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**NSSE 2020**  
**Frequencies and Statistical Comparisons**  
California State University-Long Beach

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# NSSE 2020 Frequencies and Statistical Comparisons


## About This Report

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

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

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

6. **Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (\* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$ ). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes 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

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	3	0	244	2	54	2	6,952	3	<b>3.3</b>	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
		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								
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	<b>2.5</b>	2.5	-.04	2.6 *	-.09	2.6	-.05	
		2	Sometimes	267	42	5,959	37	978	14	79,495	34								
		3	Often	164	26	4,548	29	88	1	67,348	29								
		4	Very often	113	19	2,072	20	52	21	47,208	21								
			Total	626	100	15,118	100	2,858	100	229,541	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6	<b>3.1</b>	3.1	.02	3.1	-.04	3.0	.06	
		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								

7. **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

## California State University-Long Beach

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	The Beach				Far West Public				Carnegie Class				NSSE 2019 & 2020				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020					
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>1. During the current school year, about how often have you done the following?</b>																															
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	55	5	533	5	2,480	4	9,163	4	<b>2.6</b>	2.6	-.02	2.8 ***	-.22	2.8 ***	-.23													
		2	Sometimes	598	46	5,569	46	23,115	37	93,865	37																				
		3	Often	446	34	4,151	33	21,758	35	89,811	35																				
		4	Very often	198	15	2,044	17	14,449	24	62,257	24																				
		Total		1,297	100	12,297	100	61,802	100	255,096	100																				
b. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	64	5	624	5	2,701	4	12,154	5	<b>3.0</b>	3.0	.02	3.1 ***	-.12	3.1	-.05													
		2	Often	158	13	1,581	13	6,494	11	29,163	12																				
		3	Sometimes	743	57	6,977	56	32,699	53	139,895	55																				
		4	Never	330	25	3,088	25	19,671	32	72,978	29																				
		Total		1,295	100	12,270	100	61,565	100	254,190	100																				
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	531	42	6,137	50	27,499	47	104,761	43	<b>1.8</b>	1.7 ***	.15	1.8	.05	1.8	-.02													
		2	Sometimes	506	39	4,238	34	21,768	34	93,938	36																				
		3	Often	194	15	1,277	11	7,810	12	35,198	13																				
		4	Very often	64	5	593	5	4,319	7	19,722	7																				
		Total		1,295	100	12,245	100	61,396	100	253,619	100																				
d. Asked another student to help you understand course material	CLaskhelp	1	Never	64	5	731	7	7,404	14	23,243	11	<b>2.7</b>	2.7 *	.06	2.5 ***	.26	2.6 ***	.15													
		2	Sometimes	461	36	4,495	38	23,007	38	92,768	37																				
		3	Often	515	40	4,582	36	20,895	33	90,262	34																				
		4	Very often	247	19	2,428	19	10,028	15	46,976	18																				
		Total		1,287	100	12,236	100	61,334	100	253,249	100																				
e. Explained course material to one or more students	CLexplain	1	Never	47	4	549	5	5,526	10	15,387	7	<b>2.7</b>	2.7 *	-.06	2.6 ***	.08	2.7	-.03													
		2	Sometimes	532	41	4,601	38	22,535	37	90,477	36																				
		3	Often	517	40	4,787	39	22,848	36	99,449	38																				
		4	Very often	190	15	2,275	19	10,222	16	47,232	19																				
		Total		1,286	100	12,212	100	61,131	100	252,545	100																				
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	146	11	1,705	15	11,204	20	36,981	16	<b>2.6</b>	2.5 ***	.11	2.4 ***	.20	2.5 **	.08													
		2	Sometimes	449	35	4,348	36	20,820	35	84,824	34																				
		3	Often	448	35	3,958	32	18,371	29	79,901	31																				
		4	Very often	242	19	2,147	17	10,417	16	49,472	19																				
		Total		1,285	100	12,158	100	60,812	100	251,178	100																				

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2019 & 2020								Your first-year students compared with							
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Worked with other students on course projects or assignments	CLproject	1	Never	60	5	597	5	6,906	13	20,976	10	<b>2.8</b>	2.7	.05	2.6 ***	.22	2.6 ***	.14	
		2	Sometimes	447	35	4,303	36	21,148	36	88,721	36								
		3	Often	514	41	4,874	40	21,726	35	92,606	36								
		4	Very often	253	20	2,324	19	10,650	17	47,356	18								
		Total		1,274	100	12,098	100	60,430	100	249,659	100								
h. Given a course presentation	present	1	Never	159	13	1,290	11	11,427	20	47,445	20	<b>2.5</b>	2.6 ***	-.13	2.3 ***	.15	2.3 ***	.20	
		2	Sometimes	510	40	4,436	37	24,533	40	108,995	43								
		3	Often	461	36	4,346	35	16,913	28	64,790	25								
		4	Very often	146	11	2,023	17	7,488	12	28,071	11								
		Total		1,276	100	12,095	100	60,361	100	249,301	100								
<b>2. During the current school year, about how often have you done the following?</b>																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	89	7	934	9	5,459	10	20,371	9	<b>2.5</b>	2.6 *	-.07	2.6	-.02	2.6	-.05	
		2	Sometimes	557	44	4,668	39	23,478	39	96,637	39								
		3	Often	457	36	4,556	38	21,920	37	91,651	37								
		4	Very often	149	12	1,775	15	8,607	14	36,936	15								
		Total		1,252	100	11,933	100	59,464	100	245,595	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	133	11	1,081	10	5,800	11	22,551	10	<b>2.5</b>	2.6 **	-.09	2.6 *	-.06	2.6 *	-.07	
		2	Sometimes	503	40	4,438	38	22,829	39	93,932	39								
		3	Often	443	35	4,390	36	21,044	35	87,695	35								
		4	Very often	169	13	1,959	16	9,325	16	39,489	16								
		Total		1,248	100	11,868	100	58,998	100	243,667	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	138	12	1,136	11	6,719	12	25,144	12	<b>2.5</b>	2.6 ***	-.11	2.5	-.04	2.6 *	-.06	
		2	Sometimes	482	40	4,258	36	21,993	37	90,325	38								
		3	Often	436	35	4,211	35	19,858	34	84,000	34								
		4	Very often	172	14	2,180	18	9,884	17	42,018	17								
		Total		1,228	100	11,785	100	58,454	100	241,487	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	57	5	505	5	2,783	5	10,843	5	<b>2.7</b>	2.8 ***	-.11	2.8 ***	-.10	2.8 ***	-.11	
		2	Sometimes	443	37	3,750	33	18,696	32	75,840	32								
		3	Often	536	44	5,201	44	25,687	44	107,661	44								
		4	Very often	177	15	2,215	19	10,620	19	44,528	19								
		Total		1,213	100	11,671	100	57,786	100	238,872	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

## California State University-Long Beach

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	The Beach				NSSE 2019 & 2020				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	27	3	274	3	1,659	3	6,269	3	<b>2.9</b>	2.9	-0.06	2.9	.00	2.9	-0.02	
		2	Sometimes	303	25	2,741	24	14,968	27	61,162	26								
		3	Often	612	51	5,566	48	26,519	46	110,190	46								
		4	Very often	253	21	2,955	25	13,800	24	57,875	25								
		Total		1,195	100	11,536	100	56,946	100	235,496	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	22	2	266	3	1,545	3	6,251	3	<b>2.9</b>	2.9	-0.03	2.8	.01	2.9	.01	
		2	Sometimes	357	31	3,144	28	16,679	30	68,507	30								
		3	Often	549	46	5,417	47	25,714	45	105,987	45								
		4	Very often	246	21	2,570	22	12,145	21	51,407	22								
		Total		1,174	100	11,397	100	56,083	100	232,152	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	13	1	155	2	814	2	2,987	2	<b>3.0</b>	3.0	-0.03	3.0	-0.05	3.0 **	-0.08	
		2	Sometimes	261	22	2,499	23	11,999	22	47,309	21								
		3	Often	633	54	5,605	50	27,498	49	114,984	49								
		4	Very often	260	22	3,025	26	15,051	27	64,106	28								
		Total		1,167	100	11,284	100	55,362	100	229,386	100								
<b>3. During the current school year, about how often have you done the following?</b>																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	280	24	2,790	24	10,298	20	41,770	19	<b>2.2</b>	2.2	-0.05	2.3 ***	-0.17	2.3 ***	-0.18	
		2	Sometimes	521	45	4,779	42	23,261	42	98,201	43								
		3	Often	255	22	2,436	22	13,937	25	57,647	25								
		4	Very often	108	9	1,293	11	7,826	14	31,672	14								
		Total		1,164	100	11,298	100	55,322	100	229,290	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	700	59	6,035	53	26,571	49	106,957	48	<b>1.6</b>	1.7 ***	-0.14	1.8 ***	-0.21	1.8 ***	-0.23	
		2	Sometimes	290	25	3,156	28	16,793	30	72,503	31								
		3	Often	136	12	1,415	13	7,924	14	33,066	14								
		4	Very often	35	3	640	6	3,798	7	15,589	7								
		Total		1,161	100	11,246	100	55,086	100	228,115	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	441	38	4,308	38	17,739	34	69,796	32	<b>1.9</b>	1.9	-0.04	2.0 ***	-0.13	2.0 ***	-0.16	
		2	Sometimes	478	42	4,327	39	22,318	40	95,929	42								
		3	Often	180	16	1,807	16	10,354	18	42,962	19								
		4	Very often	52	5	717	7	4,148	7	17,317	8								
		Total		1,151	100	11,159	100	54,559	100	226,004	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Discussed your academic performance with a faculty member	SFperform	1	Never	327	28	3,369	30	13,112	25	54,450	25	<b>2.1</b>	2.1	.00	2.2 ***	-.12	2.1 ***	-.10	
		2	Sometimes	517	45	4,762	43	23,856	43	102,258	45								
		3	Often	233	21	2,178	20	12,400	22	49,271	22								
		4	Very often	73	6	844	8	5,150	9	19,879	9								
		Total		1,150	100	11,153	100	54,518	100	225,858	100								
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																			
a. Memorizing course material	memorize	1	Very little	45	4	323	3	1,775	4	7,987	4	<b>2.9</b>	2.9	-.02	2.9	.04	2.9	.02	
		2	Some	278	24	2,746	25	13,952	27	57,698	26								
		3	Quite a bit	530	47	5,172	46	25,090	46	102,512	46								
		4	Very much	290	25	2,836	25	13,305	24	56,165	25								
		Total		1,143	100	11,077	100	54,122	100	224,362	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	59	5	470	5	1,940	4	7,495	4	<b>2.8</b>	2.8 *	-.07	2.9 ***	-.13	2.9 ***	-.19	
		2	Some	352	31	3,216	29	14,645	28	56,753	26								
		3	Quite a bit	523	46	5,078	46	25,147	46	104,730	46								
		4	Very much	203	18	2,251	20	12,069	22	54,094	24								
		Total		1,137	100	11,015	100	53,801	100	223,072	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	52	5	421	4	1,998	4	7,725	4	<b>2.8</b>	2.9 *	-.08	2.9 **	-.09	2.9 ***	-.12	
		2	Some	328	29	3,032	28	14,564	28	58,307	27								
		3	Quite a bit	531	47	4,931	45	23,990	45	99,614	45								
		4	Very much	219	19	2,523	23	12,625	23	55,167	25								
		Total		1,130	100	10,907	100	53,177	100	220,813	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	47	4	326	3	1,775	4	7,991	4	<b>2.9</b>	2.9 **	-.09	2.9 *	-.06	2.9	-.04	
		2	Some	300	27	2,660	25	13,631	26	57,490	27								
		3	Quite a bit	547	48	5,161	47	24,695	46	100,688	45								
		4	Very much	236	21	2,724	25	12,800	24	53,415	24								
		Total		1,130	100	10,871	100	52,901	100	219,584	100								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	54	5	346	3	1,806	4	7,703	4	<b>2.8</b>	2.9 *	-.07	2.9 *	-.08	2.9 *	-.08	
		2	Some	299	27	2,910	28	13,889	27	57,473	27								
		3	Quite a bit	537	48	5,070	47	24,712	46	101,574	46								
		4	Very much	231	20	2,501	22	12,275	23	51,886	23								
		Total		1,121	100	10,827	100	52,682	100	218,636	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>5. During the current school year, to what extent have your instructors done the following?</b>																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	21	2	233	3	1,099	2	4,378	2	<b>3.0</b>	3.0	.02	3.1	-.02	3.1	-.02	
		2	Some	246	22	2,367	22	10,845	21	44,417	21								
		3	Quite a bit	506	46	4,899	45	23,714	45	100,791	46								
		4	Very much	344	30	3,244	30	16,621	32	67,468	31								
		Total		1,117	100	10,743	100	52,279	100	217,054	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	63	6	530	5	2,371	5	8,512	4	<b>2.9</b>	2.9	-.04	3.0 **	-.08	3.0 ***	-.11	
		2	Some	269	24	2,605	24	11,577	22	46,757	22								
		3	Quite a bit	496	44	4,628	43	23,140	44	99,314	45								
		4	Very much	286	26	2,935	28	15,008	29	61,806	29								
		Total		1,114	100	10,698	100	52,096	100	216,389	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	50	5	392	4	1,929	4	7,069	4	<b>3.0</b>	3.0	-.01	3.0	-.03	3.0	-.05	
		2	Some	245	22	2,502	24	11,694	23	47,243	22								
		3	Quite a bit	495	44	4,503	42	21,940	42	94,011	43								
		4	Very much	322	29	3,289	30	16,421	31	67,672	31								
		Total		1,112	100	10,686	100	51,984	100	215,995	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	72	7	656	6	3,365	7	15,562	8	<b>2.8</b>	2.9	-.03	2.9	-.02	2.8	.02	
		2	Some	333	30	3,045	28	14,559	28	62,840	29								
		3	Quite a bit	407	37	4,100	39	19,635	37	81,277	37								
		4	Very much	297	27	2,858	27	14,318	28	55,914	26								
		Total		1,109	100	10,659	100	51,877	100	215,593	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	85	8	919	8	4,095	8	18,041	9	<b>2.7</b>	2.7	.00	2.8	-.06	2.7	-.01	
		2	Some	379	34	3,489	33	15,754	30	68,479	32								
		3	Quite a bit	409	38	3,870	37	19,669	38	81,714	38								
		4	Very much	233	21	2,361	22	12,226	24	46,724	22								
		Total		1,106	100	10,639	100	51,744	100	214,958	100								

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



# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	135	11	1,019	10	5,573	11	23,278	10	<b>2.5</b>	2.6 ***	-0.13	2.6 ***	-0.12	2.6 ***	-0.14	
		2	Sometimes	459	42	4,120	38	19,478	38	79,454	37								
		3	Often	379	35	3,914	38	18,571	37	77,875	37								
		4	Very often	119	11	1,474	14	7,422	15	31,692	16								
		Total		1,092	100	10,527	100	51,044	100	212,299	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	222	20	1,876	18	9,788	19	41,592	19	<b>2.2</b>	2.4 ***	-0.13	2.3 **	-0.09	2.3 **	-0.09	
		2	Sometimes	490	45	4,226	40	20,619	40	84,990	40								
		3	Often	279	26	3,168	31	14,683	29	60,695	29								
		4	Very often	99	9	1,200	12	5,632	11	23,800	12								
		Total		1,090	100	10,470	100	50,722	100	211,077	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	206	18	1,772	17	9,666	19	38,362	18	<b>2.3</b>	2.3 **	-0.09	2.3	-0.05	2.3 *	-0.07	
		2	Sometimes	485	44	4,388	41	21,360	42	88,505	42								
		3	Often	315	30	3,251	31	14,575	29	62,293	30								
		4	Very often	78	7	1,044	10	4,976	10	21,152	10								
		Total		1,084	100	10,455	100	50,577	100	210,312	100								
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</b>																			
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	55	5	508	5	3,071	6	12,518	6	<b>6.3</b>	6.2	.03	6.4	-0.01	6.5	-0.03	
		1.5	1-2	192	17	2,053	19	10,352	20	41,108	20								
		4	3-5	394	37	3,859	37	16,860	33	67,925	32								
		8	6-10	262	24	2,435	23	11,321	22	48,094	22								
		13	11-15	111	10	846	8	4,747	9	21,406	10								
		18	16-20	39	3	322	3	1,926	4	8,906	4								
		23	More than 20	36	3	384	4	2,138	4	9,928	5								
Total		1,089	100	10,407	100	50,415	100	209,885	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	393	36	3,678	35	18,575	37	74,262	37	<b>2.4</b>	2.6	-0.05	2.4	.02	2.3	.03	
		1.5	1-2	371	34	3,557	34	17,943	35	76,960	36								
		4	3-5	199	18	1,851	18	8,589	17	37,000	17								
		8	6-10	84	8	927	9	3,627	8	14,400	7								
		13	11-15	27	3	217	2	944	2	4,288	2								
		18	16-20	10	1	74	1	278	1	1,057	1								
		23	More than 20	3	0	79	1	310	1	1,280	1								
Total		1,087	100	10,383	100	50,266	100	209,247	100										

