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# NSSE 2014

## Frequencies and Statistical Comparisons

California State University, San Bernardino

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**Please note:** The layout of this file is optimized for printing and PDF creation, not on-screen viewing. When the Excel version is viewed on screen, some cells appear to contain truncated text or misplaced line breaks. This is due to differences in Excel between on-screen display and what appears in print or PDF.

# NSSE 2014 Frequencies and Statistical Comparisons

## About This Report

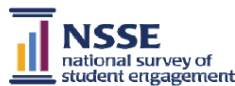
The *Frequencies and Statistical Comparisons* report presents item-by-item student responses and statistical comparisons that allow you to examine patterns of similarity and difference between your students and those at your comparison group institutions. The report uses information from all randomly 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 Web site ([nsse.iub.edu](http://nsse.iub.edu)) or contact a member of the NSSE team.

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

**Note:** Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit:

[nsse.iub.edu/html/weighting.cfm](http://nsse.iub.edu/html/weighting.cfm)

- 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 2014 Frequencies and Statistical Comparisons

### NSSEville State University

Seniors		Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>					
		NSSEville State				Public Master's L				NSSE 2013 & 2014				NSSEville State	
		Public Master's L				Large Public				NSSE 2013 & 2014				Public Master's L	
		Large Public				NSSE 2013 & 2014				NSSE 2013 & 2014				Large Public	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	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	68	6	8,616	14	8,407	13	43,329	13	2.9	2.6 *** .31	2.6 *** .28	2.6 *** .28
		2	Sometimes	307	28	20,467	33	20,064	32	103,303	32				
		3	Often	374	36	19,337	32	19,953	33	100,187	33				
		4	Very often	298	30	12,371	21	13,018	22	66,650	22				
			Total	1,043	100	60,791	100	61,442	100	113,469	100				
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	147	14	12,110	20	11,151	20	50,885	19	2.6	2.4 *** .20	2.4 *** .20	2.4 *** .18
		2	Sometimes	366	35	22,556	37	21,515	36	115,411	36				
		3	Often	294	28	16,007	27	16,432	27	84,466	27				
		4	Very often	234	23	9,888	17	10,058	17	52,057	17				
			Total	1,041	100	60,658	100	61,330	100	312,819	100				
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	110	10	11,688	19	11,280	18	56,993	18	2.7	2.4 *** .29	2.4 *** .27	2.4 *** .26
		2	Sometimes	367	35	23,158	38	23,396	38	118,394	38				
		3	Often	333	32	16,466	28	17,101	28	87,844	28				
		4	Very often	231	23	9,140	15	9,355	16	48,722	16				
			Total	1,041	100	60,452	100	61,132	100	311,953	100				

- 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.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your first-year students compared with					
														Community Engaged		Hispanic Serving		Pell	
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>	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	25	5	391	4	476	5	112	4	2.7	2.8 *	-11	2.7	.00	2.7	-03	
		2	Sometimes	206	42	4,135	37	3,971	40	1,253	40								
		3	Often	151	31	3,985	36	3,382	34	1,034	35								
		4	Very often	108	22	2,717	24	2,075	21	640	21								
		Total	490	100	11,228	100	9,904	100	3,039	100									
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	46	11	1,779	16	1,323	15	423	14	2.8	2.5 ***	.27	2.6 ***	.18	2.5 ***	.33	
		2	Sometimes	128	27	3,816	34	3,204	32	1,138	39								
		3	Often	174	36	3,354	30	3,019	30	944	31								
		4	Very often	136	27	2,233	19	2,309	22	521	16								
		Total	484	100	11,182	100	9,855	100	3,026	100									
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	28	5	545	5	599	6	167	6	3.0	3.0	-03	3.0	.01	3.0	.05	
		2	Often	60	12	1,335	13	1,308	13	427	15								
		3	Sometimes	283	59	6,379	57	5,381	54	1,750	57								
		4	Never	116	23	2,896	25	2,540	26	672	23								
		Total	487	100	11,155	100	9,828	100	3,016	100									
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	184	40	3,898	37	3,778	39	992	34	1.9	2.0	-08	1.9	-05	1.9	-04	
		2	Sometimes	196	39	4,469	39	3,691	37	1,365	46								
		3	Often	67	14	1,741	15	1,477	15	456	15								
		4	Very often	32	7	1,006	9	835	9	187	5								
		Total	479	100	11,114	100	9,781	100	3,000	100									
e. Asked another student to help you understand course material	CLaskhelp	1	Never	43	10	966	9	803	9	178	6	2.6	2.6	.00	2.6	-03	2.7 **	-15	
		2	Sometimes	200	42	4,530	42	3,945	41	1,155	38								
		3	Often	157	32	3,783	33	3,276	33	1,129	38								
		4	Very often	82	16	1,807	16	1,727	17	530	18								
		Total	482	100	11,086	100	9,751	100	2,992	100									
f. Explained course material to one or more students	CLexplain	1	Never	24	5	418	4	367	4	88	3	2.7	2.7	.01	2.7	-04	2.7	-05	
		2	Sometimes	184	40	4,261	39	3,630	38	1,108	37								
		3	Often	162	34	4,216	39	3,660	38	1,203	42								
		4	Very often	98	21	1,909	17	1,861	20	502	18								
		Total	468	100	10,804	100	9,518	100	2,901	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your first-year students compared with					
														Community Engaged		Hispanic Serving		Pell	
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>	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	78	17	1,610	16	1,351	14	306	11	2.5	2.5	.01	2.5	-.05	2.6	-.10	
		2	Sometimes	180	38	4,108	38	3,475	37	1,098	38								
		3	Often	119	25	3,232	30	2,847	30	962	33								
		4	Very often	98	20	1,855	17	1,859	19	536	18								
		Total	475	100	10,805	100	9,532	100	2,902	100									
h. Worked with other students on course projects or assignments	CLproject	1	Never	64	14	780	7	681	8	168	6	2.5	2.6 **	-.17	2.6 ***	-.22	2.7 ***	-.28	
		2	Sometimes	202	42	4,473	42	3,628	39	1,109	37								
		3	Often	130	27	3,730	35	3,329	34	1,072	37								
		4	Very often	77	16	1,770	16	1,833	19	534	19								
		Total	473	100	10,753	100	9,471	100	2,883	100									
i. Gave a course presentation	present	1	Never	81	18	1,895	18	1,907	22	600	20	2.3	2.3	.03	2.3 *	.10	2.3	.07	
		2	Sometimes	200	43	4,724	44	3,947	42	1,184	43								
		3	Often	125	26	2,876	27	2,419	25	755	27								
		4	Very often	63	13	1,208	11	1,138	12	334	11								
		Total	469	100	10,703	100	9,411	100	2,873	100									
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	54	12	625	6	672	8	157	6	2.6	2.7 **	-.15	2.7 *	-.12	2.7 *	-.11	
		2	Sometimes	171	37	3,872	37	3,381	36	1,115	39								
		3	Often	155	32	3,898	37	3,356	36	1,028	36								
		4	Very often	88	19	2,091	20	1,851	20	517	18								
		Total	468	100	10,486	100	9,260	100	2,817	100									
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	49	11	775	8	850	10	176	8	2.6	2.6	-.05	2.6	-.01	2.6	.02	
		2	Sometimes	168	38	3,935	38	3,405	37	1,131	42								
		3	Often	148	31	3,757	36	3,158	34	981	34								
		4	Very often	95	20	1,874	18	1,695	18	483	16								
		Total	460	100	10,341	100	9,108	100	2,771	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	60	14	949	10	974	11	259	11	2.5	2.6 *	-.11	2.6 *	-.10	2.5	.00	
		2	Sometimes	176	38	4,050	39	3,448	38	1,133	43								
		3	Often	148	33	3,506	34	3,027	33	936	32								
		4	Very often	74	15	1,851	18	1,671	18	443	14								
		Total	458	100	10,356	100	9,120	100	2,771	100									

