.19	7.25	7.06	.142	.045	.036	.011	6.03	6.47	6.48	6.31	2,189	2,056	1,832	.369	.188	.968	-.02	-.03	.00
18 a. pgwrite	1,826	2.99	3.06	3.04	3.01	.020	.006	.005	.001	.84	.85	.87	.88	2,160	2,049	1,845	.001	.017	.186	-.08	-.06	-.03
b. pgspeak	1,823	2.92	3.02	2.96	2.93	.021	.006	.005	.002	.88	.88	.90	.93	22,862	34,121	1,842	.000	.069	.755	-.11	-.04	-.01
c. pgthink	1,825	3.20	3.30	3.29	3.31	.018	.005	.004	.001	.79	.78	.79	.78	22,874	2,035	362,987	.000	.000	.000	-.13	-.11	-.13
d. pganalyze	1,823	2.82	2.95	2.91	2.90	.022	.007	.005	.002	.95	.94	.95	.97	2,143	34,129	362,860	.000	.000	.000	-.13	-.09	-.08
e. pgwork	1,821	2.69	2.89	2.90	2.95	.022	.007	.005	.002	.96	.96	.97	.96	2,148	2,035	1,839	.000	.000	.000	-.20	-.22	-.28
f. pgothers	1,819	3.01	3.13	3.07	3.06	.020	.006	.005	.001	.87	.85	.87	.89	2,127	2,031	1,837	.000	.001	.015	-.14	-.08	-.06
g. pgvalues	1,821	2.87	2.92	2.87	2.86	.021	.007	.005	.002	.91	.96	.98	.98	2,179	2,062	1,841	.065	.871	.546	-.04	.00	.01
h. pgdiverse	1,822	3.06	3.02	2.95	2.88	.021	.006	.005	.002	.90	.93	.96	.97	22,833	2,058	1,842	.086	.000	.000	.04	.11	.18
i. pgprobsolve	1,824	2.79	2.86	2.84	2.86	.021	.007	.005	.002	.92	.94	.96	.95	22,850	2,053	362,787	.002	.023	.002	-.08	-.05	-.07
j. pgcitizen	1,824	2.75	2.77	2.75	2.73	.022	.007	.006	.002	.96	.98	.99	.99	2,169	2,048	1,843	.465	.856	.315	-.02	.00	.02
19. evalexp	1,831	2.98	3.19	3.21	3.24	.018	.005	.004	.001	.76	.76	.77	.77	2,161	2,048	1,849	.000	.000	.000	-.28	-.30	-.34
20. sameinst	1,832	2.96	3.22	3.23	3.23	.020	.006	.005	.001	.86	.82	.83	.85	2,130	2,028	1,850	.000	.000	.000	-.31	-.33	-.31

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."