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



# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2019 & 2020								Your first-year students compared with							
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. 11 pages or more	wrlongnum	0	None	830	77	8,040	76	38,701	76	159,003	76	<b>1.0</b>	1.2	-.05	1.0	.01	1.0	.02	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	142	13	1,248	13	7,252	15	33,117	15								
		4	3-5	48	4	439	4	1,928	4	7,841	4								
		8	6-10	29	3	326	3	1,145	3	4,378	2								
		13	11-15	23	2	200	2	789	2	3,197	2								
		18	16-20	7	1	54	1	187	0	718	0								
		23	More than 20	3	0	85	1	298	1	1,147	1								
	Total			1,082	100	10,392	100	50,300	100	209,401	100								
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									<b>53.6</b>	57.0	-.04	52.8	.01	52.5	.01	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	39	4	443	4	2,957	6	9,672	5	<b>3.1</b>	3.1 *	.08	3.0 ***	.18	3.0 ***	.12	
		2	Sometimes	213	20	2,353	23	12,848	26	51,146	24								
		3	Often	370	34	3,437	34	16,086	32	67,439	32								
		4	Very often	465	42	4,142	39	18,304	36	80,801	38								
			Total	1,087	100	10,375	100	50,195	100	209,058	100								
b. People from an economic background other than your own	DDeconomic	1	Never	42	4	555	5	2,898	6	9,142	5	<b>3.0</b>	3.0 **	.09	3.0 **	.09	3.0	.02	
		2	Sometimes	261	24	2,608	26	12,469	25	48,771	24								
		3	Often	389	36	3,728	36	17,973	36	76,186	36								
		4	Very often	395	36	3,442	33	16,685	33	74,447	35								
			Total	1,087	100	10,333	100	50,025	100	208,546	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	70	6	897	9	4,013	8	14,115	7	<b>2.9</b>	2.8 *	.07	2.9	.04	2.9	-.03	
		2	Sometimes	310	29	2,895	28	13,865	28	56,079	27								
		3	Often	348	32	3,382	33	16,183	32	67,548	32								
		4	Very often	360	33	3,170	30	15,977	32	70,852	34								
			Total	1,088	100	10,344	100	50,038	100	208,594	100								
d. People with political views other than your own	DDpolitical	1	Never	101	9	1,111	11	4,255	9	14,512	7	<b>2.7</b>	2.7	.04	2.8 ***	-.10	2.9 ***	-.16	
		2	Sometimes	375	34	3,551	34	14,439	29	60,446	28								
		3	Often	319	29	3,072	30	16,270	33	67,800	32								
		4	Very often	293	27	2,618	26	15,102	30	65,917	32								
			Total	1,088	100	10,352	100	50,066	100	208,675	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	The Beach				NSSE 2019 & 2020				Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>9. During the current school year, about how often have you done the following?</b>																		
a. Identified key information from reading assignments	LSreading	1	Never	21	2	201	2	948	2	3,868	2	<b>2.9</b>	3.0 *	-0.07	3.0 ***	-0.13	3.0 ***	-0.13
		2	Sometimes	285	27	2,495	24	11,271	23	46,531	23							
		3	Often	540	50	5,042	49	23,752	48	99,177	47							
		4	Very often	238	21	2,543	24	13,729	27	57,735	27							
		Total		1,084	100	10,281	100	49,700	100	207,311	100							
b. Reviewed your notes after class	LSnotes	1	Never	41	4	430	5	2,044	5	9,037	5	<b>2.9</b>	2.9	-0.03	2.9 **	-0.10	2.9 *	-0.07
		2	Sometimes	349	33	2,991	30	13,512	28	59,559	29							
		3	Often	403	38	3,860	37	18,358	37	75,210	36							
		4	Very often	290	26	2,987	28	15,717	30	63,285	30							
		Total		1,083	100	10,268	100	49,631	100	207,091	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	64	6	661	7	2,664	5	11,503	6	<b>2.7</b>	2.8	-0.02	2.8 ***	-0.12	2.8 ***	-0.10
		2	Sometimes	372	35	3,357	33	14,823	30	62,924	31							
		3	Often	411	38	3,881	38	19,154	39	80,371	39							
		4	Very often	230	21	2,370	22	12,988	26	52,317	25							
		Total		1,077	100	10,269	100	49,629	100	207,115	100							
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																		
challenge		1	Not at all	0	0	79	1	390	1	1,605	1	<b>5.3</b>	5.3	.00	5.4 ***	-0.10	5.4 ***	-0.11
		2		16	2	110	1	518	1	2,105	1							
		3		62	6	489	5	2,134	5	8,821	5							
		4		150	14	1,453	15	6,047	13	24,069	12							
		5		392	36	3,748	36	16,689	33	69,573	33							
		6		256	24	2,354	23	12,046	24	53,032	25							
		7	Very much	202	18	1,969	19	11,481	23	46,665	23							
		Total		1,078	100	10,202	100	49,305	100	205,870	100							
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		197	19	1,736	18	7,281	16	26,438	14	<b>6%</b>	6%	.01	7%	-0.03	7%	-0.06
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	59	6	518	6	3,094	7	10,746	6							
		Plan to do	751	69	7,332	71	35,621	70	153,409	73								
		Done or in progress	67	6	576	6	3,176	7	14,746	7								
		Total		1,074	100	10,162	100	49,172	100	205,339	100							

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2019 & 2020								Your first-year students compared with							
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	373	34	3,389	33	14,769	30	56,971	28	<b>5%</b>	7% **	-0.09	9% ***	-0.16	10% ***	-0.21	
			Do not plan to do	355	33	2,676	28	12,535	27	47,304	24								
			Plan to do	293	27	3,387	32	17,335	33	79,215	38								
			Done or in progress	52	5	690	7	4,409	9	21,306	10								
			Total	1,073	100	10,142	100	49,048	100	204,796	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	416	38	3,685	36	17,190	35	68,073	33	<b>9%</b>	11%	-0.04	11%	-0.04	13% **	-0.11	
			Do not plan to do	268	26	2,202	23	12,530	27	54,420	27								
			Plan to do	280	27	3,153	30	13,830	28	56,013	27								
			Done or in progress	104	9	1,068	11	5,303	11	25,594	13								
			Total	1,068	100	10,108	100	48,853	100	204,100	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	356	33	3,107	31	14,415	30	56,855	28	<b>1%</b>	2%	-0.07	2% *	-0.08	3% **	-0.11	
			Do not plan to do	312	30	2,574	27	15,015	33	55,470	29								
			Plan to do	389	35	4,231	40	18,217	35	86,167	40								
			Done or in progress	14	1	188	2	1,217	2	5,626	3								
			Total	1,071	100	10,100	100	48,864	100	204,118	100								
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	453	42	4,332	43	19,559	40	77,539	38	<b>3%</b>	4%	-0.06	4% **	-0.09	5% ***	-0.12	
			Do not plan to do	316	29	2,439	24	12,457	26	47,750	24								
			Plan to do	270	26	3,003	29	14,790	30	69,489	34								
			Done or in progress	30	3	331	4	2,040	4	9,291	5								
			Total	1,069	100	10,105	100	48,846	100	204,069	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	417	39	4,143	41	17,438	36	67,158	34	<b>1%</b>	2% **	-0.12	2% **	-0.11	2% **	-0.11	
			Do not plan to do	120	12	1,052	11	5,690	13	21,812	12								
			Plan to do	526	48	4,737	46	24,773	49	111,151	53								
			Done or in progress	8	1	177	2	900	2	3,776	2								
			Total	1,071	100	10,109	100	48,801	100	203,897	100								
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																			
	servcourse		1 None	552	52	4,432	43	21,843	45	95,603	48	<b>1.6</b>	1.7 ***	-0.18	1.7 ***	-0.13	1.6 **	-0.08	
			2 Some	424	40	4,459	44	21,706	44	88,394	43								
			3 Most	74	7	977	10	4,125	8	15,550	8								
			4 All	14	1	185	2	884	2	3,433	2								
			Total	1,064	100	10,053	100	48,558	100	202,980	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	9	1	158	2	826	2	2,872	2	<b>5.6</b>	5.3 ***	.17	5.4 ***	.12	5.4 **	.09	
		2		19	2	211	2	975	2	3,743	2								
		3		36	3	575	6	2,337	5	9,183	5								
		4		132	12	1,333	14	5,913	13	23,489	12								
		5		256	24	2,812	27	12,699	26	54,138	27								
		6		302	28	2,591	26	12,076	24	54,854	26								
		7	Excellent	308	29	2,285	22	12,109	25	51,537	25								
		—	Not applicable	5	0	84	1	1,556	3	2,938	2								
			Total	1,067	100	10,049	100	48,491	100	202,754	100								
b. Academic advisors	QIadvisor	1	Poor	19	2	338	4	1,329	3	5,141	3	<b>5.3</b>	5.2 ***	.10	5.4	-.01	5.4	-.03	
		2		37	3	391	4	1,748	4	7,157	4								
		3		74	7	759	7	3,233	7	13,118	6								
		4		129	12	1,346	13	6,001	12	25,207	12								
		5		253	24	2,174	22	9,523	19	41,029	20								
		6		260	24	2,103	21	10,030	21	44,172	22								
		7	Excellent	276	26	2,369	24	15,335	32	62,494	31								
		—	Not applicable	18	2	549	5	1,223	3	4,177	2								
			Total	1,066	100	10,029	100	48,422	100	202,495	100								
c. Faculty	QIfaculty	1	Poor	20	2	284	3	790	2	2,738	2	<b>5.3</b>	5.1 **	.10	5.4 **	-.10	5.4 ***	-.10	
		2		32	3	344	3	1,146	2	4,306	2								
		3		52	5	718	7	2,553	5	9,928	5								
		4		154	14	1,488	15	5,950	12	25,109	12								
		5		292	27	2,668	26	12,042	24	52,106	26								
		6		282	26	2,392	24	12,884	26	57,602	28								
		7	Excellent	214	21	1,888	19	12,378	26	48,462	24								
		—	Not applicable	19	2	232	2	649	2	2,166	1								
			Total	1,065	100	10,014	100	48,392	100	202,417	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2019 & 2020								Your first-year students compared with							
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	37	3	496	5	1,601	4	5,896	3	<b>5.3</b>	4.9 *** △	.21	5.2	.06	5.2	.06	
		2		26	2	445	4	1,619	3	6,607	3								
		3		52	5	710	7	2,987	6	12,578	6								
		4		120	11	1,346	14	5,930	12	26,259	13								
		5		191	18	2,064	20	9,900	20	44,150	21								
		6		236	22	1,923	19	9,916	20	43,982	21								
		7	Excellent	223	22	1,782	18	10,961	22	44,438	22								
		—	Not applicable	181	17	1,259	13	5,485	13	18,480	10								
	Total			1,066	100	10,025	100	48,399	100	202,390	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	31	3	417	4	1,538	3	6,110	3	<b>5.2</b>	5.0 *** △	.14	5.2	.01	5.2	.03	
		2		42	4	489	5	1,818	4	7,482	4								
		3		64	6	763	7	3,327	7	13,592	7								
		4		133	12	1,479	14	6,344	13	27,947	14								
		5		207	19	2,185	22	10,414	21	44,796	22								
		6		235	22	1,997	20	10,170	21	43,670	21								
		7	Excellent	215	21	1,860	19	11,525	24	44,344	22								
		—	Not applicable	138	13	841	8	3,295	7	14,511	8								
	Total			1,065	100	10,031	100	48,431	100	202,452	100								
<b>14. How much does your institution emphasize the following?</b>																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	10	1	186	2	801	2	3,038	2	<b>3.1</b>	3.1 * △	.07	3.1 *	.07	3.1	.03	
		2	Some	203	19	2,020	20	9,457	20	37,154	19								
		3	Quite a bit	505	48	4,804	48	23,251	48	97,024	48								
		4	Very much	347	32	2,965	30	14,665	29	64,383	31								
			Total			1,065	100	9,975	100	48,174	100								201,599
b. Providing support to help students succeed academically	SEacademic	1	Very little	31	3	336	4	1,713	4	6,521	4	<b>3.0</b>	3.0 * △	.07	3.0	.01	3.0	.01	
		2	Some	219	21	2,324	24	9,822	21	41,041	21								
		3	Quite a bit	469	45	4,254	43	19,888	41	86,102	42								
		4	Very much	342	31	3,047	30	16,626	33	67,384	33								
			Total			1,061	100	9,961	100	48,049	100								201,048
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	49	5	626	7	2,623	6	10,167	5	<b>3.1</b>	3.1	.05	3.1	.00	3.1	.01	
		2	Some	192	18	1,907	19	8,156	18	35,006	18								
		3	Quite a bit	407	39	3,638	37	17,535	37	76,070	38								
		4	Very much	412	38	3,772	38	19,730	40	79,698	39								
			Total			1,060	100	9,943	100	48,044	100								200,941

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	The Beach				Far West Public				Carnegie Class				NSSE 2019 & 2020				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>						
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	85	8	925	9	5,131	11	20,646	11	<b>2.9</b>	2.8 **	.09	2.8 ***	.13	2.8 ***	.12	△	△							
		2	Some	262	25	2,770	28	13,422	28	56,492	28																
		3	Quite a bit	400	38	3,597	36	16,707	35	71,090	35																
		4	Very much	316	29	2,642	26	12,679	26	52,444	26																
		Total		1,063	100	9,934	100	47,939	100	200,672	100																
e. Providing opportunities to be involved socially	SEsocial	1	Very little	64	6	695	7	3,105	7	10,878	6	<b>2.9</b>	2.9 *	.07	2.9	.03	3.0	-.02	△								
		2	Some	256	25	2,595	26	11,103	24	45,279	23																
		3	Quite a bit	407	38	3,834	39	18,683	39	81,029	40																
		4	Very much	331	31	2,787	28	14,957	30	63,117	31																
		Total		1,058	100	9,911	100	47,848	100	200,303	100																
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	60	6	711	8	3,300	8	13,217	7	<b>3.0</b>	2.9 ***	.15	2.9 ***	.16	2.9 ***	.15	△	△							
		2	Some	215	21	2,348	24	11,254	24	47,108	24																
		3	Quite a bit	377	36	3,794	39	18,302	38	78,852	39																
		4	Very much	401	37	3,045	30	14,910	30	60,855	30																
		Total		1,053	100	9,898	100	47,766	100	200,032	100																
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	184	17	1,956	20	9,668	21	42,376	22	<b>2.5</b>	2.4	.06	2.4 **	.09	2.3 ***	.13	△	△							
		2	Some	370	35	3,457	34	16,786	35	73,320	36																
		3	Quite a bit	324	31	2,900	30	13,631	28	55,470	27																
		4	Very much	179	17	1,585	16	7,659	16	28,751	14																
		Total		1,057	100	9,898	100	47,744	100	199,917	100																
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	133	12	1,444	14	6,002	14	18,462	10	<b>2.6</b>	2.6	.00	2.7	-.06	2.8 ***	-.17	△	▽							
		2	Some	341	32	2,930	29	12,421	27	51,242	26																
		3	Quite a bit	358	34	3,356	34	16,976	35	76,393	38																
		4	Very much	224	21	2,156	22	12,267	24	53,588	26																
		Total		1,056	100	9,886	100	47,666	100	199,685	100																
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	213	20	1,993	20	8,718	19	32,277	17	<b>2.4</b>	2.4	-.02	2.4	-.04	2.5 *	-.06	△	▽							
		2	Some	373	35	3,388	34	16,049	34	70,244	35																
		3	Quite a bit	304	29	2,900	30	14,587	30	63,393	31																
		4	Very much	166	16	1,610	16	8,312	17	33,756	16																
		Total		1,056	100	9,891	100	47,666	100	199,670	100																