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## California State University, San Bernardino

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Community Engaged		Hispanic Serving		Pell	
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. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	31	7	492	5	433	5	118	4	2.8	2.8	.01	2.8	-.04	2.8	.03	
		2	Sometimes	141	31	3,465	33	2,855	31	907	34								
		3	Often	182	39	4,316	42	3,787	41	1,225	43								
		4	Very often	106	23	2,048	20	2,005	22	517	18								
		Total	460	100	10,321	100	9,080	100	2,767	100									
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	18	4	392	4	364	4	78	3	2.9	2.9	.03	2.9	.00	2.9	.07	
		2	Sometimes	123	27	2,951	29	2,427	27	808	31								
		3	Often	187	41	4,386	42	3,769	41	1,189	43								
		4	Very often	126	27	2,539	25	2,497	27	673	23								
		Total	454	100	10,268	100	9,057	100	2,748	100									
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	17	4	304	3	281	3	62	2	2.9	2.9	-.01	2.9	-.04	2.9	-.01	
		2	Sometimes	137	31	3,148	31	2,690	31	805	31								
		3	Often	183	40	4,371	42	3,681	41	1,242	45								
		4	Very often	117	25	2,422	23	2,389	25	631	22								
		Total	454	100	10,245	100	9,041	100	2,740	100									
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	14	3	186	2	172	2	31	1	3.0	3.1	-.06	3.1	-.07	3.1	-.04	
		2	Sometimes	102	23	2,064	21	1,938	22	571	22								
		3	Often	184	41	4,643	45	3,876	42	1,286	47								
		4	Very often	151	32	3,292	32	3,039	34	848	30								
		Total	451	100	10,185	100	9,025	100	2,736	100									
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	115	27	2,383	24	2,303	26	790	28	2.2	2.2	.02	2.2	.03	2.1 *	.13	
		2	Sometimes	189	41	4,683	45	3,892	43	1,222	45								
		3	Often	82	17	2,132	20	1,787	20	501	19								
		4	Very often	65	14	1,035	10	1,045	11	232	8								
		Total	451	100	10,233	100	9,027	100	2,745	100									
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	279	62	5,702	56	5,031	56	1,547	56	1.6	1.7	-.05	1.7	-.07	1.7	-.05	
		2	Sometimes	90	21	2,834	28	2,338	26	739	28								
		3	Often	46	10	1,060	11	1,023	11	304	11								
		4	Very often	34	7	584	6	596	7	138	5								
		Total	449	100	10,180	100	8,988	100	2,728	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your first-year students compared with					
														Community Engaged		Hispanic Serving		Pell	
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>	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	202	45	3,495	34	3,460	38	890	32	1.8	2.0 **	-.15	1.9 *	-.11	2.0 **	-.17	
		2	Sometimes	150	33	4,346	43	3,425	38	1,215	45								
		3	Often	69	15	1,640	16	1,374	16	448	17								
		4	Very often	31	6	686	7	720	8	171	6								
		Total	452	100	10,167	100	8,979	100	2,724	100									
d. Discussed your academic performance with a faculty member	SFperform	1	Never	140	32	2,680	26	2,638	30	830	30	2.1	2.1	-.04	2.1	-.01	2.0	.04	
		2	Sometimes	179	41	4,725	47	3,847	43	1,214	45								
		3	Often	76	16	1,910	19	1,623	18	487	19								
		4	Very often	50	11	815	8	824	9	186	7								
		Total	445	100	10,130	100	8,932	100	2,717	100									
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	15	4	285	3	287	3	85	3	3.0	3.0	.05	3.0	.02	3.0	.10	
		2	Some	92	21	2,267	23	1,953	22	654	25								
		3	Quite a bit	189	42	4,522	44	3,844	43	1,210	45								
		4	Very much	153	33	3,099	30	2,916	32	784	27								
		Total	449	100	10,173	100	9,000	100	2,733	100									
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	21	5	360	4	370	4	73	3	2.9	2.9	-.07	3.0 *	-.10	3.0 *	-.13	
		2	Some	125	29	2,448	25	2,113	23	655	24								
		3	Quite a bit	178	39	4,581	45	3,850	43	1,244	45								
		4	Very much	123	27	2,748	27	2,623	29	746	28								
		Total	447	100	10,137	100	8,956	100	2,718	100									
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	21	5	385	4	337	4	98	4	3.0	3.0	.01	3.0	-.04	3.0	.03	
		2	Some	97	22	2,446	24	2,116	24	682	25								
		3	Quite a bit	191	42	4,357	43	3,547	40	1,164	43								
		4	Very much	138	30	2,900	28	2,925	33	763	28								
		Total	447	100	10,088	100	8,925	100	2,707	100									
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	22	5	384	4	350	4	130	5	3.0	2.9	.06	3.0	.00	2.9 **	.14	
		2	Some	96	22	2,529	26	2,072	24	730	28								
		3	Quite a bit	194	43	4,431	44	3,727	42	1,166	42								
		4	Very much	134	30	2,725	27	2,752	30	670	24								
		Total	446	100	10,069	100	8,901	100	2,696	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your first-year students compared with					
														Community Engaged		Hispanic Serving		Pell	
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>	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	22	5	475	5	434	5	147	6	2.9	2.9	.06	2.9	.00	2.8 *	.12	
		2	Some	115	26	2,661	27	2,119	24	726	28								
		3	Quite a bit	163	37	4,263	42	3,630	41	1,150	42								
		4	Very much	145	32	2,655	26	2,696	29	676	24								
		Total	445	100	10,054	100	8,879	100	2,699	100									
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	10	2	173	2	180	2	44	2	3.3	3.2 **	.13	3.2	.07	3.1 **	.17	
		2	Some	69	16	1,704	17	1,488	17	451	18								
		3	Quite a bit	165	37	4,606	45	3,609	40	1,263	47								
		4	Very much	207	45	3,660	36	3,708	41	964	34								
		Total	451	100	10,143	100	8,985	100	2,722	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	15	3	216	2	261	3	49	2	3.1	3.1	.00	3.1	-.05	3.1	.03	
		2	Some	88	19	1,884	19	1,645	18	488	18								
		3	Quite a bit	192	43	4,664	46	3,672	41	1,349	49								
		4	Very much	156	35	3,363	33	3,374	38	831	30								
		Total	451	100	10,127	100	8,952	100	2,717	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	20	5	290	3	306	3	61	3	3.1	3.1	.03	3.1	.00	3.1	.02	
		2	Some	90	20	1,926	19	1,724	20	502	19								
		3	Quite a bit	151	34	4,232	42	3,387	38	1,197	44								
		4	Very much	191	42	3,638	36	3,514	39	952	34								
		Total	452	100	10,086	100	8,931	100	2,712	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	19	5	698	7	674	8	192	8	3.0	2.9 ***	.17	2.9 **	.13	2.8 ***	.28	
		2	Some	112	25	2,797	28	2,328	27	834	31								
		3	Quite a bit	148	34	3,678	36	2,900	33	1,003	37								
		4	Very much	172	37	2,884	29	3,007	33	670	24								
		Total	451	100	10,057	100	8,909	100	2,699	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	43	9	853	9	838	10	220	9	2.8	2.8	.06	2.8	.02	2.7 **	.14	
		2	Some	114	25	3,003	30	2,524	29	868	33								
		3	Quite a bit	164	39	3,723	37	2,902	33	1,038	38								
		4	Very much	126	27	2,450	25	2,622	29	568	21								
		Total	447	100	10,029	100	8,886	100	2,694	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