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>15. To what extent do you agree or disagree with the following statements?</b>																			
a. I feel comfortable being myself at this institution.	SBmyself  <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	12	1	138	2	585	2	2,353	2	<b>3.2</b>	3.2 ***	.12	3.3	-.01	3.3	-.02	
		2	Disagree	83	8	632	8	2,264	8	9,428	8								
		3	Agree	584	55	4,555	60	15,721	53	62,934	52								
		4	Strongly agree	377	36	2,354	30	11,176	37	45,863	38								
		Total		1,056	100	7,679	100	29,746	100	120,578	100								
b. I feel valued by this institution.	SBvalued  <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	21	2	217	3	905	3	3,977	4	<b>3.0</b>	3.0	.03	3.0 **	-.08	3.0	-.04	
		2	Disagree	184	18	1,240	16	4,324	15	19,270	16								
		3	Agree	645	60	4,781	63	16,921	57	67,497	55								
		4	Strongly agree	209	20	1,432	18	7,570	25	29,695	24								
		Total		1,059	100	7,670	100	29,720	100	120,439	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	31	3	294	4	1,098	4	4,349	4	<b>3.0</b>	2.9 *	.07	3.0 *	-.06	3.0 **	-.07	
		2	Disagree	192	19	1,514	20	5,027	17	19,960	17								
		3	Agree	617	58	4,385	57	15,795	53	63,920	53								
		4	Strongly agree	219	20	1,486	19	7,837	26	32,349	27								
		Total		1,059	100	7,679	100	29,757	100	120,578	100								
<b>16. About how many hours do you spend in a typical 7-day week doing the following?</b>																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs  <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	4	0	49	1	186	1	755	0	<b>14.1</b>	13.1 ***	.14	13.6 *	.07	14.4	-.03	
		3	1-5 hrs	132	13	1,612	17	6,916	15	24,194	13								
		8	6-10 hrs	246	24	2,520	26	11,745	25	44,864	23								
		13	11-15 hrs	249	24	2,313	23	10,731	22	45,320	23								
		18	16-20 hrs	207	19	1,732	17	8,876	18	39,348	19								
		23	21-25 hrs	108	10	944	9	4,883	10	22,980	11								
		28	26-30 hrs	50	5	335	3	2,127	4	10,851	5								
		33	More than 30 hrs	59	5	359	4	2,041	4	10,547	5								
Total		1,055	100	9,864	100	47,505	100	198,859	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	572	54	4,767	48	18,275	41	63,323	34	<b>3.6</b>	4.3 ***	-.12	5.1 ***	-.21	5.6 ***	-.29	
		3	1-5 hrs	244	23	2,556	25	14,227	28	64,917	31								
		8	6-10 hrs	119	12	1,147	12	6,658	13	31,643	16								
		13	11-15 hrs	63	6	644	7	3,743	8	18,097	9								
		18	16-20 hrs	32	3	418	5	2,319	5	10,587	5								
		23	21-25 hrs	13	1	179	2	1,147	2	5,202	3								
		28	26-30 hrs	4	0	52	1	401	1	1,890	1								
		33	More than 30 hrs	6	0	77	1	606	1	2,661	1								
Total		1,053	100	9,840	100	47,376	100	198,320	100										

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



# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2019 & 2020								Your first-year students compared with						
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Working for pay on campus	tmworkonhrs	0	0 hrs	928	88	8,603	87	38,574	82	154,548	79	<b>1.5</b>	1.8 *	-06	2.2 ***	-12	2.4 ***	-17
	(Recorded version of tmworkon created by NSSE.)	3	1-5 hrs	12	1	185	2	1,873	4	8,899	4							
		8	6-10 hrs	48	5	269	3	2,616	5	14,368	6							
		13	11-15 hrs	33	3	313	3	1,951	4	10,007	5							
	Values are estimated number of hours per week.)	18	16-20 hrs	26	3	309	3	1,416	3	6,548	3							
		23	21-25 hrs	6	1	96	1	522	1	2,283	1							
		28	26-30 hrs	1	0	19	0	163	0	647	0							
		33	More than 30 hrs	1	0	44	1	254	1	1,096	1							
	Total			1,055	100	9,838	100	47,369	100	198,396	100							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	643	61	6,049	63	28,826	59	133,933	66	<b>6.4</b>	6.1	.03	7.8 ***	-13	5.9	.05
	(Recorded version of tmworkoff created by NSSE.)	3	1-5 hrs	46	5	479	5	2,331	5	9,390	5							
		8	6-10 hrs	67	6	604	6	2,718	6	10,696	5							
		13	11-15 hrs	90	9	682	7	2,928	6	11,095	6							
	Values are estimated number of hours per week.)	18	16-20 hrs	87	8	813	8	3,242	7	11,518	6							
		23	21-25 hrs	57	5	634	6	2,370	5	8,162	4							
		28	26-30 hrs	40	4	290	3	1,425	3	4,485	2							
		33	More than 30 hrs	27	3	289	3	3,601	10	9,332	6							
	Total			1,057	100	9,840	100	47,441	100	198,611	100							
Estimated number of hours working for pay	tmworkhrs											<b>7.8</b>	7.8	.00	10.0 ***	-17	8.3	-04
	(Continuous variable created by NSSE)																	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	722	69	6,259	64	28,137	60	116,295	59	<b>1.9</b>	2.5 ***	-12	2.6 ***	-14	2.5 ***	-13
	(Recorded version of tmservice created by NSSE.)	3	1-5 hrs	225	21	2,276	22	13,283	27	58,678	29							
		8	6-10 hrs	56	5	620	6	2,938	6	11,767	6							
		13	11-15 hrs	32	3	335	3	1,419	3	5,645	3							
	Values are estimated number of hours per week.)	18	16-20 hrs	13	1	178	2	827	2	3,057	2							
		23	21-25 hrs	2	0	90	1	411	1	1,560	1							
		28	26-30 hrs	2	0	28	0	109	0	519	0							
		33	More than 30 hrs	4	0	62	1	274	1	991	1							
	Total			1,056	100	9,848	100	47,398	100	198,512	100							

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2019 & 2020								Your first-year students compared with							
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmsrelaxhrs	0	0 hrs	16	2	246	3	1,130	3	3,728	2	<b>12.6</b>	12.2	.05	12.1 *	.06	12.6	.01	
	(Recorded version of tmsrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	228	21	2,261	22	10,667	23	40,155	20								
	8	6-10 hrs	275	26	2,681	27	12,651	26	53,366	26									
	13	11-15 hrs	209	20	1,941	20	9,495	20	42,205	21									
	18	16-20 hrs	157	15	1,198	12	6,348	13	28,153	14									
	23	21-25 hrs	65	6	607	6	2,914	6	12,926	7									
	28	26-30 hrs	33	3	254	3	1,252	3	5,499	3									
	33	More than 30 hrs	72	7	659	8	2,964	7	12,454	7									
	Total			1,055	100	9,847	100	47,421	100	198,486	100								
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	683	65	6,325	64	33,065	68	152,218	75	<b>3.1</b>	3.5	-.06	4.2 ***	-.13	3.1	.00	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	165	16	1,571	16	5,625	12	19,370	10								
	8	6-10 hrs	95	9	764	8	2,606	6	8,329	5									
	13	11-15 hrs	56	5	496	5	1,746	4	5,816	3									
	18	16-20 hrs	23	2	275	3	1,103	3	3,534	2									
	23	21-25 hrs	12	1	137	1	575	1	2,008	1									
	28	26-30 hrs	6	1	69	1	278	1	843	1									
	33	More than 30 hrs	14	1	191	2	2,316	6	6,044	4									
	Total			1,054	100	9,828	100	47,314	100	198,162	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	135	13	2,361	23	20,382	41	89,776	43	<b>6.0</b>	6.3	-.05	4.5 ***	.22	4.1 ***	.30	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	538	51	3,810	39	15,269	33	65,842	34								
	8	6-10 hrs	215	21	1,897	19	6,042	13	22,408	12									
	13	11-15 hrs	92	9	847	9	2,626	6	9,569	5									
	18	16-20 hrs	40	4	404	4	1,308	3	4,534	2									
	23	21-25 hrs	6	1	165	2	627	1	2,373	1									
	28	26-30 hrs	9	1	81	1	261	1	981	1									
	33	More than 30 hrs	20	2	280	3	897	2	3,055	2									
	Total			1,055	100	9,845	100	47,412	100	198,538	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	The Beach				Far West Public				Carnegie Class				NSSE 2019 & 2020				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020									
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>										
<b>17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																																			
	reading	1	Very little	102	10	900	9	4,680	10	22,690	12	<b>2.7</b>	2.8	-.05	2.8	-.06	2.7	.03																	
		2	Some	374	36	3,228	33	15,520	33	67,560	35																								
		3	About half	312	29	3,055	31	14,314	30	57,533	29																								
		4	Most	198	18	1,963	19	9,382	20	37,110	18																								
		5	Almost all	69	6	683	7	3,456	7	13,279	6																								
		Total		1,055	100	9,829	100	47,352	100	198,172	100																								
	tmreadinghrs	(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)																			<b>6.4</b>	6.1	.04	6.5	-.02	6.5	-.02								
	tmreadinghrscol	1	0 hrs	4	0	48	1	182	0	732	0																								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	553	54	5,257	54	24,266	52	99,476	52																								
		3	More than 5, up to 10 hrs	301	28	2,831	29	13,571	28	58,177	29																								
		4	More than 10, up to 15 hrs	89	8	885	9	4,778	10	20,287	10																								
		5	More than 15, up to 20 hrs	63	6	439	4	2,347	5	10,088	5																								
		6	More than 20, up to 25 hrs	26	2	251	2	1,433	3	6,190	3																								
		7	More than 25 hrs	15	1	89	1	583	1	2,420	1																								
		Total		1,051	100	9,800	100	47,160	100	197,370	100																								
<b>18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																																			
a. Writing clearly and effectively	pgwrite	1	Very little	50	5	489	5	2,546	6	13,469	7	<b>2.8</b>	2.9	-.02	2.9	-.02	2.8	.06																	
		2	Some	288	28	2,430	25	12,350	26	55,210	28																								
		3	Quite a bit	484	46	4,704	48	20,891	44	84,624	42																								
		4	Very much	233	22	2,153	22	11,287	24	43,995	22																								
		Total		1,055	100	9,776	100	47,074	100	197,298	100																								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2019 & 2020								Your first-year students compared with						
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Speaking clearly and effectively	pgspeak	1	Very little	48	5	437	5	3,905	9	20,426	11	<b>2.9</b>	2.9	.02	2.8 ***	.19	2.7 ***	.27
		2	Some	237	22	2,315	24	13,523	29	61,366	31							
		3	Quite a bit	507	48	4,481	46	18,965	40	75,100	38							
		4	Very much	263	25	2,543	25	10,684	23	40,372	21							
		Total		1,055	100	9,776	100	47,077	100	197,264	100							
c. Thinking critically and analytically	pgthink	1	Very little	26	3	248	3	1,298	3	5,704	3	<b>3.1</b>	3.1 *	.06	3.1	.05	3.1	.05
		2	Some	171	17	1,861	19	8,827	19	37,171	19							
		3	Quite a bit	500	48	4,570	46	21,314	45	89,082	44							
		4	Very much	355	33	3,099	32	15,671	33	65,370	33							
		Total		1,052	100	9,778	100	47,110	100	197,327	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	93	8	860	9	5,543	12	24,677	12	<b>2.8</b>	2.7	.03	2.7 **	.09	2.7 **	.09
		2	Some	320	30	2,940	30	14,673	31	60,886	30							
		3	Quite a bit	406	39	3,948	40	17,071	36	70,436	36							
		4	Very much	235	23	2,024	21	9,810	21	41,268	22							
		Total		1,054	100	9,772	100	47,097	100	197,267	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	163	15	1,644	17	5,938	13	24,960	13	<b>2.5</b>	2.5	.04	2.6 ***	-.12	2.6 ***	-.12
		2	Some	363	35	3,332	34	14,994	32	63,132	32							
		3	Quite a bit	355	33	3,226	33	16,315	34	68,956	35							
		4	Very much	173	16	1,556	16	9,823	21	40,267	21							
		Total		1,054	100	9,758	100	47,070	100	197,315	100							
f. Working effectively with others	pgothers	1	Very little	50	5	526	6	2,842	7	11,892	7	<b>2.9</b>	2.9	.06	2.9 **	.09	2.9 **	.10
		2	Some	253	24	2,499	25	12,119	26	52,019	27							
		3	Quite a bit	454	43	4,204	43	19,580	41	82,338	41							
		4	Very much	300	28	2,541	26	12,524	26	50,973	26							
		Total		1,057	100	9,770	100	47,065	100	197,222	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	98	10	980	11	4,611	11	20,202	11	<b>2.7</b>	2.7	.01	2.7	-.02	2.7	.00
		2	Some	318	30	2,767	28	13,169	28	55,736	28							
		3	Quite a bit	413	39	3,983	40	18,183	38	75,357	37							
		4	Very much	223	21	2,042	21	11,105	23	45,879	23							
		Total		1,052	100	9,772	100	47,068	100	197,174	100							

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2019 & 2020								Your first-year students compared with							
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Effect size <sup>e</sup>		
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	76	8	655	7	3,884	9	17,009	9	<b>2.9</b>	2.9	.00	2.8 *	.08	2.8 ***	.10	
		2	Some	252	24	2,325	24	12,363	27	53,240	27								
		3	Quite a bit	411	39	3,904	40	17,869	37	74,532	37								
		4	Very much	317	29	2,896	29	12,969	27	52,446	27								
		Total		1,056	100	9,780	100	47,085	100	197,227	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	128	12	1,104	12	5,039	11	20,932	11	<b>2.6</b>	2.6	-.02	2.7	-.05	2.7	-.05	
		2	Some	334	32	3,158	32	14,961	32	64,105	32								
		3	Quite a bit	400	38	3,619	37	17,276	36	71,595	36								
		4	Very much	193	18	1,891	19	9,832	21	40,656	21								
		Total		1,055	100	9,772	100	47,108	100	197,288	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	107	10	1,085	11	5,139	11	22,333	12	<b>2.7</b>	2.7	.01	2.7	-.01	2.7	.01	
		2	Some	334	32	3,030	31	14,722	31	62,693	32								
		3	Quite a bit	412	39	3,656	37	16,969	35	70,243	35								
		4	Very much	206	19	2,011	20	10,331	22	42,245	21								
		Total		1,059	100	9,782	100	47,161	100	197,514	100								
<b>19. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	17	2	174	2	849	2	3,565	2	<b>3.1</b>	3.0 ***	.13	3.2	-.02	3.2	-.05	
		2	Fair	137	14	1,671	17	6,412	14	25,477	13								
		3	Good	571	53	5,432	54	23,519	49	98,057	49								
		4	Excellent	335	31	2,554	26	16,573	34	71,228	35								
		Total		1,060	100	9,831	100	47,353	100	198,327	100								
<b>20. If you could start over again, would you go to the same institution you are now attending?</b>																			
	sameinst	1	Definitely no	18	2	336	3	1,713	4	6,908	4	<b>3.3</b>	3.1 ***	.24	3.2 ***	.10	3.2 **	.08	
		2	Probably no	118	11	1,588	16	6,299	13	24,969	13								
		3	Probably yes	472	45	4,763	48	20,092	43	84,183	42								
		4	Definitely yes	459	42	3,180	32	19,475	40	83,080	41								
		Total		1,067	100	9,867	100	47,579	100	199,140	100								
<b>21. Do you intend to return to this institution next year?<sup>f</sup></b>																			
	returnexp		No	24	2	273	3	1,980	5	8,015	4	<b>93%</b>	90% ***	.12	87% ***	.22	88% ***	.18	
			Yes	1,001	93	8,939	90	41,775	87	176,354	88								
			Not sure	47	5	669	7	3,925	9	15,129	8								
			Total	1,072	100	9,881	100	47,680	100	199,498	100								
<i>(Means indicate the percentage who responded "Yes.")</i>																			

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>1. During the current school year, about how often have you done the following?</b>																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	48	3	748	4	2,534	3	8,220	3	<b>2.8</b>	2.9 **	-0.08	3.1 ***	-0.25	3.1 ***	-0.25	
		2	Sometimes	519	37	6,910	34	21,376	26	77,519	27								
		3	Often	464	32	6,393	31	25,298	31	93,388	31								
		4	Very often	382	27	6,405	32	31,770	39	116,277	39								
		Total		1,413	100	20,456	100	80,978	100	295,404	100								
b. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	86	6	1,448	7	4,527	5	18,631	6	<b>2.9</b>	2.9	-0.02	3.1 ***	-0.25	3.0 ***	-0.15	
		2	Often	237	17	3,116	15	9,657	12	39,490	14								
		3	Sometimes	826	59	11,467	56	41,555	51	154,362	52								
		4	Never	257	18	4,366	21	24,933	32	81,861	28								
		Total		1,406	100	20,397	100	80,672	100	294,344	100								
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	726	52	10,415	51	41,330	53	138,877	49	<b>1.6</b>	1.7	-0.04	1.7	-0.04	1.7 ***	-0.11	
		2	Sometimes	511	36	6,994	34	26,414	32	102,278	34								
		3	Often	103	7	1,919	9	7,798	9	32,158	10								
		4	Very often	67	5	1,027	5	4,970	6	20,539	7								
		Total		1,407	100	20,355	100	80,512	100	293,852	100								
d. Asked another student to help you understand course material	CLaskhelp	1	Never	123	9	1,759	9	14,015	20	44,033	16	<b>2.6</b>	2.6	-0.01	2.3 ***	.27	2.4 ***	.15	
		2	Sometimes	593	43	8,539	42	33,568	42	118,454	41								
		3	Often	443	32	6,329	31	21,568	25	84,809	28								
		4	Very often	246	17	3,738	18	11,351	13	46,309	15								
		Total		1,405	100	20,365	100	80,502	100	293,605	100								
e. Explained course material to one or more students	CLexplain	1	Never	53	4	664	3	8,296	12	23,713	9	<b>2.8</b>	2.8 *	-0.06	2.6 ***	.18	2.7 **	.07	
		2	Sometimes	515	37	7,165	35	28,319	36	99,344	34								
		3	Often	554	39	8,021	39	27,731	33	107,078	36								
		4	Very often	283	20	4,474	23	16,035	19	63,088	21								
		Total		1,405	100	20,324	100	80,381	100	293,223	100								
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	159	11	2,514	13	17,516	24	56,023	20	<b>2.6</b>	2.6	.03	2.4 ***	.28	2.5 ***	.17	
		2	Sometimes	498	35	7,327	36	26,936	34	96,326	33								
		3	Often	437	32	6,101	30	21,324	26	81,945	27								
		4	Very often	303	22	4,312	22	14,283	17	57,657	19								
		Total		1,397	100	20,254	100	80,059	100	291,951	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2019 & 2020								Your seniors compared with							
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Worked with other students on course projects or assignments	CLproject	1	Never	48	3	620	3	9,969	15	25,925	9	<b>3.0</b>	3.0 *	-07	2.7 ***	.31	2.8 ***	.19	
		2	Sometimes	368	26	4,844	24	21,901	28	80,594	28								
		3	Often	528	38	7,770	38	26,957	32	102,898	35								
		4	Very often	448	32	6,964	35	20,926	25	81,474	28								
		Total		1,392	100	20,198	100	79,753	100	290,891	100								
h. Given a course presentation	present	1	Never	84	6	1,467	7	10,568	15	34,455	13	<b>2.9</b>	2.9	-04	2.6 ***	.22	2.7 ***	.20	
		2	Sometimes	417	30	5,459	27	23,602	30	89,169	32								
		3	Often	483	35	6,837	34	24,982	30	93,525	31								
		4	Very often	406	29	6,427	31	20,530	24	73,470	24								
		Total		1,390	100	20,190	100	79,682	100	290,619	100								
<b>2. During the current school year, about how often have you done the following?</b>																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	43	3	633	3	3,496	5	11,390	4	<b>2.9</b>	3.0 **	-07	2.9	.04	2.9	.02	
		2	Sometimes	374	28	5,052	25	21,772	28	78,113	28								
		3	Often	583	41	8,237	41	31,917	40	118,175	41								
		4	Very often	387	27	6,120	31	21,830	27	80,425	27								
		Total		1,387	100	20,042	100	79,015	100	288,103	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	74	6	1,208	7	5,276	8	19,196	8	<b>2.8</b>	2.8	-02	2.8	.02	2.8	.05	
		2	Sometimes	429	32	5,841	30	23,677	31	88,410	32								
		3	Often	511	37	7,430	37	29,258	37	105,669	36								
		4	Very often	365	25	5,504	27	20,460	25	73,602	25								
		Total		1,379	100	19,983	100	78,671	100	286,877	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	135	11	2,159	12	9,024	13	32,345	13	<b>2.7</b>	2.7	.00	2.6	.05	2.6 *	.06	
		2	Sometimes	453	34	6,399	33	26,174	34	96,671	34								
		3	Often	454	32	6,429	32	25,076	32	91,576	31								
		4	Very often	336	23	4,909	24	17,957	22	64,573	22								
		Total		1,378	100	19,896	100	78,231	100	285,165	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	49	4	901	5	3,360	5	12,048	5	<b>2.8</b>	2.8	-03	2.9	-04	2.8	-04	
		2	Sometimes	423	32	5,807	29	22,441	29	81,547	29								
		3	Often	605	44	8,396	42	33,707	43	123,941	43								
		4	Very often	288	21	4,667	24	18,164	23	65,722	23								
		Total		1,365	100	19,771	100	77,672	100	283,258	100								

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



# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2019 & 2020								Your seniors compared with							
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	18	1	478	3	2,103	3	7,271	3	<b>3.0</b>	3.0	-.02	3.0	.02	3.0	.03	
		2	Sometimes	329	25	4,360	23	17,897	24	65,743	24								
		3	Often	615	45	8,744	45	34,717	45	127,156	45								
		4	Very often	388	28	5,997	30	22,177	28	80,272	28								
		Total		1,350	100	19,579	100	76,894	100	280,442	100								
f. Learned something that changed the way you understand an issue or concept	RNewview	1	Never	15	1	348	2	1,479	2	5,358	2	<b>3.0</b>	3.0	-.04	3.0	.01	3.0	.01	
		2	Sometimes	354	27	4,584	24	19,347	26	70,231	26								
		3	Often	598	45	8,687	44	34,055	44	125,144	45								
		4	Very often	365	27	5,786	29	21,278	27	77,025	27								
		Total		1,332	100	19,405	100	76,159	100	277,758	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	11	1	168	1	669	1	2,460	1	<b>3.2</b>	3.2	-.05	3.2	-.05	3.2	-.04	
		2	Sometimes	207	16	2,866	15	11,076	15	40,903	15								
		3	Often	637	48	8,969	46	35,441	47	129,414	47								
		4	Very often	475	35	7,261	37	28,328	37	102,758	37								
		Total		1,330	100	19,264	100	75,514	100	275,535	100								
<b>3. During the current school year, about how often have you done the following?</b>																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	249	18	3,421	18	12,670	18	44,674	18	<b>2.3</b>	2.4 ***	-.10	2.5 ***	-.15	2.5 ***	-.14	
		2	Sometimes	606	46	7,926	41	28,557	38	105,461	39								
		3	Often	281	21	4,444	23	18,915	24	69,817	24								
		4	Very often	194	14	3,455	18	15,378	20	55,523	19								
		Total		1,330	100	19,246	100	75,520	100	275,475	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	616	47	8,809	45	33,410	46	112,514	43	<b>1.8</b>	1.9 **	-.08	1.9 **	-.07	2.0 ***	-.12	
		2	Sometimes	401	31	5,490	29	21,340	28	83,152	30								
		3	Often	197	15	2,782	15	11,797	15	45,752	16								
		4	Very often	104	8	2,139	11	8,758	11	33,141	12								
		Total		1,318	100	19,220	100	75,305	100	274,559	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	386	29	5,773	29	21,664	30	72,323	28	<b>2.1</b>	2.1	-.05	2.1 *	-.05	2.2 **	-.08	
		2	Sometimes	568	43	7,609	40	28,708	38	109,220	40								
		3	Often	247	19	3,607	19	15,548	20	58,893	21								
		4	Very often	112	9	2,097	11	8,823	11	32,228	11								
		Total		1,313	100	19,086	100	74,743	100	272,664	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2019 & 2020								Your seniors compared with									
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
d. Discussed your academic performance with a faculty member	SFperform	1	Never	320	24	4,454	23	15,635	21	60,195	23	<b>2.2</b>	2.2 *	-0.06	2.3 ***	-0.13	2.2 *	-0.07			
		2	Sometimes	601	45	8,290	44	31,563	42	118,388	43								▽	▽	▽
		3	Often	277	22	4,221	22	17,932	24	62,145	22										
		4	Very often	119	9	2,149	11	9,620	13	31,980	11										
		Total		1,317	100	19,114	100	74,750	100	272,708	100										
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																					
a. Memorizing course material	memorize	1	Very little	93	7	956	5	5,442	8	20,751	8	<b>2.8</b>	2.9 *	-0.06	2.8 ***	.09	2.8 **	.09			
		2	Some	356	26	5,080	27	22,640	31	83,271	31								▽	△	△
		3	Quite a bit	555	43	7,946	41	29,778	40	107,149	39										
		4	Very much	308	24	5,025	26	16,495	22	60,075	22										
		Total		1,312	100	19,007	100	74,355	100	271,246	100										
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	48	4	576	3	2,009	3	7,208	3	<b>3.0</b>	3.1 *	-0.06	3.1 **	-0.08	3.1 **	-0.08			
		2	Some	277	21	3,900	20	14,489	20	52,931	20								▽	▽	▽
		3	Quite a bit	593	46	8,333	44	33,668	45	122,503	45										
		4	Very much	387	29	6,120	32	23,896	32	87,567	32										
		Total		1,305	100	18,929	100	74,062	100	270,209	100										
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	35	3	570	3	2,269	3	8,301	3	<b>3.0</b>	3.1	-0.05	3.0	-0.03	3.0	-0.02			
		2	Some	317	25	3,927	21	15,489	21	57,294	21										
		3	Quite a bit	539	42	8,114	43	32,317	44	117,498	44										
		4	Very much	403	31	6,157	33	23,381	32	85,007	31										
		Total		1,294	100	18,768	100	73,456	100	268,100	100										
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	48	4	756	5	2,852	4	12,213	5	<b>3.0</b>	3.0	.03	3.0	.02	2.9 **	.07			
		2	Some	295	23	4,119	22	16,238	22	62,219	24										
		3	Quite a bit	549	43	8,155	43	32,235	44	115,423	43										
		4	Very much	397	31	5,668	30	21,821	30	77,130	28										△
		Total		1,289	100	18,698	100	73,146	100	266,985	100										
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	41	3	676	4	2,367	3	9,595	4	<b>3.0</b>	3.0	.00	3.0	-0.02	3.0	.02			
		2	Some	320	25	4,164	23	16,393	23	61,282	23										
		3	Quite a bit	540	42	8,359	44	33,087	45	120,065	45										
		4	Very much	383	30	5,438	29	21,062	29	75,165	28										
		Total		1,284	100	18,637	100	72,909	100	266,107	100										

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>5. During the current school year, to what extent have your instructors done the following?</b>																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	24	2	359	2	1,597	2	5,522	2	<b>3.2</b>	3.2	.01	3.2	.00	3.1	.03	
		2	Some	221	17	3,168	17	12,158	17	45,239	17								
		3	Quite a bit	535	42	7,913	43	30,880	42	115,570	43								
		4	Very much	497	38	7,121	38	27,852	39	98,296	37								
		Total		1,277	100	18,561	100	72,487	100	264,627	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	44	4	801	5	3,127	5	10,259	4	<b>3.0</b>	3.0	-0.02	3.1 **	-0.07	3.1 *	-0.07	
		2	Some	283	22	3,761	20	13,396	18	48,905	19								
		3	Quite a bit	560	44	7,946	43	30,778	42	115,982	43								
		4	Very much	391	30	5,999	32	25,000	35	88,873	34								
		Total		1,278	100	18,507	100	72,301	100	264,019	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	32	3	545	3	2,563	4	8,634	4	<b>3.1</b>	3.1	-0.01	3.1	.01	3.1	.02	
		2	Some	246	20	3,467	19	13,719	19	49,607	19								
		3	Quite a bit	529	42	7,490	40	29,015	40	108,861	41								
		4	Very much	466	36	6,991	38	26,930	37	96,580	36								
		Total		1,273	100	18,493	100	72,227	100	263,682	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	86	7	1,560	9	6,447	9	24,779	10	<b>2.8</b>	2.8	.05	2.8	.01	2.8 *	.06	
		2	Some	359	29	5,208	29	19,121	27	72,920	28								
		3	Quite a bit	473	37	6,526	35	25,145	34	91,465	34								
		4	Very much	352	27	5,167	27	21,403	30	74,108	27								
		Total		1,270	100	18,461	100	72,116	100	263,272	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	95	7	1,540	9	5,173	7	19,218	8	<b>2.8</b>	2.8	.04	2.9 **	-0.07	2.8	-0.02	
		2	Some	372	29	5,459	30	18,938	26	72,646	28								
		3	Quite a bit	487	38	6,769	37	27,447	38	100,855	38								
		4	Very much	316	25	4,666	25	20,405	29	69,991	26								
		Total		1,270	100	18,434	100	71,963	100	262,710	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

## California State University-Long Beach

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	154	12	1,969	10	7,811	10	28,069	10	<b>2.5</b>	2.6 ***	-0.12	2.6 ***	-0.11	2.7 ***	-0.13	
		2	Sometimes	485	38	6,426	34	25,023	35	89,803	34								
		3	Often	435	35	6,588	36	25,396	36	92,779	36								
		4	Very often	177	15	3,275	19	13,010	19	49,451	20								
		Total		1,251	100	18,258	100	71,240	100	260,102	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	262	20	3,099	17	12,339	17	45,736	18	<b>2.3</b>	2.5 ***	-0.13	2.5 ***	-0.11	2.4 ***	-0.10	
		2	Sometimes	469	38	6,812	37	26,436	37	96,098	37								
		3	Often	365	29	5,306	30	21,154	30	76,581	30								
		4	Very often	153	13	2,982	17	11,017	16	40,668	16								
		Total		1,249	100	18,199	100	70,946	100	259,083	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	228	18	2,857	15	11,946	17	41,695	16	<b>2.4</b>	2.5 **	-0.09	2.4	-0.04	2.4 *	-0.06	
		2	Sometimes	477	38	6,891	38	27,633	39	99,859	38								
		3	Often	394	32	5,755	32	21,567	31	80,370	31								
		4	Very often	140	12	2,634	15	9,615	14	36,438	14								
		Total		1,239	100	18,137	100	70,761	100	258,362	100								
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</b>																			
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	44	4	990	6	3,978	6	14,853	6	<b>7.9</b>	7.8	.01	7.8	.02	7.7	.03	
		1.5	1-2	195	16	2,781	16	11,412	16	43,655	17								
		4	3-5	370	30	5,414	30	20,413	29	73,767	29								
		8	6-10	319	25	4,227	23	16,347	23	57,701	22								
		13	11-15	135	11	2,065	11	7,902	11	28,720	11								
		18	16-20	74	6	1,012	6	4,111	6	15,241	6								
		23	More than 20	104	8	1,589	9	6,350	9	23,633	9								
		Total		1,241	100	18,078	100	70,513	100	257,570	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	224	18	3,561	20	14,773	21	58,612	24	<b>4.1</b>	4.2	-0.02	4.0	.02	3.7 **	.09	
		1.5	1-2	413	33	5,575	31	22,241	31	84,060	32								
		4	3-5	332	27	4,542	25	17,982	25	63,481	24								
		8	6-10	168	14	2,662	15	9,420	14	31,067	12								
		13	11-15	59	5	939	5	3,311	5	10,959	4								
		18	16-20	15	1	337	2	1,243	2	4,070	2								
		23	More than 20	28	3	396	2	1,333	2	4,500	2								
Total		1,239	100	18,012	100	70,303	100	256,749	100										

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
c. 11 pages or more	wrlongnum	0	None	541	43	7,911	44	32,097	46	121,196	48	<b>2.4</b>	2.5	-.03	2.2	.05	2.0 **	.09	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	428	35	5,951	33	23,918	33	86,531	32								
		4	3-5	156	12	2,097	12	7,861	11	27,919	11								
		8	6-10	54	4	947	5	3,202	5	10,538	4								
		13	11-15	27	2	615	4	1,752	3	5,705	2								
		18	16-20	10	1	190	1	628	1	2,128	1								
		23	More than 20	25	2	333	2	970	1	3,271	1								
		Total			1,241	100	18,044	100	70,428	100	257,288	100							
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									<b>91.9</b>	93.9	-.02	87.0	.05	82.3 **	.10	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	33	3	670	4	3,923	6	12,568	5	<b>3.3</b>	3.2 *	.07	3.0 ***	.26	3.1 ***	.22	
		2	Sometimes	209	17	3,248	18	16,026	23	59,872	23								
		3	Often	369	30	5,419	30	21,815	31	79,704	31								
		4	Very often	632	51	8,740	48	28,634	40	104,927	41								
			Total	1,243	100	18,077	100	70,398	100	257,071	100								
b. People from an economic background other than your own	DDeconomic	1	Never	42	3	828	5	3,632	6	10,828	5	<b>3.1</b>	3.1	.05	3.0 ***	.15	3.1 ***	.10	
		2	Sometimes	250	20	3,810	21	16,335	24	57,779	22								
		3	Often	427	34	6,022	34	24,458	35	91,516	35								
		4	Very often	522	42	7,348	41	25,755	36	96,352	38								
			Total	1,241	100	18,008	100	70,180	100	256,475	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	74	6	1,275	7	5,003	8	16,526	6	<b>3.0</b>	3.0	.02	2.9 **	.08	3.0	.03	
		2	Sometimes	299	25	4,370	24	18,382	26	67,570	26								
		3	Often	407	32	5,696	32	22,550	32	81,953	32								
		4	Very often	462	37	6,682	37	24,287	34	90,478	36								
			Total	1,242	100	18,023	100	70,222	100	256,527	100								
d. People with political views other than your own	DDpolitical	1	Never	95	7	1,626	9	5,367	8	16,817	7	<b>2.8</b>	2.8	-.03	2.9 ***	-.10	2.9 ***	-.15	
		2	Sometimes	446	35	5,843	32	20,068	28	72,963	28								
		3	Often	349	28	5,135	29	22,246	31	81,937	32								
		4	Very often	352	29	5,428	31	22,577	32	84,925	34								
			Total	1,242	100	18,032	100	70,258	100	256,642	100								