## First-Year Students

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

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

				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB	Your first-year students compared with					
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB	Community Engaged		Hispanic Serving		Pell	
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>
6. During the current school year, about how often have you done the following?																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	98	23	1,510	14	1,258	13	348	12	2.4	2.5 *	-.13	2.6 ***	-.18	2.6 ***	-.20
		2	Sometimes	140	30	3,687	36	3,124	34	1,002	36							
		3	Often	142	31	3,287	34	2,928	33	893	34							
		4	Very often	72	16	1,626	17	1,651	19	474	19							
		Total	452	100	10,110	100	8,961	100	2,717	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	139	31	2,279	22	2,016	22	546	21	2.2	2.3	-.09	2.3 **	-.13	2.3 *	-.12
		2	Sometimes	154	34	4,199	41	3,451	38	1,147	41							
		3	Often	98	22	2,490	26	2,278	26	692	26							
		4	Very often	60	14	1,108	12	1,198	14	315	13							
		Total	451	100	10,076	100	8,943	100	2,700	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	138	31	2,335	22	2,099	23	552	19	2.2	2.2	-.09	2.3 **	-.13	2.3 **	-.15
		2	Sometimes	154	34	4,182	42	3,491	40	1,162	43							
		3	Often	102	23	2,503	26	2,179	25	693	26							
		4	Very often	51	12	1,012	11	1,109	13	282	11							
		Total	445	100	10,032	100	8,878	100	2,689	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages	wrshortnum  (Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	25	7	338	4	498	6	77	3	5.3	6.5 ***	-.24	5.6	-.06	6.6 ***	-.25
		1.5	1-2	116	29	1,848	20	1,870	23	498	21							
		4	3-5	136	33	3,015	33	2,758	34	811	32							
		8	6-10	77	20	2,322	26	1,904	23	621	25							
		13	11-15	20	6	871	9	592	7	232	10							
		18	16-20	8	2	406	4	214	3	97	4							
		23	More than 20	15	4	368	4	205	2	86	4							
		Total	397	100	9,168	100	8,041	100	2,422	100								
b. Between 6 and 10 pages	wrmednum  (Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	162	43	3,170	36	3,136	41	633	29	1.9	1.9	.01	1.8	.01	2.1	-.10
		1.5	1-2	134	34	3,807	42	2,905	37	1,105	46							
		4	3-5	59	15	1,344	15	1,117	14	445	18							
		8	6-10	20	5	396	5	410	5	140	6							
		13	11-15	7	2	76	1	99	1	31	1							
		18	16-20	2	1	20	0	26	0	7	0							
		23	More than 20	1	0	25	0	31	0	6	0							
Total	385	100	8,838	100	7,724	100	2,367	100										

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.



# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your first-year students compared with					
		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>
c. 11 pages or more	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	wrlongnum	0	None	293	78	6,909	80	5,978	80	1,656	72	.8	.7	.05	.8	-.01	.8	.00
			1.5	1-2	55	14	1,271	14	1,015	13	492	22							
			4	3-5	16	4	192	2	229	3	64	3							
			8	6-10	5	1	85	1	111	1	36	1							
			13	11-15	2	0	63	1	82	1	17	1							
			18	16-20	2	1	21	0	34	1	6	0							
			23	More than 20	3	1	37	0	52	1	9	0							
		Total					376	100	8,578	100	7,501	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.)										39.0	41.9	-.06	40.7	-.03	47.3 **	▽	
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	30	8	404	5	507	6	92	4	3.0	3.1	-.08	3.1 *	-.10	3.1	-.09	
		2	Sometimes	94	23	2,203	23	1,646	20	593	24								
		3	Often	112	27	2,799	30	2,366	28	772	31								
		4	Very often	174	42	3,920	42	3,704	45	1,023	42								
		Total	410	100	9,326	100	8,223	100	2,480	100									
b. People from an economic background other than your own	DDeconomic	1	Never	48	12	427	5	554	7	87	4	2.9	3.1 ***	-.23	3.0 **	-.18	3.1 ***	-.29	
		2	Sometimes	99	24	2,050	22	1,810	22	522	21								
		3	Often	118	29	3,169	34	2,610	32	871	35								
		4	Very often	144	35	3,661	40	3,236	39	991	41								
		Total	409	100	9,307	100	8,210	100	2,471	100									
c. People with religious beliefs other than your own	DDreligion	1	Never	48	12	521	6	673	8	112	4	2.8	3.0 ***	-.24	3.0 ***	-.18	3.1 ***	-.32	
		2	Sometimes	122	29	2,224	24	1,950	24	557	22								
		3	Often	94	24	2,839	30	2,394	29	799	32								
		4	Very often	142	34	3,683	39	3,159	39	1,005	42								
		Total	406	100	9,267	100	8,176	100	2,473	100									
d. People with political views other than your own	DDpolitical	1	Never	56	14	613	7	773	9	143	5	2.7	3.0 ***	-.27	2.9 ***	-.21	3.0 ***	-.34	
		2	Sometimes	119	29	2,342	25	2,023	25	629	23								
		3	Often	112	27	2,872	31	2,405	29	792	33								
		4	Very often	119	29	3,404	37	2,930	37	893	38								
		Total	406	100	9,231	100	8,131	100	2,457	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB	Your first-year students compared with					
													Community Engaged	Hispanic Serving		Pell		
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>
9. During the current school year, about how often have you done the following?																		
a. Identified key information from reading assignments	LSreading	1	Never	7	2	109	1	140	2	38	2	3.2	3.1	.02	3.1	.04	3.1	.06
		2	Sometimes	77	19	1,677	19	1,534	19	437	19							
		3	Often	169	41	4,072	45	3,550	44	1,115	46							
		4	Very often	152	38	3,404	36	2,934	35	887	33							
		Total	405	100	9,262	100	8,158	100	2,477	100								
b. Reviewed your notes after class	LSnotes	1	Never	12	3	414	5	393	5	115	5	3.0	2.9	.06	2.9	.05	2.9	.10
		2	Sometimes	130	31	2,674	30	2,316	29	740	31							
		3	Often	119	30	3,038	33	2,748	34	838	34							
		4	Very often	143	35	3,111	32	2,688	32	772	30							
		Total	404	100	9,237	100	8,145	100	2,465	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	52	13	611	7	633	8	203	9	2.7	2.8	-.09	2.8	-.06	2.7	.01
		2	Sometimes	115	28	2,796	31	2,526	32	785	32							
		3	Often	128	32	3,228	35	2,722	34	877	36							
		4	Very often	108	27	2,508	27	2,165	27	577	23							
		Total	403	100	9,143	100	8,046	100	2,442	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																		
challenge		1	Not at all	2	1	18	0	33	1	9	1	5.6	5.5	.08	5.5	.06	5.5	.09
		2		4	1	70	1	94	1	28	1							
		3		11	3	290	3	254	3	78	4							
		4		30	7	943	11	904	11	241	10							
		5		141	35	3,155	34	2,627	32	865	34							
		6		125	31	2,898	31	2,323	28	779	31							
		7	Very much	92	23	1,847	20	1,895	23	464	19							
		Total	405	100	9,221	100	8,130	100	2,464	100								
11. Which of the following have you done or do you plan to do before you graduate? <sup>f</sup>																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		61	16	1,112	13	975	12	301	12	6%	7%	-.05	8%	-.09	8%	-.08
		Do not plan to do		18	5	314	4	386	5	96	4							
		Plan to do		303	74	7,130	76	6,083	74	1,863	75							
		Done or in progress		23	6	671	7	675	8	199	8							
		Total		405	100	9,227	100	8,119	100	2,459	100							
(Means indicate the percentage who responded "Done or in progress.")																		