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### Seniors

				Frequency Distributions <sup>a</sup>						Statistical Comparisons <sup>b</sup>									
										<i>Your seniors compared with</i>									
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	30	3	405	2	1,443	2	5,927	3	<b>3.1</b>	3.1	.00	3.1 *	-.07	3.1	-.04	
		2	Sometimes	250	20	3,684	21	13,030	19	49,404	20								
		3	Often	555	45	7,987	44	30,813	44	111,545	43								
		4	Very often	403	32	5,860	32	24,662	35	88,616	34								
		Total		1,238	100	17,936	100	69,948	100	255,492	100								
b. Reviewed your notes after class	LSnotes	1	Never	73	6	1,053	6	4,557	7	18,533	7	<b>2.9</b>	2.9	.00	2.9	-.04	2.8	.02	
		2	Sometimes	389	31	5,411	30	19,703	28	76,368	30								
		3	Often	403	33	6,149	34	23,807	34	84,892	33								
		4	Very often	368	30	5,313	29	21,818	31	75,486	30								
		Total		1,233	100	17,926	100	69,885	100	255,279	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	95	8	1,230	7	4,176	6	16,625	7	<b>2.8</b>	2.8	-.03	2.9 ***	-.14	2.8 **	-.09	
		2	Sometimes	386	31	5,578	31	19,242	27	73,935	29								
		3	Often	459	37	6,460	36	26,568	38	95,304	37								
		4	Very often	295	24	4,648	25	19,881	28	69,384	27								
		Total		1,235	100	17,916	100	69,867	100	255,248	100								
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																			
	challenge	1	Not at all	11	1	149	1	638	1	2,448	1	<b>5.5</b>							
		2		20	2	230	1	881	1	3,328	1								
		3		50	4	771	4	2,725	4	10,539	4								
		4		138	11	1,850	11	6,688	10	25,515	10								
		5		381	31	5,026	28	18,734	27	72,387	28								
		6		322	26	4,373	25	17,690	25	65,483	25								
		7	Very much	309	25	5,424	30	22,072	32	74,113	29								
		Total		1,231	100	17,823	100	69,428	100	253,813	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		164	13	2,236	12	8,038	12	25,177	10	<b>45%</b>	41% *	.07	43%	.04	48% *	-.07	
		Do not plan to do		211	18	2,365	14	12,250	19	40,842	17								
		Plan to do		288	23	5,881	33	18,043	26	60,398	24								
		Done or in progress		566	45	7,314	41	31,000	43	127,162	48								
		Total		1,229	100	17,796	100	69,331	100	253,579	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

## California State University-Long Beach

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	178	15	2,938	16	9,990	15	30,349	12	<b>24%</b>	25%	-.01	27% *	-.07	34% ***	▽	-.22
			Do not plan to do	656	54	8,511	48	32,649	49	109,890	44								
			Plan to do	87	7	2,031	12	6,398	9	21,560	9								
			Done or in progress	303	24	4,267	25	20,142	27	91,308	34								
			Total	1,224	100	17,747	100	69,179	100	253,107	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	191	16	3,495	19	11,782	17	37,060	15	<b>19%</b>	19%	.00	20%	-.01	22% **	▽	-.08
			Do not plan to do	656	54	8,301	47	34,868	51	130,194	52								
			Plan to do	135	11	2,565	14	7,991	11	25,876	10								
			Done or in progress	240	19	3,330	19	14,325	20	59,152	22								
			Total	1,222	100	17,691	100	68,966	100	252,282	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	174	14	3,022	17	9,583	14	29,627	12	<b>10%</b>	8%	.04	9%	.01	14% ***	▽	-.14
			Do not plan to do	841	69	11,606	66	47,368	70	166,226	67								
			Plan to do	85	7	1,547	9	4,843	7	17,400	7								
			Done or in progress	124	10	1,509	8	7,191	9	39,150	14								
			Total	1,224	100	17,684	100	68,985	100	252,403	100								
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	205	17	3,795	21	12,355	18	38,836	16	<b>16%</b>	17%	-.02	19% *	-.06	23% ***	▽	-.16
			Do not plan to do	707	57	8,211	46	34,594	50	123,824	49								
			Plan to do	109	10	2,724	16	8,605	13	29,605	12								
			Done or in progress	203	16	2,948	17	13,431	19	60,096	23								
			Total	1,224	100	17,678	100	68,985	100	252,361	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	103	9	2,521	14	7,826	11	24,284	10	<b>55%</b>	39% ***	.31	42% ***	.24	44% ***	△	.20
			Do not plan to do	307	26	3,986	23	13,544	20	49,522	21								
			Plan to do	133	11	4,229	24	17,752	27	60,714	25								
			Done or in progress	678	55	6,945	39	29,805	42	117,729	44								
			Total	1,221	100	17,681	100	68,927	100	252,249	100								

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

servcourse	1	2	3	4	Total	Mean	Effect size <sup>e</sup>
None	465	39	5,481	32	24,412	37	93,483
Some	597	48	9,240	52	34,418	49	126,077
Most	117	10	2,341	13	7,993	11	25,866
All	37	3	522	3	1,890	3	6,063
Total	1,216	100	17,584	100	68,713	100	251,489

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



# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### Seniors

			Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
											<i>Your seniors compared with</i>							
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																		
a. Students	QIstudent	1	Poor	8	1	232	1	921	1	2,967	1	<b>5.8</b>	5.6 ***	.13	5.6 ***	.13	5.6 ***	.14
		2		15	1	259	2	1,086	2	3,843	2							
		3		32	3	683	4	2,553	4	9,598	4							
		4		101	9	1,731	10	6,650	10	24,480	10							
		5		284	23	4,284	24	16,030	23	61,016	24							
		6		350	29	4,779	27	17,758	25	68,770	27							
		7	Excellent	426	35	5,481	31	21,036	30	74,617	30							
		—	Not applicable	3	0	120	1	2,645	5	6,179	3							
			Total	1,219	100	17,569	100	68,679	100	251,470	100							
b. Academic advisors	QIadvisor	1	Poor	35	3	769	5	2,847	4	10,501	4	<b>5.3</b>	5.2 ***	.10	5.4	-.03	5.3	.02
		2		45	4	788	4	2,832	4	11,182	5							
		3		83	7	1,395	8	4,610	7	17,531	7							
		4		158	13	2,303	13	7,755	11	29,733	12							
		5		232	19	3,572	20	12,150	17	45,770	18							
		6		277	23	3,464	20	13,310	19	49,349	19							
		7	Excellent	355	29	4,825	28	23,866	36	83,457	33							
		—	Not applicable	31	3	431	3	1,248	2	3,760	2							
			Total	1,216	100	17,547	100	68,618	100	251,283	100							
c. Faculty	QIfaculty	1	Poor	21	2	344	2	1,067	2	3,580	2	<b>5.6</b>	5.4 ***	.12	5.6	-.03	5.5	.02
		2		14	1	471	3	1,381	2	4,845	2							
		3		50	4	963	5	2,886	4	10,966	5							
		4		124	10	2,170	12	7,052	10	26,995	11							
		5		282	23	4,104	23	15,098	22	58,081	23							
		6		374	30	4,677	27	18,556	26	70,956	28							
		7	Excellent	338	28	4,664	27	21,771	33	73,409	29							
		—	Not applicable	13	1	155	1	806	1	2,379	1							
			Total	1,216	100	17,548	100	68,617	100	251,211	100							

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### Seniors

				Frequency Distributions <sup>a</sup>						Statistical Comparisons <sup>b</sup>									
										<i>Your seniors compared with</i>									
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	31	3	837	5	2,873	4	10,237	4	<b>5.3</b>	5.0 ***	.18	5.1 **	.09	5.0 ***	.14	
		2		44	4	756	4	2,563	4	10,216	4								
		3		64	5	1,236	7	4,277	6	16,953	7								
		4		121	10	2,145	12	7,740	11	31,856	12								
		5		213	17	3,227	18	11,766	17	46,574	18								
		6		247	20	3,007	17	11,468	16	43,617	17								
		7	Excellent	252	22	3,220	19	14,263	21	48,306	19								
		—	Not applicable	242	20	3,103	18	13,595	21	43,325	19								
	Total			1,214	100	17,531	100	68,545	100	251,084	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	32	3	825	5	2,887	4	11,239	5	<b>5.2</b>	5.0 ***	.10	5.1	.01	5.0 **	.08	
		2		45	4	859	5	2,987	4	11,795	5								
		3		86	7	1,367	8	4,937	7	19,143	8								
		4		161	13	2,571	15	9,084	13	36,015	14								
		5		262	21	3,769	22	13,832	20	52,228	20								
		6		260	21	3,554	20	13,740	20	50,091	20								
		7	Excellent	246	21	3,578	21	16,731	25	54,867	22								
		—	Not applicable	124	11	1,024	6	4,395	7	15,802	7								
	Total			1,216	100	17,547	100	68,593	100	251,180	100								
<b>14. How much does your institution emphasize the following?</b>																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	18	2	345	2	1,420	2	4,751	2	<b>3.1</b>	3.1 *	-.08	3.1	-.02	3.1	-.05	
		2	Some	270	22	3,128	18	12,912	19	45,581	19								
		3	Quite a bit	517	43	7,764	44	31,504	46	114,199	46								
		4	Very much	403	33	6,260	36	22,522	33	85,856	34								
			Total			1,208	100	17,497	100	68,358	100								250,387
b. Providing support to help students succeed academically	SEacademic	1	Very little	43	4	976	6	3,713	6	12,848	6	<b>3.0</b>	2.9 ***	.13	3.0 *	.07	2.9 ***	.11	
		2	Some	260	22	4,484	26	15,773	23	59,499	24								
		3	Quite a bit	526	43	7,119	41	27,790	40	105,462	42								
		4	Very much	382	32	4,867	28	20,926	31	72,089	28								
			Total			1,211	100	17,446	100	68,202	100								249,898
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	108	9	1,845	11	6,345	9	22,090	9	<b>2.9</b>	2.8 **	.08	2.9	.02	2.9	.05	
		2	Some	267	22	4,291	25	15,808	23	60,463	25								
		3	Quite a bit	456	38	6,301	36	24,895	36	93,899	37								
		4	Very much	376	31	5,004	29	21,083	31	73,239	29								
			Total			1,207	100	17,441	100	68,131	100								249,691

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2019 & 2020								Statistical Comparisons <sup>b</sup>						
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	108	9	2,201	13	9,992	15	36,636	15	<b>2.9</b>	2.7 ***	.12	2.6 ***	.22	2.6 ***	.23
		2	Some	323	27	4,830	27	19,954	29	75,845	30							
		3	Quite a bit	411	34	5,776	33	21,811	32	80,077	32							
		4	Very much	363	30	4,610	27	16,252	24	56,752	23							
		Total		1,205	100	17,417	100	68,009	100	249,310	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	63	5	1,558	9	6,927	11	21,978	9	<b>2.9</b>	2.8 ***	.13	2.8 ***	.18	2.8 ***	.13
		2	Some	313	26	4,849	28	18,313	28	65,240	27							
		3	Quite a bit	475	39	6,423	37	24,976	36	95,592	38							
		4	Very much	358	29	4,555	26	17,712	25	66,268	26							
		Total		1,209	100	17,385	100	67,928	100	249,078	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	69	6	1,818	10	8,407	13	29,585	12	<b>3.0</b>	2.8 ***	.20	2.7 ***	.31	2.7 ***	.30
		2	Some	256	21	4,554	26	18,792	28	69,422	28							
		3	Quite a bit	469	39	6,221	36	23,691	34	88,723	35							
		4	Very much	409	34	4,788	28	16,981	24	61,060	24							
		Total		1,203	100	17,381	100	67,871	100	248,790	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	275	23	5,397	30	21,390	32	81,487	33	<b>2.3</b>	2.2 ***	.13	2.2 ***	.15	2.1 ***	.21
		2	Some	444	37	5,915	34	23,158	34	86,994	35							
		3	Quite a bit	321	27	3,842	23	14,713	22	52,083	21							
		4	Very much	163	13	2,199	13	8,505	13	27,999	11							
		Total		1,203	100	17,353	100	67,766	100	248,563	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	160	14	3,453	19	15,125	24	42,780	18	<b>2.6</b>	2.5 ***	.12	2.4 ***	.19	2.5	.04
		2	Some	412	34	5,701	33	20,160	30	74,080	30							
		3	Quite a bit	389	32	5,238	31	20,401	29	82,084	32							
		4	Very much	242	20	2,952	17	12,032	17	49,330	20							
		Total		1,203	100	17,344	100	67,718	100	248,274	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	243	20	4,016	23	16,718	26	55,111	23	<b>2.4</b>	2.3	.03	2.3 **	.10	2.3 *	.06
		2	Some	453	38	6,253	36	23,827	35	90,903	37							
		3	Quite a bit	334	28	4,637	27	17,947	26	68,669	27							
		4	Very much	174	14	2,433	14	9,202	13	33,653	13							
		Total		1,204	100	17,339	100	67,694	100	248,336	100							

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>15. To what extent do you agree or disagree with the following statements?</b>																			
a. I feel comfortable being myself at this institution.	SBmyself <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	15	1	359	3	1,002	2	3,695	3	<b>3.4</b>	3.3 ***	.13	3.3	.04	3.3 **	.07	
		2	Disagree	67	6	1,058	8	2,755	6	10,133	7								
		3	Agree	574	47	7,521	49	20,556	46	69,829	46								
		4	Strongly agree	549	46	6,092	41	19,330	45	64,184	44								
		Total		1,205	100	15,030	100	43,643	100	147,841	100								
b. I feel valued by this institution.	SBvalued <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	28	3	855	6	2,397	6	9,597	7	<b>3.0</b>	2.9 ***	.14	3.0	.01	2.9 ***	.10	
		2	Disagree	215	18	2,883	19	7,204	16	27,219	18								
		3	Agree	656	54	8,001	53	22,043	49	73,160	49								
		4	Strongly agree	305	25	3,277	22	11,973	29	37,727	26								
		Total		1,204	100	15,016	100	43,617	100	147,703	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	29	3	816	6	2,327	6	8,345	6	<b>3.0</b>	2.9 ***	.13	3.0	.04	3.0 *	.06	
		2	Disagree	231	20	3,004	20	7,914	18	26,780	18								
		3	Agree	631	52	7,916	52	21,816	49	73,030	49								
		4	Strongly agree	312	26	3,304	22	11,584	27	39,649	27								
		Total		1,203	100	15,040	100	43,641	100	147,804	100								
<b>16. About how many hours do you spend in a typical 7-day week doing the following?</b>																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	3	0	50	0	251	0	968	0	<b>15.0</b>	14.3 *	.07	14.5 *	.06	14.9	.00	
		3	1-5 hrs	163	14	2,370	14	9,244	14	31,972	13								
		8	6-10 hrs	265	22	4,531	26	16,483	24	56,997	23								
		13	11-15 hrs	252	21	3,686	21	14,263	21	51,202	21								
		18	16-20 hrs	211	17	2,973	17	12,065	18	44,945	18								
		23	21-25 hrs	139	12	1,619	9	6,863	10	26,773	11								
		28	26-30 hrs	76	6	868	5	3,702	5	15,271	6								
		33	More than 30 hrs	91	8	1,202	7	4,691	7	19,650	8								
Total		1,200	100	17,299	100	67,562	100	247,778	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	634	52	8,819	50	33,467	52	104,506	44	<b>4.0</b>	4.4	-.05	4.3	-.03	5.0 ***	-.13	
		3	1-5 hrs	275	23	4,109	24	16,574	24	67,560	27								
		8	6-10 hrs	131	11	1,797	11	7,034	10	31,889	13								
		13	11-15 hrs	76	6	1,173	7	4,375	6	18,754	7								
		18	16-20 hrs	42	4	692	4	2,831	4	11,720	5								
		23	21-25 hrs	21	2	347	2	1,505	2	6,260	2								
		28	26-30 hrs	8	1	130	1	648	1	2,600	1								
33	More than 30 hrs	10	1	209	1	1,030	2	4,070	2										
Total		1,197	100	17,276	100	67,464	100	247,359	100										

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2019 & 2020								Your seniors compared with						
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Working for pay on campus	tmworkonhrs	0	0 hrs	992	83	13,815	79	51,796	78	173,616	72	<b>2.4</b>	2.9 **	-0.08	2.9 **	-0.08	3.6 ***	-0.17
	(Recorded version of tmworkon created by NSSE.)	3	1-5 hrs	18	1	435	3	2,614	3	12,349	4							
		8	6-10 hrs	39	3	670	4	4,048	5	20,890	7							
		13	11-15 hrs	65	5	789	5	3,432	5	16,203	6							
	Values are estimated number of hours per week.)	18	16-20 hrs	53	4	1,129	7	3,431	5	15,150	6							
		23	21-25 hrs	24	2	210	1	1,019	1	4,587	2							
		28	26-30 hrs	3	0	66	0	386	1	1,698	1							
		33	More than 30 hrs	3	0	134	1	703	1	2,861	1							
	Total			1,197	100	17,248	100	67,429	100	247,354	100							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	374	31	5,646	34	23,034	34	101,570	41	<b>14.6</b>	14.1	.04	15.6 **	-0.07	13.0 ***	.12
	(Recorded version of tmworkoff created by NSSE.)	3	1-5 hrs	44	3	702	4	2,841	4	12,212	5							
		8	6-10 hrs	56	4	1,025	6	4,058	6	15,906	6							
	Values are estimated number of hours per week.)	13	11-15 hrs	117	10	1,370	8	4,669	6	17,250	7							
		18	16-20 hrs	195	16	2,281	13	6,575	9	22,725	9							
		23	21-25 hrs	160	14	1,823	10	5,314	7	17,659	7							
		28	26-30 hrs	104	9	1,460	8	4,273	6	12,981	5							
		33	More than 30 hrs	150	13	2,962	17	16,744	28	47,268	21							
	Total			1,200	100	17,269	100	67,508	100	247,571	100							
Estimated number of hours working for pay	tmworkhrs										<b>17.0</b>	17.0	.00	18.5 ***	-0.11	16.6	.03	
	(Continuous variable created by NSSE)																	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	660	56	9,051	53	34,205	51	123,296	51	<b>3.4</b>	3.8 *	-0.06	3.4	.00	3.3	.02
	(Recorded version of tmservice created by NSSE.)	3	1-5 hrs	301	24	4,388	25	21,149	31	82,275	32							
	Values are estimated number of hours per week.)	8	6-10 hrs	123	10	1,781	10	5,711	8	20,556	8							
		13	11-15 hrs	52	4	936	5	2,790	4	9,342	4							
		18	16-20 hrs	39	3	536	3	1,641	2	5,524	2							
		23	21-25 hrs	7	1	224	1	724	1	2,563	1							
		28	26-30 hrs	3	0	113	1	358	1	1,154	0							
		33	More than 30 hrs	16	1	222	1	858	1	2,693	1							
	Total			1,201	100	17,251	100	67,436	100	247,403	100							