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>								
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your first-year students compared with						
		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. Hold a formal leadership role in a student organization or group	(Means indicate the percentage who responded "Done or in progress.")	leader		Have not decided	127	31	2,689	29	2,379	29	770	30	8%	11%	-.11	9%	-.05	12% *	▽	
				Do not plan to do	114	29	2,357	26	1,955	25	665	28								
				Plan to do	128	32	3,174	34	3,023	37	752	30								
				Done or in progress	33	8	978	11	727	9	264	12								
				Total	402	100	9,198	100	8,084	100	2,451	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	(Means indicate the percentage who responded "Done or in progress.")	learncom		Have not decided	148	37	2,971	33	2,505	31	798	32	9%	14% **	▽	-.17	15% ***	-.20	13% **	▽
				Do not plan to do	86	22	2,571	28	1,839	24	714	30								
				Plan to do	135	33	2,292	25	2,505	30	581	24								
				Done or in progress	36	9	1,328	14	1,202	15	352	13								
				Total	405	100	9,162	100	8,051	100	2,445	100								
d. Participate in a study abroad program	(Means indicate the percentage who responded "Done or in progress.")	abroad		Have not decided	118	29	2,717	30	2,372	30	712	30	4%	3%	.04	3%	.01	4%	.00	
				Do not plan to do	120	30	2,422	27	2,011	27	529	25								
				Plan to do	146	37	3,792	40	3,419	40	1,127	42								
				Done or in progress	15	4	248	3	259	3	74	4								
				Total	399	100	9,179	100	8,061	100	2,442	100								
e. Work with a faculty member on a research project	(Means indicate the percentage who responded "Done or in progress.")	research		Have not decided	159	41	3,613	40	3,004	37	978	40	5%	4%	.03	5%	-.01	4%	.05	
				Do not plan to do	86	22	2,400	26	1,729	22	506	20								
				Plan to do	132	33	2,737	31	2,856	36	854	36								
				Done or in progress	20	5	366	4	420	5	93	4								
				Total	397	100	9,116	100	8,009	100	2,431	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	(Means indicate the percentage who responded "Done or in progress.")	capstone		Have not decided	120	30	3,339	37	2,687	33	659	24	4%	3%	.07	4%	.02	3%	.07	
				Do not plan to do	29	8	895	10	750	10	147	6								
				Plan to do	238	58	4,663	50	4,308	53	1,574	67								
				Done or in progress	15	4	228	3	262	4	59	3								
				Total	402	100	9,125	100	8,007	100	2,439	100								
12. About how many of your courses at this institution have included a community-based project (service-learning)?																				
servcourse		1	None		203	50	4,312	47	3,602	47	1,147	48	1.6	1.6	-.07	1.6 *	-.12	1.6	-.07	
		2	Some		169	44	4,146	46	3,558	43	1,106	44								
		3	Most		23	6	571	6	664	8	157	7								
		4	All		2	0	66	1	129	2	31	1								
			Total		397	100	9,095	100	7,953	100	2,441	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB	Your first-year students compared with					
													Community Engaged	Hispanic Serving		Pell		
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>
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students	QIstudent	1	Poor	10	2	148	2	155	2	31	1	5.4	5.5	-.10	5.4	-.05	5.6 *	-0.13
		2		12	3	187	2	189	2	55	2							
		3		31	8	426	5	462	6	86	4							
		4		42	10	928	10	934	11	234	10							
		5		93	23	2,140	23	1,861	23	603	24							
		6		103	27	2,664	29	2,153	27	791	31							
		7	Excellent	115	27	2,652	29	2,301	28	648	27							
		—	Not applicable	1	0	48	1	46	1	8	0							
		Total		407	100	9,193	100	8,101	100	2,456	100							
b. Academic advisors	QIadvisor	1	Poor	43	11	440	5	411	5	107	4	4.6	5.0 **	-.19	4.9 **	-.17	5.1 ***	-.26
		2		28	6	567	6	491	6	109	5							
		3		35	9	829	9	787	10	182	7							
		4		60	14	1,314	15	1,163	14	304	12							
		5		56	14	1,745	19	1,499	19	463	20							
		6		72	18	1,857	20	1,595	20	529	23							
		7	Excellent	86	20	2,071	23	1,877	23	512	21							
		—	Not applicable	26	7	346	4	251	3	243	8							
		Total		406	100	9,169	100	8,074	100	2,449	100							
c. Faculty	QIfaculty	1	Poor	28	7	190	2	295	4	35	1	4.8	5.2 ***	-.26	5.0 *	-.14	5.3 ***	-.33
		2		39	9	304	4	411	5	67	3							
		3		34	8	647	7	696	8	167	7							
		4		61	15	1,321	15	1,227	15	322	13							
		5		63	17	2,323	25	1,813	23	620	26							
		6		83	22	2,513	27	1,936	25	757	32							
		7	Excellent	89	21	1,715	19	1,538	19	435	17							
		—	Not applicable	4	1	104	1	108	1	28	1							
		Total		401	100	9,117	100	8,024	100	2,431	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your first-year students compared with					
														Community Engaged		Hispanic Serving		Pell	
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	53	13	480	6	615	8	109	4	4.4	4.9 ***	-.26	4.7 **	-.17	5.0 ***	-.33	
		2		33	7	446	5	504	6	113	4								
		3		37	8	719	8	650	8	172	7								
		4		49	13	1,257	13	1,078	13	337	14								
		5		53	13	1,877	20	1,430	18	527	22								
		6		65	16	1,939	21	1,517	19	560	23								
		7	Excellent	74	18	1,546	17	1,461	18	421	17								
		—	Not applicable	42	11	879	10	784	11	195	9								
		Total	406	100	9,143	100	8,039	100	2,434	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	44	11	504	6	556	7	116	5	4.5	4.8 **	-.16	4.7	-.11	4.9 ***	-.25	
		2		42	11	547	6	591	7	120	5								
		3		32	8	835	9	784	10	165	7								
		4		54	13	1,355	15	1,235	15	337	14								
		5		73	18	1,885	20	1,544	19	528	22								
		6		72	17	1,864	20	1,432	18	535	21								
		7	Excellent	71	18	1,445	16	1,400	17	406	16								
		—	Not applicable	15	4	706	8	489	7	232	10								
		Total	403	100	9,141	100	8,031	100	2,439	100									
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	8	2	150	2	152	2	25	1	3.2	3.1 *	.12	3.2	.03	3.3	-.04	
		2	Some	48	13	1,393	17	1,074	15	331	14								
		3	Quite a bit	159	43	3,928	46	3,094	42	978	42								
		4	Very much	156	41	3,037	35	3,050	40	932	42								
			Total	371	100	8,508	100	7,370	100	2,266	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	20	6	284	4	287	4	59	3	3.1	3.1	-.03	3.1	-.08	3.1	-.08	
		2	Some	65	18	1,671	21	1,341	19	380	18								
		3	Quite a bit	150	40	3,355	40	2,751	38	954	44								
		4	Very much	137	36	3,130	36	2,938	39	853	35								
			Total	372	100	8,440	100	7,317	100	2,246	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	35	10	449	5	382	6	84	5	3.1	3.1	-.04	3.2	-.11	3.1	-.07	
		2	Some	57	16	1,439	18	1,136	16	377	16								
		3	Quite a bit	111	30	3,026	36	2,417	33	844	38								
		4	Very much	168	44	3,542	40	3,399	45	950	40								
			Total	371	100	8,456	100	7,334	100	2,255	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>					
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your first-year students compared with			
		Variable name <sup>c</sup>		Values <sup>d</sup>		Response options		Count		%		Mean		Mean		Effect size <sup>e</sup>	
Item wording or description				Count	%	Count	%	Count	%	Count	%	Mean		Mean		Mean	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	49	13	952	11	750	11	246	11	2.8		2.8	.03	2.8	-.05
		2	Some	100	27	2,449	29	1,885	26	664	31						
		3	Quite a bit	104	28	2,745	33	2,384	33	755	34						
		4	Very much	119	31	2,318	27	2,324	30	586	24						
		Total		372	100	8,464	100	7,343	100	2,251	100						
e. Providing opportunities to be involved socially	SEsocial	1	Very little	39	11	424	5	472	7	75	4	2.9		3.0 *	-.13	3.0	-.09
		2	Some	78	22	1,787	22	1,578	22	529	24						
		3	Quite a bit	120	32	3,168	37	2,616	36	891	41						
		4	Very much	130	35	3,076	35	2,660	35	756	32						
		Total		367	100	8,455	100	7,326	100	2,251	100						
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	31	9	433	5	479	7	88	4	3.1		3.0	.02	3.0	.05
		2	Some	65	18	1,690	21	1,514	21	400	19						
		3	Quite a bit	113	31	3,197	38	2,550	35	899	41						
		4	Very much	160	42	3,091	36	2,744	36	846	36						
		Total		369	100	8,411	100	7,287	100	2,233	100						
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	64	17	1,697	21	1,327	19	410	19	2.6		2.4 ***	.22	2.5 *	.13
		2	Some	105	29	2,948	35	2,297	32	795	36						
		3	Quite a bit	106	28	2,345	28	2,080	28	678	30						
		4	Very much	96	26	1,425	17	1,588	20	352	14						
		Total		371	100	8,415	100	7,292	100	2,235	100						
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	55	15	644	8	743	11	163	8	2.8		2.9 *	-.13	2.8	-.09
		2	Some	92	25	2,069	25	1,775	25	636	29						
		3	Quite a bit	105	29	3,059	36	2,448	34	878	41						
		4	Very much	116	31	2,614	30	2,322	31	546	23						
		Total		368	100	8,386	100	7,288	100	2,223	100						
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	77	21	1,187	15	1,186	17	363	17	2.5		2.6	-.05	2.6	-.04
		2	Some	103	28	2,710	33	2,237	32	762	35						
		3	Quite a bit	99	27	2,693	32	2,132	29	676	30						
		4	Very much	87	23	1,779	20	1,719	22	424	17						
		Total		366	100	8,369	100	7,274	100	2,225	100						

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>								
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your first-year students compared with						
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>
15. About how many hours do you spend in a typical 7-day week doing the following?																				
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)		tmpprephrs	0	0 hrs	1	0	33	1	35	0	5	0	11.7	13.3 ***	-0.21	12.9 **	-0.15	14.4 ***	-0.33	
		(Recoded version of tmpprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	100	28	1,275	16	1,427	19	329	14								
			8	6-10 hrs	107	28	2,206	26	1,983	26	569	24								
			13	11-15 hrs	58	15	1,926	23	1,516	21	479	21								
			18	16-20 hrs	46	13	1,399	17	1,072	15	384	18								
			23	21-25 hrs	32	8	824	10	670	9	247	12								
			28	26-30 hrs	13	3	400	5	326	4	128	6								
			33	More than 30 hrs	16	5	358	4	289	4	87	5								
				Total	373	100	8,421	100	7,318	100	2,228	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)		tmcocurrhrs	0	0 hrs	202	55	3,003	36	3,322	45	806	36	3.6	4.9 ***	-0.20	4.1	-0.08	4.6 **	-0.18	
		(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	98	25	2,953	34	2,195	30	810	36								
			8	6-10 hrs	30	8	1,192	14	860	12	323	15								
			13	11-15 hrs	15	4	579	7	408	6	137	7								
			18	16-20 hrs	12	3	344	4	272	4	72	4								
			23	21-25 hrs	7	2	158	2	96	1	31	2								
			28	26-30 hrs	1	0	67	1	61	1	11	0								
			33	More than 30 hrs	5	1	72	1	44	1	19	1								
				Total	370	100	8,368	100	7,258	100	2,209	100								
c. Working for pay on campus		tmworkonhrs	0	0 hrs	320	86	7,018	83	6,266	86	1,866	84	2.2	1.9	0.06	1.8	0.06	2.0	0.04	
		(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	2	257	3	187	3	59	3								
			8	6-10 hrs	6	2	489	6	220	3	106	5								
			13	11-15 hrs	13	4	328	4	244	3	103	4								
			18	16-20 hrs	15	5	192	2	269	4	63	3								
			23	21-25 hrs	4	1	54	1	56	1	11	1								
			28	26-30 hrs	1	0	26	0	19	0	8	1								
			33	More than 30 hrs	3	1	31	0	28	1	4	0								
				Total	369	100	8,395	100	7,289	100	2,220	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB	Your first-year students compared with					
													Community Engaged	Hispanic Serving		Pell		
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. Working for pay off campus	tmworkoffhrs	0	0 hrs	229	61	5,920	70	4,896	68	1,763	80	7.4	4.8 *** ▲	.29	5.2 *** ▲	.24	2.8 *** ▲	.61
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	3	406	5	364	5	96	4							
		8	6-10 hrs	24	6	432	5	403	5	90	4							
		13	11-15 hrs	14	4	444	5	412	6	101	5							
		18	16-20 hrs	29	8	477	6	458	6	66	3							
		23	21-25 hrs	27	8	301	4	336	5	56	3							
		28	26-30 hrs	12	3	172	2	196	3	27	1							
		33	More than 30 hrs	20	6	232	3	199	3	24	1							
			Total	368	100	8,384	100	7,264	100	2,223	100							
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											9.6	6.6 *** ▲	.29	7.0 *** ▲	.24	4.7 *** ▲	.51
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	197	55	4,885	59	4,112	57	1,389	63	2.8	2.2 * ▲	.13	2.6	.04	1.9 ** ▲	.23
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	111	30	2,610	31	2,103	29	628	29							
		8	6-10 hrs	36	9	446	5	552	8	104	5							
		13	11-15 hrs	9	2	197	2	209	3	41	2							
		18	16-20 hrs	6	2	98	1	125	2	19	1							
		23	21-25 hrs	5	1	37	1	55	1	10	0							
		28	26-30 hrs	1	0	24	0	21	0	7	0							
		33	More than 30 hrs	2	0	22	0	29	0	3	0							
			Total	367	100	8,319	100	7,206	100	2,201	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	17	4	114	2	163	2	27	1	10.3	13.4 *** ▼	-.35	11.5 ** ▼	-.14	13.5 *** ▼	-.36
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	120	31	1,583	19	1,988	27	395	18							
		8	6-10 hrs	94	26	2,103	25	1,993	27	567	26							
		13	11-15 hrs	57	16	1,776	21	1,247	17	451	20							
		18	16-20 hrs	39	11	1,195	14	815	12	309	14							
		23	21-25 hrs	19	5	645	8	461	6	183	8							
		28	26-30 hrs	9	2	313	4	201	3	94	5							
		33	More than 30 hrs	13	4	610	8	381	6	175	8							
			Total	368	100	8,339	100	7,249	100	2,201	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.



# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your first-year students compared with					
														Community Engaged		Hispanic Serving		Pell	
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>	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	200	57	6,379	75	4,558	63	1,817	82	4.7	2.4 *** ▲	.38	3.7 * ▲	.14	1.6 *** ▲	.56	
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	73	19	965	12	1,205	16	194	8								
		8	6-10 hrs	30	9	401	5	579	8	82	4								
		13	11-15 hrs	19	5	201	3	335	5	46	2								
		18	16-20 hrs	11	3	142	2	200	3	23	1								
		23	21-25 hrs	10	3	53	1	111	2	13	1								
		28	26-30 hrs	4	1	40	1	50	1	4	0								
		33	More than 30 hrs	15	4	150	2	177	3	14	1								
		Total		362	100	8,331	100	7,215	100	2,193	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	41	11	3,251	37	1,410	20	825	36	6.2	3.9 *** ▲	.42	5.4 * ▲	.12	3.6 *** ▲	.49	
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	186	52	3,390	41	3,435	47	994	46								
		8	6-10 hrs	80	22	1,052	13	1,418	19	234	11								
		13	11-15 hrs	33	9	358	5	495	7	70	4								
		18	16-20 hrs	12	3	145	2	235	3	41	2								
		23	21-25 hrs	4	1	46	1	124	2	14	1								
		28	26-30 hrs	1	0	37	0	47	1	15	1								
		33	More than 30 hrs	9	3	72	1	96	1	8	0								
		Total		366	100	8,351	100	7,260	100	2,201	100								
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																			
reading		1	Very little	32	8	552	9	509	10	167	10	2.9	2.9	-.02	2.9	.03	2.9	-.01	
(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)		2	Some	104	30	1,908	30	1,519	30	554	30								
	3	About half	115	32	2,042	31	1,593	30	613	28									
	4	Most	84	23	1,595	23	1,152	21	541	24									
	5	Almost all	27	7	543	8	448	8	193	8									
		Total		362	100	6,640	100	5,221	100	2,068	100								
tmreadinghrs												5.8	6.7 ** ▽	-.16	6.2	-.07	6.8 ** ▽	-.18	
(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little= .10; Some= .25; About half= .50; Most= .75; Almost all= .90)																			