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2019 & 2020								Your seniors compared with						
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
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	26	2	610	4	2,472	4	7,446	3	<b>11.9</b>	10.8 ***	.13	10.3 ***	.20	10.9 ***	.12
		3	1-5 hrs	286	23	4,932	28	20,131	30	66,573	27							
		8	6-10 hrs	311	25	4,773	27	18,827	28	70,036	28							
		13	11-15 hrs	272	23	3,063	18	11,558	17	46,064	18							
		18	16-20 hrs	150	13	1,890	11	7,223	11	28,591	12							
		23	21-25 hrs	54	5	731	4	2,895	4	11,923	5							
		28	26-30 hrs	32	3	360	2	1,334	2	5,366	2							
		33	More than 30 hrs	70	6	912	6	3,009	5	11,370	5							
	Total	1,201	100	17,271	100	67,449	100	247,369	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	727	61	9,679	57	37,962	55	159,845	63	<b>4.9</b>	6.0 ***	-.10	8.1 ***	-.26	6.3 ***	-.12
		3	1-5 hrs	189	16	2,666	15	8,139	12	25,746	10							
		8	6-10 hrs	80	7	1,393	8	4,240	6	12,573	5							
		13	11-15 hrs	62	5	825	5	2,853	4	8,337	4							
		18	16-20 hrs	36	3	568	3	2,241	4	6,646	3							
		23	21-25 hrs	15	1	326	2	1,304	2	3,783	2							
		28	26-30 hrs	15	1	189	1	889	1	2,614	1							
		33	More than 30 hrs	76	6	1,577	9	9,707	16	27,513	12							
	Total	1,200	100	17,223	100	67,335	100	247,057	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	51	4	937	5	17,278	28	63,787	26	<b>6.9</b>	7.4 *	-.06	5.2 ***	.26	5.0 ***	.30
		3	1-5 hrs	624	52	8,541	50	29,540	42	116,039	46							
		8	6-10 hrs	308	25	4,274	25	11,354	16	38,197	16							
		13	11-15 hrs	110	10	1,655	10	4,372	6	14,014	6							
		18	16-20 hrs	50	4	730	4	1,838	3	5,894	3							
		23	21-25 hrs	21	2	348	2	928	1	2,927	1							
		28	26-30 hrs	7	1	160	1	427	1	1,421	1							
		33	More than 30 hrs	29	2	620	4	1,729	2	5,186	2							
	Total	1,200	100	17,265	100	67,466	100	247,465	100									

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	The Beach				Far West Public				Carnegie Class				NSSE 2019 & 2020				The Beach				Far West Public				Carnegie Class				NSSE 2019 & 2020			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																																			
	reading	1	Very little	148	12	1,965	12	7,636	11	33,553	14	<b>2.9</b>	2.9	-.04	2.9	-.05	2.8	.05																	
		2	Some	344	29	4,669	28	18,285	27	70,982	29																								
		3	About half	332	28	4,789	28	19,429	29	67,541	27																								
		4	Most	257	22	3,951	23	15,316	23	52,471	21																								
		5	Almost all	116	9	1,860	10	6,659	10	22,541	9																								
			Total	1,197	100	17,234	100	67,325	100	247,088	100																								
	tmreadinghrs											<b>7.3</b>	7.2	.03	7.3	.00	7.1	.05																	
			(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)																																
	tmreadinghrscol	1	0 hrs	3	0	49	0	242	0	949	0																								
		2	More than zero, up to 5 hrs	567	47	8,234	48	31,605	47	117,607	49																								
		3	More than 5, up to 10 hrs	338	29	5,061	29	19,473	29	71,663	29																								
		4	More than 10, up to 15 hrs	122	10	1,712	10	7,246	11	25,868	10																								
		5	More than 15, up to 20 hrs	86	7	986	6	4,147	6	14,778	6																								
		6	More than 20, up to 25 hrs	46	4	746	4	2,912	4	10,378	4																								
		7	More than 25 hrs	29	2	395	2	1,458	2	4,928	2																								
			Total	1,191	100	17,183	100	67,083	100	246,171	100																								
<b>18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																																			
a. Writing clearly and effectively	pgwrite	1	Very little	45	4	750	5	3,057	5	12,576	6	<b>3.1</b>	3.0 ***	.11	3.1 **	.10	3.0 ***	.14																	
		2	Some	207	17	3,394	20	13,403	20	51,732	21																								
		3	Quite a bit	481	40	7,217	42	26,738	39	96,822	39																								
		4	Very much	467	39	5,867	34	23,989	36	85,400	34																								
			Total	1,200	100	17,228	100	67,187	100	246,530	100																								

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



# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2019 & 2020								Your seniors compared with									
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
b. Speaking clearly and effectively	pgspeak	1	Very little	46	4	882	6	4,569	8	17,265	8	<b>3.1</b>	3.0 **	.08	2.9 ***	.14	2.9 ***	.16			
		2	Some	238	20	3,720	22	15,200	23	56,655	23								△	△	△
		3	Quite a bit	484	41	6,887	39	25,208	37	92,560	37										
		4	Very much	429	35	5,720	33	22,197	32	80,039	32										
		Total		1,197	100	17,209	100	67,174	100	246,519	100										
c. Thinking critically and analytically	pgthink	1	Very little	16	2	385	2	1,463	2	5,137	2	<b>3.4</b>	3.3 **	.08	3.3 **	.08	3.3 *	.06			
		2	Some	139	12	2,106	13	8,399	13	29,785	13								△	△	△
		3	Quite a bit	441	36	6,718	38	25,554	38	92,512	37										
		4	Very much	604	50	7,998	46	31,789	47	119,192	48										
		Total		1,200	100	17,207	100	67,205	100	246,626	100										
d. Analyzing numerical and statistical information	pganalyze	1	Very little	123	10	1,442	8	6,257	9	23,733	9	<b>2.9</b>	2.9 **	-.09	2.9	-.03	2.9	-.05			
		2	Some	317	26	4,017	23	17,230	25	62,170	24								▽		
		3	Quite a bit	407	34	6,128	35	22,866	34	82,039	33										
		4	Very much	353	31	5,625	34	20,851	32	78,618	33										
		Total		1,200	100	17,212	100	67,204	100	246,560	100										
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	97	8	1,616	10	5,332	8	19,568	9	<b>2.9</b>	2.9	-.02	3.0 ***	-.13	3.0 ***	-.11			
		2	Some	323	27	4,264	25	14,825	22	55,884	23										
		3	Quite a bit	425	36	6,041	35	23,262	34	84,786	34										
		4	Very much	356	29	5,284	31	23,772	36	86,345	35										
		Total		1,201	100	17,205	100	67,191	100	246,583	100										
f. Working effectively with others	pgothers	1	Very little	27	3	674	4	3,630	6	11,811	5	<b>3.2</b>	3.1 **	.09	3.0 ***	.18	3.1 ***	.15			
		2	Some	206	17	3,151	19	13,333	21	48,486	20								△	△	△
		3	Quite a bit	465	39	6,772	39	25,318	37	94,449	38										
		4	Very much	500	41	6,607	38	24,898	36	91,781	37										
		Total		1,198	100	17,204	100	67,179	100	246,527	100										
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	80	7	1,451	9	6,188	10	23,479	11	<b>3.0</b>	2.9	.05	2.9 **	.08	2.9 ***	.10			
		2	Some	293	24	3,846	23	15,287	23	57,528	24										
		3	Quite a bit	409	34	6,346	36	23,582	34	85,688	34										
		4	Very much	415	35	5,543	32	22,087	32	79,673	31								△	△	
		Total		1,197	100	17,186	100	67,144	100	246,368	100										

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

# NSSE 2020 Frequencies and Statistical Comparisons

## California State University-Long Beach

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2019 & 2020								Your seniors compared with						
				The Beach		Far West Public		Carnegie Class		NSSE 2019 & 2020		The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	60	5	1,142	7	5,686	9	21,610	10	<b>3.1</b>	3.0 **	.10	2.9 ***	.21	2.9 ***	.23
		2	Some	224	19	3,487	21	15,911	24	60,692	25							
		3	Quite a bit	426	35	6,107	35	22,867	33	84,738	34							
		4	Very much	489	40	6,447	37	22,702	33	79,448	32							
		Total		1,199	100	17,183	100	67,166	100	246,488	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	82	7	1,502	9	5,711	9	20,459	9	<b>2.9</b>	2.9	.01	2.9	.01	2.9	.01
		2	Some	343	29	4,387	26	17,382	26	64,346	26							
		3	Quite a bit	415	35	6,269	36	23,919	35	88,344	35							
		4	Very much	358	30	5,040	29	20,175	30	73,346	30							
		Total		1,198	100	17,198	100	67,187	100	246,495	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	95	8	1,973	12	7,685	12	29,351	13	<b>2.8</b>	2.8 **	.10	2.8 **	.09	2.7 ***	.12
		2	Some	337	28	4,715	27	18,713	28	70,579	29							
		3	Quite a bit	412	34	5,814	33	21,988	32	80,296	32							
		4	Very much	357	29	4,706	27	18,859	28	66,497	27							
		Total		1,201	100	17,208	100	67,245	100	246,723	100							
<b>19. How would you evaluate your entire educational experience at this institution?</b>																		
	evalexp	1	Poor	13	1	402	3	1,598	3	5,945	3	<b>3.3</b>	3.2 ***	.20	3.3 **	.08	3.2 ***	.09
		2	Fair	125	11	2,482	15	8,007	12	29,161	12							
		3	Good	526	43	8,210	47	29,158	42	107,517	43							
		4	Excellent	540	45	6,159	36	28,741	43	104,977	42							
		Total		1,204	100	17,253	100	67,504	100	247,600	100							
<b>20. If you could start over again, would you go to the same institution you are now attending?</b>																		
	sameinst	1	Definitely no	28	2	733	5	3,078	5	11,496	5	<b>3.4</b>	3.2 ***	.24	3.2 ***	.15	3.2 ***	.18
		2	Probably no	101	8	2,320	13	8,214	12	30,758	12							
		3	Probably yes	463	38	7,211	42	25,570	37	95,114	38							
		4	Definitely yes	616	51	7,049	40	30,834	46	110,939	45							
		Total		1,208	100	17,313	100	67,696	100	248,307	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<sup>g</sup>

### California State University-Long Beach

#### First-Year Students

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	The Beach	The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020	The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020	The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:						
														Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020				
1 a. askquest	1,297	2.60	2.62	2.79	2.80	.022	.008	.004	.002	.80	.81	.85	.85	11,727	1,364	1,312	.578	.000	.000	-.02	-.22	-.23				
b. unpreparedr	1,294	3.03	3.02	3.13	3.07	.021	.008	.003	.002	.75	.77	.77	.77	11,690	1,355	1,308	.420	.000	.074	.02	-.12	-.05				
c. attendart	1,294	1.83	1.70	1.79	1.85	.024	.008	.004	.002	.85	.85	.90	.92	11,659	1,359	1,310	.000	.072	.516	.15	.05	-.02				
d. CLaskhelp	1,286	2.73	2.67	2.49	2.60	.023	.008	.004	.002	.83	.86	.91	.90	1,650	1,357	1,302	.030	.000	.000	.06	.26	.15				
e. CLexplain	1,284	2.66	2.71	2.59	2.69	.022	.008	.004	.002	.78	.82	.88	.85	1,662	1,359	1,301	.032	.001	.202	-.06	.08	-.03				
f. CLstudy	1,284	2.61	2.50	2.41	2.53	.026	.009	.004	.002	.92	.95	.98	.98	1,642	1,351	1,299	.000	.000	.002	.11	.20	.08				
g. CLproject	1,273	2.76	2.72	2.55	2.63	.023	.008	.004	.002	.83	.83	.92	.89	11,472	1,345	1,289	.101	.000	.000	.05	.22	.14				
h. present	1,276	2.46	2.58	2.32	2.27	.024	.009	.004	.002	.85	.90	.93	.91	1,654	1,346	225,532	.000	.000	.000	-.13	.15	.20				
2 a. RIintegrate	1,249	2.53	2.59	2.55	2.57	.022	.008	.004	.002	.79	.84	.85	.85	1,617	1,315	1,264	.022	.370	.063	-.07	-.02	-.05				
b. RISocietal	1,246	2.50	2.58	2.56	2.56	.024	.009	.004	.002	.86	.87	.88	.88	11,228	55,420	219,855	.002	.036	.016	-.09	-.06	-.07				
c. RIDiverse	1,225	2.51	2.60	2.54	2.56	.025	.009	.004	.002	.87	.90	.91	.90	1,568	1,286	1,239	.000	.146	.024	-.11	-.04	-.06				
d. Rlownview	1,212	2.69	2.77	2.77	2.77	.022	.008	.004	.002	.78	.81	.81	.81	10,982	54,131	214,918	.001	.001	.000	-.11	-.10	-.11				
e. Rlperspect	1,195	2.91	2.95	2.91	2.92	.022	.008	.003	.002	.75	.78	.79	.79	10,810	1,256	1,209	.071	.883	.490	-.06	.00	-.02				
f. RInewview	1,173	2.86	2.88	2.85	2.86	.022	.008	.003	.002	.76	.77	.79	.79	10,681	52,410	208,102	.293	.671	.860	-.03	.01	.01				
g. RIconnect	1,166	2.98	3.00	3.01	3.03	.021	.008	.003	.002	.70	.74	.75	.74	1,509	1,227	1,180	.352	.080	.007	-.03	-.05	-.08				
3 a. SFcareer	1,164	2.16	2.20	2.31	2.33	.026	.010	.004	.002	.89	.94	.94	.93	1,498	1,223	1,177	.112	.000	.000	-.05	-.17	-.18				
b. SFotherwork	1,160	1.59	1.72	1.78	1.80	.024	.009	.004	.002	.82	.91	.93	.93	1,528	1,228	1,176	.000	.000	.000	-.14	-.21	-.23				
c. SFdiscuss	1,151	1.88	1.91	1.99	2.02	.025	.009	.004	.002	.84	.89	.91	.90	1,491	50,831	201,866	.196	.000	.000	-.04	-.13	-.16				
d. SFperform	1,149	2.05	2.05	2.15	2.14	.025	.009	.004	.002	.85	.89	.90	.89	1,477	1,208	1,162	.959	.000	.000	.00	-.12	-.10				
4 a. memorize	1,142	2.93	2.94	2.90	2.91	.024	.008	.004	.002	.80	.79	.80	.80	10,314	50,363	200,131	.625	.215	.538	-.02	.04	.02				
b. HOapply	1,137	2.76	2.81	2.87	2.91	.024	.008	.004	.002	.80	.81	.80	.80	10,247	1,188	1,149	.036	.000	.000	-.07	-.13	-.19				
c. HOanalyze	1,129	2.80	2.87	2.88	2.90	.024	.009	.004	.002	.79	.81	.81	.81	10,152	49,449	196,680	.015	.002	.000	-.08	-.09	-.12				
d. HOevaluate	1,130	2.86	2.93	2.91	2.89	.023	.008	.004	.002	.78	.79	.80	.81	10,114	49,162	195,462	.005	.038	.134	-.09	-.06	-.04				
e. HOform	1,121	2.83	2.88	2.89	2.89	.024	.008	.004	.002	.81	.79	.80	.80	10,062	48,948	194,471	.038	.010	.011	-.07	-.08	-.08				
5 a. ETgoals	1,117	3.04	3.03	3.06	3.06	.023	.008	.004	.002	.78	.79	.79	.78	9,974	48,519	192,910	.472	.440	.472	.02	-.02	-.02				
b. ETorganize	1,114	2.90	2.93	2.97	2.99	.025	.009	.004	.002	.85	.85	.84	.82	9,928	48,340	1,125	.240	.005	.001	-.04	-.08	-.11				
c. ETexample	1,113	2.97	2.98	3.00	3.02	.025	.009	.004	.002	.84	.84	.84	.82	9,910	48,240	191,837	.690	.299	.077	-.01	-.03	-.05				
d. ETdraftfb	1,110	2.83	2.86	2.86	2.81	.027	.009	.004	.002	.90	.88	.90	.91	9,882	48,129	191,492	.331	.416	.457	-.03	-.02	.02				
e. ETfeedback	1,108	2.73	2.72	2.78	2.73	.026	.010	.004	.002	.88	.90	.90	.90	9,861	47,983	190,856	.992	.063	.844	.00	-.06	-.01				
6 a. QRconclude	1,094	2.46	2.57	2.56	2.58	.025	.009	.004	.002	.84	.85	.87	.87	9,730	1,150	1,107	.000	.000	.000	-.13	-.12	-.14				
b. QRproblem	1,092	2.25	2.36	2.33	2.33	.026	.010	.004	.002	.88	.91	.91	.92	1,407	1,148	1,105	.000	.001	.003	-.13	-.09	-.09				
c. QRevaluate	1,085	2.26	2.34	2.30	2.33	.026	.009	.004	.002	.84	.88	.89	.89	1,398	1,142	1,098	.003	.113	.012	-.09	-.05	-.07				