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB	Your first-year students compared with					
												CSUSB	Community Engaged	Hispanic Serving		Pell		
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>
	tmreadinghrscol	1	0 hrs	1	0	22	0	23	0	5	0							
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	207	58	3,156	49	2,782	54	937	48							
		3	More than 5, up to 10 hrs	88	24	2,070	31	1,467	28	656	31							
		4	More than 10, up to 15 hrs	37	10	694	10	479	9	246	11							
		5	More than 15, up to 20 hrs	18	5	347	5	224	4	106	5							
		6	More than 20, up to 25 hrs	7	2	234	3	141	3	82	4							
		7	More than 25 hrs	4	1	83	1	74	1	21	1							
		Total	362	100	6,606	100	5,190	100	2,053	100								
17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																		
a. Writing clearly and effectively	pgwrite	1	Very little	16	5	579	7	471	7	168	8	3.1	2.9 *** ▲	.27	3.0 ** ▲	.17	2.8 *** ▲	.35
	2	Some	67	19	2,177	26	1,500	22	618	29								
	3	Quite a bit	141	37	3,409	41	2,953	40	859	39								
	4	Very much	143	39	2,222	26	2,351	31	556	24								
	Total	367	100	8,387	100	7,275	100	2,201	100									
b. Speaking clearly and effectively	pgspeak	1	Very little	12	3	784	9	646	10	253	11	3.1	2.8 *** ▲	.37	2.8 *** ▲	.30	2.7 *** ▲	.40
	2	Some	72	20	2,469	29	1,850	26	641	30								
	3	Quite a bit	154	41	3,185	38	2,738	37	780	37								
	4	Very much	130	35	1,936	23	2,023	26	521	23								
	Total	368	100	8,374	100	7,257	100	2,195	100									
c. Thinking critically and analytically	pgthink	1	Very little	8	2	281	4	249	4	55	3	3.2	3.1 *** ▲	.20	3.1 * ▲	.11	3.1 ** ▲	.17
	2	Some	57	17	1,696	20	1,260	18	425	21								
	3	Quite a bit	145	39	3,627	43	2,970	41	939	43								
	4	Very much	155	42	2,760	33	2,778	37	775	34								
	Total	365	100	8,364	100	7,257	100	2,194	100									
d. Analyzing numerical and statistical information	pganalyze	1	Very little	42	12	1,214	14	902	12	270	11	2.7	2.6 * ▲	.13	2.7	-.01	2.7	.01
	2	Some	117	32	2,827	34	2,115	29	678	31								
	3	Quite a bit	110	30	2,766	34	2,494	34	762	35								
	4	Very much	94	26	1,555	19	1,749	24	485	23								
	Total	363	100	8,362	100	7,260	100	2,195	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your first-year students compared with					
														Community Engaged		Hispanic Serving		Pell	
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>	
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	73	20	1,364	17	1,200	17	359	16	2.5	2.5	.02	2.5	-.01	2.6	-.04	
		2	Some	114	31	2,859	34	2,223	31	706	32								
		3	Quite a bit	89	23	2,580	31	2,304	32	688	32								
		4	Very much	92	25	1,557	18	1,529	20	436	21								
		Total	368	100	8,360	100	7,256	100	2,189	100									
f. Working effectively with others	pgothers	1	Very little	26	8	586	7	500	8	150	7	2.9	2.8	.09	2.9	.02	2.8	.08	
		2	Some	93	26	2,311	28	1,743	25	597	27								
		3	Quite a bit	127	34	3,295	39	2,770	38	883	41								
		4	Very much	119	32	2,149	25	2,227	29	564	25								
		Total	365	100	8,341	100	7,240	100	2,194	100									
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	45	14	1,078	13	862	13	269	14	2.7	2.7	.01	2.7	-.07	2.6	.06	
		2	Some	114	31	2,502	30	1,880	27	684	32								
		3	Quite a bit	115	31	2,909	35	2,533	34	769	34								
		4	Very much	91	25	1,872	22	1,974	26	469	20								
		Total	365	100	8,361	100	7,249	100	2,191	100									
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	39	10	886	11	662	10	236	13	2.9	2.7 *** Δ	.20	2.9	.07	2.7 *** Δ	.28	
		2	Some	73	21	2,405	29	1,747	25	637	30								
		3	Quite a bit	125	34	2,985	35	2,513	34	798	36								
		4	Very much	131	35	2,089	25	2,332	31	520	22								
		Total	368	100	8,365	100	7,254	100	2,191	100									
i. Solving complex real-world problems	pgprobsolve	1	Very little	55	15	1,104	13	936	14	267	12	2.7	2.6	.09	2.6	.03	2.6	.08	
		2	Some	108	29	2,870	35	2,206	31	734	34								
		3	Quite a bit	110	31	2,807	33	2,408	33	781	36								
		4	Very much	91	25	1,574	19	1,693	22	414	18								
		Total	364	100	8,355	100	7,243	100	2,196	100									
j. Being an informed and active citizen	pgcitizen	1	Very little	63	17	1,107	14	882	13	271	13	2.6	2.6	.01	2.7	-.07	2.6	.02	
		2	Some	109	29	2,734	33	2,143	30	710	34								
		3	Quite a bit	108	30	2,794	34	2,440	33	765	35								
		4	Very much	86	24	1,682	20	1,762	23	438	19								
		Total	366	100	8,317	100	7,227	100	2,184	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>									
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your first-year students compared with							
Item wording or description		Variable name <sup>c</sup>		Values <sup>d</sup>		Response options		Count		%		Mean		Mean		Effect size <sup>e</sup>		Mean		Effect size <sup>e</sup>	
18. How would you evaluate your entire educational experience at this institution?																					
		evalexp		1	Poor	10	3	132	2	93	1	20	1	3.2	3.2	.03	3.2	.03	3.3	-.09	
				2	Fair	39	10	979	12	932	13	224	11								
				3	Good	187	52	4,442	53	3,891	53	1,125	50								
				4	Excellent	133	35	2,861	33	2,386	33	836	38								
					Total	369	100	8,414	100	7,302	100	2,205	100								
19. If you could start over again, would you go to the same institution you are now attending?																					
		sameinst		1	Definitely no	12	3	309	4	256	4	66	3	3.1	3.2	-.09	3.1	-.03	3.3 ***	-0.21	
				2	Probably no	61	17	1,044	13	1,102	15	251	10								
				3	Probably yes	168	45	3,631	44	3,301	45	926	43								
				4	Definitely yes	130	35	3,421	39	2,653	36	965	44								
					Total	371	100	8,405	100	7,312	100	2,208	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB	Your seniors compared with					
						Community Engaged	Hispanic Serving	Pell	Community Engaged	Hispanic Serving	Pell		Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>			
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>
1. During the current school year, about how often have you done the following?																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	43	4	440	2	614	4	127	3	3.0	3.1 ** ▽	-.10	3.0	.04	3.1	-.06
		2	Sometimes	296	26	4,541	24	4,978	28	1,236	25							
		3	Often	314	31	6,074	32	5,605	32	1,475	31							
		4	Very often	409	39	8,341	42	6,585	37	2,047	41							
		Total	1,062	100	19,396	100	17,782	100	4,885	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	153	14	3,775	20	3,121	18	914	19	2.7	2.4 *** △	.21	2.5 *** △	.14	2.4 *** △	.22
		2	Sometimes	344	33	6,844	36	5,975	34	1,787	37							
		3	Often	286	27	4,941	26	4,848	27	1,204	24							
		4	Very often	273	26	3,729	19	3,765	21	954	19							
		Total	1,056	100	19,289	100	17,709	100	4,859	100								
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	79	7	1,142	6	1,120	6	318	7	2.9	3.0 ** ▽	-.09	2.9 * ▽	-.06	2.9	.01
		2	Often	164	15	2,609	14	2,544	15	779	17							
		3	Sometimes	602	58	11,002	57	10,008	56	2,832	58							
		4	Never	206	20	4,517	23	3,994	22	919	19							
		Total	1,051	100	19,270	100	17,666	100	4,848	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	451	43	8,510	45	8,102	46	1,957	41	1.8	1.8	.01	1.8	.03	1.8	-.03
		2	Sometimes	405	39	7,044	36	6,235	35	1,979	40							
		3	Often	126	12	2,210	11	1,989	11	565	12							
		4	Very often	66	6	1,450	7	1,263	7	344	7							
		Total	1,048	100	19,214	100	17,589	100	4,845	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	106	10	2,204	12	2,149	13	435	10	2.5	2.4	.05	2.4	.06	2.6 * ▽	-.08
		2	Sometimes	486	46	8,755	46	8,049	46	1,992	41							
		3	Often	295	28	5,466	28	4,827	27	1,574	32							
		4	Very often	160	15	2,782	14	2,576	15	824	17							
		Total	1,047	100	19,207	100	17,601	100	4,825	100								
f. Explained course material to one or more students	CLexplain	1	Never	18	2	709	4	720	4	114	3	2.9	2.8 *** △	.11	2.8 *** △	.12	2.9	-.03
		2	Sometimes	355	34	6,664	36	6,257	36	1,441	30							
		3	Often	403	40	7,260	38	6,436	37	2,014	42							
		4	Very often	249	24	4,144	22	3,807	22	1,176	25							
		Total	1,025	100	18,777	100	17,220	100	4,745	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### Seniors