# NSSE 2020 Frequencies and Statistical Comparisons

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

### California State University-Long Beach

#### First-Year Students

Variable Name	N		Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	The Beach	The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020	The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020	The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:			
														Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	
7 a. wrshortnum	1,090	6.31	6.17	6.36	6.49	.157	.058	.026	.013	5.18	5.33	5.61	5.69	9,606	1,151	1,104	.406	.754	.271	.03	-.01	-.03	
b. wrmednum	1,089	2.42	2.61	2.35	2.31	.103	.040	.016	.008	3.41	3.70	3.44	3.40	1,437	46,522	185,430	.089	.531	.315	-.05	.02	.03	
c. wrlongnum	1,083	1.04	1.22	1.02	1.00	.091	.037	.014	.007	2.99	3.43	3.03	2.95	1,471	46,537	185,548	.081	.826	.588	-.05	.01	.02	
— wrpages	1,079	53.56	56.99	52.76	52.46	2.266	.906	.353	.172	74.45	83.30	75.07	73.73	1,446	46,231	184,423	.159	.731	.625	-.04	.01	.01	
8 a. DDrace	1,088	3.15	3.08	2.98	3.04	.026	.010	.004	.002	.87	.89	.93	.91	9,576	46,450	185,182	.014	.000	.000	.08	.18	.12	
b. DDeconomic	1,088	3.04	2.97	2.96	3.02	.026	.010	.004	.002	.87	.89	.91	.88	9,539	46,281	184,667	.008	.003	.529	.09	.09	.02	
c. DDreligion	1,089	2.91	2.84	2.87	2.94	.028	.010	.004	.002	.93	.95	.95	.94	1,401	46,291	184,679	.022	.193	.361	.07	.04	-.03	
d. DDpolitical	1,089	2.74	2.70	2.84	2.89	.029	.011	.004	.002	.96	.97	.95	.94	9,554	46,319	1,100	.192	.001	.000	.04	-.10	-.16	
9 a. LSreading	1,086	2.90	2.95	3.00	3.00	.023	.008	.004	.002	.74	.76	.77	.77	9,497	45,963	183,428	.035	.000	.000	-.07	-.13	-.13	
b. LSnotes	1,084	2.85	2.88	2.94	2.91	.026	.010	.004	.002	.85	.87	.87	.88	9,476	45,881	183,186	.375	.002	.022	-.03	-.10	-.07	
c. LSsummary	1,078	2.74	2.75	2.85	2.83	.026	.010	.004	.002	.85	.88	.87	.87	9,476	45,879	183,205	.581	.000	.001	-.02	-.12	-.10	
10. challenge	1,079	5.28	5.29	5.41	5.42	.036	.013	.006	.003	1.19	1.23	1.25	1.24	9,422	1,137	1,092	.913	.000	.000	.00	-.10	-.11	
11 a. intern <sup>l</sup>	1,075	.058	.057	.067	.073	.0072	.0025	.0012	.0006	--	--	--	--	--	--	--	.871	.278	.059	.01	-.03	-.06	
b. leader <sup>l</sup>	1,075	.049	.070	.088	.103	.0066	.0028	.0013	.0007	--	--	--	--	--	--	--	.007	.000	.000	-.09	-.16	-.21	
c. learncom <sup>l</sup>	1,069	.094	.107	.105	.127	.0089	.0034	.0015	.0008	--	--	--	--	--	--	--	.195	.236	.001	-.04	-.04	-.11	
d. abroad <sup>l</sup>	1,073	.013	.022	.024	.028	.0035	.0016	.0007	.0004	--	--	--	--	--	--	--	.064	.017	.003	-.07	-.08	-.11	
e. research <sup>l</sup>	1,071	.025	.035	.042	.047	.0048	.0020	.0010	.0005	--	--	--	--	--	--	--	.089	.007	.001	-.06	-.09	-.12	
f. capstone <sup>l</sup>	1,073	.008	.022	.020	.020	.0027	.0016	.0007	.0003	--	--	--	--	--	--	--	.003	.005	.004	-.12	-.11	-.11	
12. servcourse	1,066	1.58	1.71	1.67	1.64	.021	.008	.003	.002	.68	.73	.72	.71	9,274	44,826	179,322	.000	.000	.007	-.18	-.13	-.08	
13 a. QIstudent	1,063	5.57	5.33	5.40	5.45	.040	.015	.007	.003	1.31	1.38	1.40	1.36	9,178	1,125	176,204	.000	.000	.004	.17	.12	.09	
b. QIadvisor	1,049	5.34	5.17	5.36	5.38	.046	.018	.008	.004	1.49	1.61	1.62	1.58	1,403	1,110	1,063	.001	.682	.367	.10	-.01	-.03	
c. QIfaculty	1,045	5.27	5.12	5.41	5.41	.043	.017	.007	.003	1.40	1.49	1.42	1.37	9,019	43,945	176,540	.002	.002	.001	.10	-.10	-.10	
d. QIstaff	886	5.28	4.94	5.18	5.19	.053	.020	.008	.004	1.59	1.70	1.63	1.58	1,152	38,867	160,092	.000	.077	.090	.21	.06	.06	
e. QIadmin	925	5.20	4.97	5.19	5.15	.052	.019	.008	.004	1.58	1.65	1.62	1.59	8,428	41,474	165,160	.000	.858	.402	.14	.01	.03	
14 a. empstudy	1,066	3.11	3.05	3.05	3.08	.022	.008	.004	.002	.73	.76	.76	.75	9,186	44,432	177,953	.031	.019	.322	.07	.07	.03	
b. SEacademic	1,061	3.05	2.99	3.04	3.04	.024	.009	.004	.002	.79	.83	.84	.83	9,167	1,119	177,422	.038	.717	.839	.07	.01	.01	
c. SElearnsup	1,060	3.10	3.05	3.10	3.10	.026	.010	.004	.002	.86	.91	.89	.88	9,149	44,297	177,319	.095	.898	.855	.05	.00	.01	
d. SEdiverse	1,063	2.88	2.79	2.75	2.76	.028	.010	.005	.002	.93	.94	.96	.95	1,364	1,119	1,075	.004	.000	.000	.09	.13	.12	
e. SEsocial	1,058	2.94	2.88	2.92	2.96	.027	.010	.004	.002	.89	.90	.91	.88	9,127	44,099	176,674	.034	.382	.532	.07	.03	-.02	
f. SEwellness	1,053	3.05	2.91	2.90	2.91	.028	.010	.004	.002	.90	.91	.92	.90	9,106	44,016	176,353	.000	.000	.000	.15	.16	.15	

# NSSE 2020 Frequencies and Statistical Comparisons

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

### California State University-Long Beach

#### First-Year Students

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	The Beach	The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020	The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020	The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:						
														Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020				
g. SEnonacad	1,057	2.48	2.42	2.39	2.35	.030	.011	.005	.002	.97	.98	.99	.97	9,117	43,986	176,320	.082	.003	.000	.06	.09	.13				
h. SEactivities	1,056	2.64	2.63	2.69	2.79	.029	.011	.005	.002	.95	.98	.99	.94	9,092	43,922	1,068	.882	.069	.000	.00	-.06	-.17				
i. SEevents	1,056	2.41	2.42	2.44	2.47	.030	.011	.005	.002	.98	.99	.98	.96	9,105	43,923	176,059	.585	.229	.041	-.02	-.04	-.06				
15 a. SBmyself	1,056	3.25	3.17	3.25	3.26	.020	.009	.004	.002	.65	.66	.69	.69	1,477	25,485	1,080	.000	.841	.558	.12	-.01	-.02				
b. SBvalued	1,059	2.97	2.96	3.03	3.01	.021	.009	.005	.002	.68	.68	.73	.75	6,834	1,169	1,086	.413	.006	.126	.03	-.08	-.04				
c. SBcommunity	1,059	2.96	2.91	3.01	3.02	.022	.010	.005	.002	.71	.73	.77	.77	1,503	1,168	1,085	.045	.032	.009	.07	-.06	-.07				
16 a. tmprephrs	1,055	14.14	13.05	13.58	14.41	.248	.087	.039	.020	8.05	7.81	7.98	8.15	1,330	43,790	175,342	.000	.024	.281	.14	.07	-.03				
b. tmcocurrhrs	1,052	3.57	4.33	5.06	5.62	.177	.072	.034	.017	5.73	6.48	7.00	7.05	1,428	1,130	1,070	.000	.000	.000	-.12	-.21	-.29				
c. tmworkonhrs	1,055	1.47	1.78	2.16	2.43	.136	.060	.027	.014	4.42	5.33	5.63	5.77	1,490	1,140	1,076	.042	.000	.000	-.06	-.12	-.17				
d. tmworkoffhrs	1,057	6.39	6.07	7.82	5.92	.294	.106	.055	.024	9.55	9.50	11.45	10.12	9,058	1,132	175,080	.303	.000	.129	.03	-.13	.05				
— tmworkhrs	1,053	7.85	7.80	9.95	8.31	.321	.128	.062	.028	10.42	11.41	12.69	11.69	1,406	1,130	1,068	.880	.000	.154	.00	-.17	-.04				
e. tmservicehrs	1,056	1.88	2.48	2.59	2.52	.128	.058	.025	.012	4.17	5.17	5.07	4.90	1,519	1,134	1,073	.000	.000	.000	-.12	-.14	-.13				
f. tmrelaxhrs	1,055	12.62	12.21	12.08	12.55	.268	.099	.042	.021	8.69	8.87	8.69	8.61	9,061	43,711	174,974	.159	.044	.791	.05	.06	.01				
g. tmcarehrs	1,054	3.10	3.49	4.21	3.07	.190	.078	.043	.018	6.16	6.94	8.81	7.55	1,431	1,163	1,073	.055	.000	.893	-.06	-.13	.00				
h. tmcommutehrs	1,055	5.96	6.34	4.47	4.09	.193	.083	.032	.015	6.27	7.41	6.68	6.34	1,471	43,704	175,032	.076	.000	.000	-.05	.22	.30				
17. reading	1,054	2.74	2.80	2.81	2.71	.033	.012	.005	.003	1.06	1.06	1.08	1.09	9,045	43,639	174,690	.095	.054	.388	-.05	-.06	.03				
— tmreadinghrs	1,050	6.35	6.11	6.47	6.46	.171	.061	.028	.014	5.53	5.44	5.75	5.70	9,012	43,448	173,939	.178	.518	.533	.04	-.02	-.02				
18 a. pgwrite	1,054	2.85	2.87	2.87	2.80	.025	.009	.004	.002	.81	.81	.84	.87	8,998	43,374	1,068	.527	.443	.052	-.02	-.02	.06				
b. pgspeak	1,054	2.94	2.92	2.77	2.68	.025	.009	.004	.002	.81	.82	.90	.92	9,003	1,118	1,070	.511	.000	.000	.02	.19	.27				
c. pgthink	1,051	3.12	3.07	3.08	3.08	.024	.009	.004	.002	.77	.79	.80	.80	8,993	43,394	173,885	.049	.114	.090	.06	.05	.05				
d. pganalyze	1,053	2.76	2.73	2.67	2.68	.028	.010	.005	.002	.90	.89	.94	.94	8,992	1,110	1,066	.354	.002	.004	.03	.09	.09				
e. pgwork	1,053	2.51	2.47	2.63	2.63	.029	.011	.005	.002	.94	.95	.95	.95	8,976	43,367	173,880	.232	.000	.000	.04	-.12	-.12				
f. pgothers	1,056	2.94	2.89	2.86	2.86	.026	.010	.004	.002	.84	.86	.88	.88	8,989	1,114	1,069	.071	.002	.001	.06	.09	.10				
g. pgvalues	1,051	2.72	2.71	2.74	2.72	.028	.010	.005	.002	.90	.92	.94	.94	8,986	43,363	1,063	.714	.609	.981	.01	-.02	.00				
h. pgdiverse	1,055	2.90	2.91	2.83	2.81	.028	.010	.005	.002	.91	.90	.93	.93	9,000	1,110	1,068	.933	.011	.001	.00	.08	.10				
i. pgprobsolve	1,054	2.62	2.63	2.67	2.66	.028	.010	.005	.002	.92	.93	.93	.93	8,992	43,402	173,850	.609	.102	.139	-.02	-.05	-.05				
j. pgcitizen	1,058	2.67	2.66	2.68	2.66	.028	.010	.005	.002	.90	.93	.94	.94	9,005	1,116	1,071	.809	.818	.662	.01	-.01	.01				
19. evalexp	1,058	3.14	3.04	3.16	3.18	.022	.008	.004	.002	.71	.72	.74	.74	1,367	1,116	1,071	.000	.406	.077	.13	-.02	-.05				
20. sameinst	1,066	3.28	3.09	3.19	3.21	.022	.009	.004	.002	.72	.78	.81	.80	9,083	1,132	1,081	.000	.000	.002	.24	.10	.08				
21. returnexp <sup>1</sup>	1,071	.932	.898	.868	.878	.0077	.0034	.0016	.0008	--	--	--	--	--	--	--	.001	.000	.000	.12	.22	.18				

# NSSE 2020 Frequencies and Statistical Comparisons

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

### California State University-Long Beach

#### Seniors

Variable Name	N		Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	The Beach	The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020	The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020	The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:			
														Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	
1 a. askquest	1,413	2.84	2.91	3.06	3.06	.023	.008	.004	.002	.87	.89	.89	.88	14,003	58,949	224,007	.004	.000	.000	-.08	-.25	-.25	
b. unpreparedr	1,404	2.90	2.92	3.10	3.02	.020	.007	.003	.002	.76	.80	.81	.82	13,945	1,480	223,042	.393	.000	.000	-.02	-.25	-.15	
c. attendart	1,406	1.65	1.68	1.68	1.75	.022	.007	.004	.002	.81	.84	.87	.89	13,920	1,484	1,426	.140	.117	.000	-.04	-.04	-.11	
d. CLaskhelp	1,403	2.57	2.58	2.32	2.42	.023	.008	.004	.002	.87	.89	.94	.93	13,918	58,531	1,423	.603	.000	.000	-.01	.27	.15	
e. CLexplain	1,403	2.76	2.81	2.60	2.70	.022	.007	.004	.002	.81	.82	.93	.90	13,896	1,493	1,424	.023	.000	.005	-.06	.18	.07	
f. CLstudy	1,394	2.64	2.61	2.35	2.46	.025	.009	.004	.002	.95	.96	1.02	1.02	13,837	1,474	1,413	.263	.000	.000	.03	.28	.17	
g. CLproject	1,389	2.99	3.04	2.67	2.81	.023	.008	.004	.002	.85	.84	1.01	.95	13,787	1,485	1,410	.019	.000	.000	-.07	.31	.19	
h. present	1,387	2.86	2.89	2.64	2.67	.024	.008	.004	.002	.90	.93	1.01	.98	13,782	1,472	1,407	.178	.000	.000	-.04	.22	.20	
2 a. RIintegrate	1,384	2.93	2.99	2.89	2.91	.022	.007	.004	.002	.83	.83	.86	.85	13,675	1,458	217,641	.010	.107	.468	-.07	.04	.02	
b. RISocietal	1,375	2.82	2.83	2.80	2.78	.024	.008	.004	.002	.88	.90	.90	.91	13,629	57,077	1,393	.587	.368	.074	-.02	.02	.05	
c. RIDiverse	1,374	2.67	2.67	2.63	2.62	.026	.009	.004	.002	.95	.97	.96	.96	13,560	56,695	215,056	.911	.097	.026	.00	.05	.06	
d. Rlownview	1,359	2.82	2.84	2.85	2.85	.022	.008	.004	.002	.80	.84	.83	.83	13,468	56,255	213,463	.254	.108	.147	-.03	-.04	-.04	
e. Rlperspect	1,343	3.01	3.02	2.99	2.98	.021	.007	.003	.002	.77	.80	.80	.80	13,331	55,638	211,017	.507	.370	.345	-.02	.02	.03	
f. RInewview	1,326	2.98	3.01	2.97	2.97	.021	.007	.003	.002	.77	.79	.79	.79	13,203	55,070	208,714	.137	.818	.758	-.04	.01	.01	
g. RIconnect	1,322	3.17	3.20	3.20	3.19	.020	.007	.003	.002	.72	.72	.72	.73	13,090	54,557	206,823	.068	.056	.161	-.05	-.05	-.04	
3 a. SFcareer	1,321	2.31	2.41	2.46	2.45	.026	.009	.004	.002	.94	.98	1.00	.99	1,662	1,396	1,339	.000	.000	.000	-.10	-.15	-.14	
b. SFotherwork	1,309	1.84	1.92	1.91	1.96	.026	.009	.004	.002	.95	1.02	1.02	1.02	1,665	1,384	1,328	.003	.007	.000	-.08	-.07	-.12	
c. SFdiscuss	1,303	2.08	2.13	2.13	2.16	.025	.009	.004	.002	.91	.96	.97	.96	1,645	1,377	1,321	.080	.037	.002	-.05	-.05	-.08	
d. SFperform	1,307	2.16	2.22	2.28	2.22	.025	.009	.004	.002	.89	.93	.94	.93	1,639	1,380	1,325	.025	.000	.014	-.06	-.13	-.07	
4 a. memorize	1,302	2.83	2.88	2.75	2.76	.024	.008	.004	.002	.87	.85	.88	.88	12,896	1,368	1,319	.037	.001	.002	-.06	.09	.09	
b. HOapply	1,296	3.01	3.05	3.07	3.07	.022	.008	.003	.002	.81	.81	.79	.79	1,600	53,413	202,306	.039	.006	.005	-.06	-.08	-.08	
c. HOanalyze	1,285	3.02	3.05	3.04	3.03	.023	.008	.004	.002	.81	.81	.81	.81	12,720	52,936	200,590	.101	.275	.424	-.05	-.03	-.02	
d. HOevaluate	1,281	3.00	2.98	2.99	2.94	.023	.008	.004	.002	.83	.84	.83	.85	12,663	52,701	1,297	.388	.465	.010	.03	.02	.07	
e. HOform	1,275	2.98	2.98	2.99	2.96	.023	.008	.004	.002	.83	.82	.81	.82	12,609	1,335	198,898	.879	.600	.582	.00	-.02	.02	
5 a. ETgoals	1,269	3.17	3.16	3.17	3.15	.022	.007	.003	.002	.78	.78	.79	.78	12,560	52,187	197,654	.775	.935	.368	.01	.00	.03	
b. ETorganize	1,268	3.01	3.03	3.07	3.06	.023	.008	.004	.002	.82	.84	.85	.83	12,515	1,336	1,284	.463	.010	.018	-.02	-.07	-.07	
c. ETexample	1,264	3.11	3.12	3.10	3.10	.023	.008	.004	.002	.80	.82	.84	.83	12,499	1,333	196,877	.709	.609	.542	-.01	.01	.02	
d. ETdraftfb	1,261	2.85	2.80	2.84	2.79	.025	.009	.004	.002	.90	.94	.96	.96	1,583	1,331	1,278	.113	.755	.018	.05	.01	.06	
e. ETfeedback	1,261	2.81	2.78	2.88	2.83	.025	.009	.004	.002	.90	.92	.91	.91	12,455	51,775	196,016	.197	.010	.520	.04	-.07	-.02	
6 a. QRconclude	1,239	2.54	2.64	2.64	2.65	.025	.009	.004	.002	.88	.90	.91	.91	12,319	51,232	193,891	.000	.000	.000	-.12	-.11	-.13	
b. QRproblem	1,239	2.35	2.47	2.45	2.44	.027	.009	.004	.002	.94	.96	.95	.96	12,279	51,017	193,027	.000	.000	.000	-.13	-.11	-.10	
c. QRevaluate	1,229	2.38	2.47	2.42	2.44	.026	.009	.004	.002	.91	.92	.92	.92	12,232	50,863	192,445	.002	.183	.025	-.09	-.04	-.06	

# NSSE 2020 Frequencies and Statistical Comparisons

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

### California State University-Long Beach

#### Seniors

Variable Name	N		Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	The Beach	The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020	The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020	The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:			
														Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	
7 a. wrshortnum	1,231	7.88	7.81	7.77	7.69	.183	.063	.030	.015	6.43	6.58	6.63	6.69	12,196	1,296	1,248	.727	.547	.310	.01	.02	.03	
b. wrmednum	1,228	4.08	4.19	3.96	3.67	.136	.047	.021	.011	4.76	4.90	4.70	4.58	1,535	50,507	191,079	.419	.387	.002	-.02	.02	.09	
c. wrlongnum	1,230	2.37	2.49	2.17	2.02	.124	.043	.018	.009	4.34	4.48	4.00	3.88	1,538	1,282	1,242	.330	.109	.006	-.03	.05	.09	
— wrpages	1,220	91.89	93.87	87.00	82.27	3.109	1.063	.460	.228	108.62	110.71	101.73	98.86	1,519	50,144	1,232	.547	.098	.002	-.02	.05	.10	
8 a. DDrace	1,232	3.28	3.22	3.04	3.08	.024	.008	.004	.002	.84	.88	.94	.92	12,190	1,308	1,250	.019	.000	.000	.07	.26	.22	
b. DDeconomic	1,229	3.15	3.10	3.01	3.06	.024	.009	.004	.002	.86	.89	.91	.88	12,146	50,415	190,849	.086	.000	.001	.05	.15	.10	
c. DDreligion	1,231	3.00	2.99	2.92	2.97	.026	.009	.004	.002	.93	.95	.95	.94	12,159	1,295	190,878	.579	.003	.266	.02	.08	.03	
d. DDpolitical	1,231	2.78	2.81	2.87	2.92	.027	.009	.004	.002	.95	.97	.95	.94	12,162	50,464	1,246	.287	.001	.000	-.03	-.10	-.15	
9 a. LSreading	1,227	3.06	3.06	3.12	3.09	.023	.008	.004	.002	.79	.79	.78	.80	12,096	50,244	190,046	.985	.010	.202	.00	-.07	-.04	
b. LSnotes	1,223	2.86	2.86	2.90	2.85	.026	.009	.004	.002	.92	.91	.92	.93	12,078	50,180	189,856	.983	.194	.600	.00	-.04	.02	
c. LSsummary	1,225	2.77	2.80	2.89	2.85	.026	.009	.004	.002	.90	.90	.89	.90	12,080	1,284	189,836	.305	.000	.002	-.03	-.14	-.09	
10. challenge	1,221	5.47	5.56	5.63	5.56	.037	.013	.006	.003	1.28	1.30	1.30	1.30	12,015	49,855	188,722	.015	.000	.017	-.07	-.13	-.07	
11 a. intern <sup>l</sup>	1,219	.448	.415	.429	.481	.0142	.0047	.0022	.0012	--	--	--	--	--	--	--	.025	.194	.020	.07	.04	-.07	
b. leader <sup>l</sup>	1,215	.243	.246	.273	.343	.0123	.0042	.0020	.0011	--	--	--	--	--	--	--	.790	.019	.000	-.01	-.07	-.22	
c. learncom <sup>l</sup>	1,212	.193	.191	.199	.224	.0113	.0038	.0018	.0010	--	--	--	--	--	--	--	.873	.627	.009	.00	-.01	-.08	
d. abroad <sup>l</sup>	1,214	.096	.085	.092	.140	.0085	.0027	.0013	.0008	--	--	--	--	--	--	--	.179	.648	.000	.04	.01	-.14	
e. research <sup>l</sup>	1,215	.164	.171	.189	.228	.0106	.0036	.0018	.0010	--	--	--	--	--	--	--	.527	.030	.000	-.02	-.06	-.16	
f. capstone <sup>l</sup>	1,211	.546	.394	.425	.444	.0143	.0047	.0023	.0012	--	--	--	--	--	--	--	.000	.000	.000	.31	.24	.20	
12. servcourse	1,207	1.76	1.87	1.79	1.75	.021	.007	.003	.002	.74	.74	.74	.72	1,490	49,308	186,836	.000	.164	.543	-.14	-.04	.02	
13 a. QIstudent	1,206	5.79	5.61	5.61	5.60	.035	.013	.006	.003	1.22	1.33	1.36	1.33	1,553	1,285	1,224	.000	.000	.000	.13	.13	.14	
b. QIadvisor	1,173	5.32	5.16	5.37	5.29	.047	.017	.008	.004	1.62	1.71	1.72	1.74	1,485	1,239	1,189	.001	.318	.457	.10	-.03	.02	
c. QIfaculty	1,193	5.57	5.41	5.61	5.54	.039	.014	.006	.003	1.34	1.45	1.40	1.38	1,528	1,258	1,209	.000	.360	.391	.12	-.03	.02	
d. QIstaff	964	5.26	4.96	5.10	5.01	.052	.019	.009	.004	1.61	1.73	1.73	1.70	1,221	1,020	151,980	.000	.002	.000	.18	.09	.14	
e. QIadmin	1,077	5.16	4.99	5.14	5.02	.048	.017	.008	.004	1.56	1.68	1.70	1.70	1,361	1,138	1,092	.001	.763	.003	.10	.01	.08	
14 a. empstudy	1,197	3.07	3.13	3.09	3.11	.023	.008	.004	.002	.78	.78	.77	.77	11,773	49,026	185,928	.011	.394	.078	-.08	-.02	-.05	
b. SEacademic	1,202	3.02	2.91	2.96	2.93	.024	.008	.004	.002	.83	.87	.88	.86	1,519	1,270	1,218	.000	.010	.000	.13	.07	.11	
c. SElearnsup	1,196	2.91	2.83	2.89	2.86	.027	.009	.004	.002	.94	.96	.95	.94	1,493	48,857	185,372	.005	.490	.068	.08	.02	.05	
d. SEdiverse	1,195	2.85	2.73	2.64	2.63	.028	.010	.005	.002	.96	.99	1.01	1.00	1,501	1,261	1,211	.000	.000	.000	.12	.22	.23	
e. SEsocial	1,200	2.92	2.81	2.75	2.81	.025	.009	.004	.002	.87	.93	.96	.93	1,525	1,272	1,217	.000	.000	.000	.13	.18	.13	
f. SEwellness	1,192	3.00	2.81	2.70	2.72	.026	.009	.004	.002	.89	.96	.98	.97	1,522	1,265	1,210	.000	.000	.000	.20	.31	.30	



# NSSE 2020 Frequencies and Statistical Comparisons

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

### California State University-Long Beach

#### Seniors

Variable Name	N		Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	The Beach	The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020	The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020	The Beach	Far West Public	Carnegie Class	NSSE 2019 & 2020	Comparisons with:			Comparisons with:			Comparisons with:			
														Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	Far West Public	Carnegie Class	NSSE 2019 & 2020	
g. SEnonacad	1,193	2.31	2.18	2.16	2.11	.028	.010	.005	.002	.97	1.01	1.01	.99	11,670	48,558	184,431	.000	.000	.000	.13	.15	.21	
h. SEactivities	1,193	2.58	2.46	2.39	2.54	.028	.010	.005	.002	.95	.99	1.03	1.00	1,501	1,263	1,209	.000	.000	.110	.12	.19	.04	
i. SEevents	1,193	2.36	2.33	2.26	2.30	.028	.010	.005	.002	.96	.98	.99	.97	11,661	48,505	184,224	.334	.001	.042	.03	.10	.06	
15 a. SBmyself	1,195	3.37	3.28	3.34	3.32	.019	.008	.004	.002	.66	.71	.70	.72	9,578	30,446	1,225	.000	.173	.007	.13	.04	.07	
b. SBvalued	1,195	3.02	2.91	3.01	2.93	.021	.009	.005	.003	.74	.80	.82	.85	1,627	1,320	1,230	.000	.618	.000	.14	.01	.10	
c. SBcommunity	1,193	3.01	2.91	2.97	2.96	.022	.009	.005	.003	.75	.80	.82	.83	1,602	1,311	1,225	.000	.118	.035	.13	.04	.06	
16 a. tmprephrs	1,190	14.96	14.34	14.46	14.95	.253	.084	.039	.020	8.74	8.55	8.54	8.76	11,631	48,402	183,804	.017	.046	.960	.07	.06	.00	
b. tmcocurrhrs	1,187	4.04	4.36	4.26	4.97	.188	.067	.032	.017	6.47	6.83	6.96	7.18	1,504	1,256	1,205	.110	.247	.000	-.05	-.03	-.13	
c. tmworkonhrs	1,186	2.40	2.92	2.91	3.64	.171	.064	.031	.017	5.91	6.58	6.63	7.14	1,540	1,262	1,208	.005	.003	.000	-.08	-.08	-.17	
d. tmworkoffhrs	1,190	14.60	14.12	15.63	13.02	.349	.124	.063	.031	12.03	12.69	13.78	13.40	1,508	1,269	1,209	.194	.004	.000	.04	-.07	.12	
— tmworkhrs	1,183	16.99	17.01	18.53	16.65	.352	.129	.063	.032	12.12	13.14	13.74	13.48	1,517	1,259	1,201	.967	.000	.327	.00	-.11	.03	
e. tmservicehrs	1,190	3.39	3.76	3.38	3.27	.174	.063	.027	.013	6.02	6.40	5.95	5.71	1,515	48,307	1,204	.047	.946	.491	-.06	.00	.02	
f. tmrelaxhrs	1,191	11.92	10.81	10.29	10.93	.244	.082	.037	.019	8.41	8.39	8.14	8.22	11,613	48,318	183,489	.000	.000	.000	.13	.20	.12	
g. tmcarehrs	1,190	4.95	6.00	8.11	6.27	.268	.101	.057	.026	9.23	10.27	12.26	11.20	1,546	1,297	1,212	.000	.000	.000	-.10	-.26	-.12	
h. tmcommutehrs	1,190	6.93	7.38	5.20	5.00	.189	.071	.031	.015	6.52	7.25	6.78	6.42	1,544	48,335	1,204	.028	.000	.000	-.06	.26	.30	
17. reading	1,186	2.87	2.91	2.93	2.81	.034	.012	.005	.003	1.17	1.18	1.15	1.18	11,587	48,225	183,261	.203	.069	.066	-.04	-.05	.05	
— tmreadinghrs	1,179	7.35	7.17	7.33	7.06	.189	.063	.030	.015	6.50	6.43	6.43	6.31	11,549	48,035	182,538	.356	.909	.120	.03	.00	.05	
18 a. pgwrite	1,190	3.14	3.04	3.06	3.01	.024	.008	.004	.002	.83	.85	.87	.88	11,585	48,123	182,828	.000	.001	.000	.11	.10	.14	
b. pgspeak	1,187	3.08	3.00	2.94	2.93	.024	.009	.004	.002	.84	.88	.93	.93	11,569	1,260	1,205	.006	.000	.000	.08	.14	.16	
c. pgthink	1,190	3.35	3.29	3.29	3.31	.022	.008	.004	.002	.75	.78	.78	.78	11,576	48,145	182,893	.006	.007	.035	.08	.08	.06	
d. pganalyze	1,190	2.86	2.94	2.89	2.90	.028	.009	.004	.002	.97	.94	.96	.97	1,461	48,133	182,830	.003	.266	.091	-.09	-.03	-.05	
e. pgwork	1,191	2.85	2.87	2.97	2.95	.027	.009	.004	.002	.93	.96	.95	.96	11,573	48,137	182,847	.452	.000	.000	-.02	-.13	-.11	
f. pgothers	1,187	3.19	3.11	3.03	3.05	.023	.008	.004	.002	.81	.85	.90	.89	11,566	48,121	182,795	.004	.000	.000	.09	.18	.15	
g. pgvalues	1,187	2.96	2.91	2.88	2.86	.027	.009	.004	.002	.94	.95	.97	.98	11,557	1,252	1,203	.077	.007	.000	.05	.08	.10	
h. pgdiverse	1,189	3.10	3.01	2.90	2.88	.026	.009	.004	.002	.90	.93	.97	.97	11,555	1,259	1,206	.002	.000	.000	.10	.21	.23	
i. pgprobsolve	1,188	2.87	2.86	2.86	2.86	.027	.009	.004	.002	.92	.94	.95	.95	11,563	48,132	182,793	.721	.769	.765	.01	.01	.01	
j. pgcitizen	1,191	2.85	2.76	2.76	2.73	.027	.010	.005	.002	.94	.99	.99	.99	1,508	1,259	1,208	.001	.001	.000	.10	.09	.12	
19. evalexp	1,193	3.31	3.16	3.26	3.24	.020	.008	.004	.002	.71	.77	.77	.77	11,609	1,265	1,211	.000	.005	.001	.20	.08	.09	
20. sameinst	1,197	3.37	3.18	3.25	3.23	.021	.008	.004	.002	.74	.83	.84	.85	11,651	1,276	1,217	.000	.000	.000	.24	.15	.18	

### 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."