Seniors				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
												Your seniors compared with							
												CSUSB		Community Engaged		Hispanic Serving		Pell	
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>	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	123	12	3,098	17	2,698	16	621	14	2.6	2.5 *** ▲	.12	2.5 * ▲	.07	2.6	-.02	
		2	Sometimes	399	38	6,976	38	6,280	36	1,634	35								
		3	Often	273	27	5,066	27	4,673	27	1,388	29								
		4	Very often	229	22	3,686	19	3,577	21	1,094	23								
		Total	1,024	100	18,826	100	17,228	100	4,737	100									
h. Worked with other students on course projects or assignments	CLproject	1	Never	47	5	881	5	896	5	136	3	2.9	2.9	-.01	2.9	-.05	3.1 *** ▼	-.21	
		2	Sometimes	332	32	5,487	30	4,718	28	1,114	24								
		3	Often	330	33	6,680	35	5,923	35	1,670	35								
		4	Very often	319	31	5,716	30	5,604	32	1,804	37								
		Total	1,028	100	18,764	100	17,141	100	4,724	100									
i. Gave a course presentation	present	1	Never	80	8	1,729	10	1,973	12	310	7	2.8	2.7	.01	2.7	.05	2.8 * ▼	-.09	
		2	Sometimes	358	36	5,819	32	5,295	32	1,400	31								
		3	Often	290	28	6,151	33	5,237	30	1,560	33								
		4	Very often	291	28	4,972	26	4,606	26	1,431	29								
		Total	1,019	100	18,671	100	17,111	100	4,701	100									
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	30	3	522	3	535	3	84	2	3.1	3.0	.02	3.0	.04	3.1	-.05	
		2	Sometimes	236	23	4,344	24	4,079	25	1,003	22								
		3	Often	401	40	7,148	39	6,628	39	1,841	40								
		4	Very often	345	34	6,419	34	5,645	33	1,705	36								
		Total	1,012	100	18,433	100	16,887	100	4,633	100									
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	60	6	933	5	1,056	7	243	6	2.9	2.9	.01	2.8	.04	2.9	.03	
		2	Sometimes	284	28	5,210	29	4,784	29	1,370	31								
		3	Often	348	35	6,699	37	6,061	36	1,611	35								
		4	Very often	303	30	5,372	28	4,787	28	1,369	28								
		Total	995	100	18,214	100	16,688	100	4,593	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	86	9	1,765	10	2,074	13	526	12	2.7	2.7	.06	2.6 *** ▲	.14	2.6 *** ▲	.14	
		2	Sometimes	323	33	6,119	34	5,732	35	1,604	36								
		3	Often	336	34	5,791	31	4,981	29	1,362	29								
		4	Very often	248	25	4,554	24	3,910	23	1,090	22								
		Total	993	100	18,229	100	16,697	100	4,582	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your seniors compared with					
						Community Engaged		Hispanic Serving		Pell				Community Engaged		Hispanic Serving		Pell	
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. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	41	4	841	5	806	5	224	5	2.9	2.9	.01	2.8	.03	2.8	.03	
		2	Sometimes	305	30	5,423	30	4,964	30	1,372	30								
		3	Often	394	40	7,257	40	6,662	40	1,808	39								
		4	Very often	254	26	4,701	25	4,222	25	1,178	25								
		Total	994	100	18,222	100	16,654	100	4,582	100									
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	32	3	622	4	578	4	162	4	3.0	3.0	.05	3.0	.06	3.0	.06	
		2	Sometimes	235	24	4,618	26	4,264	26	1,147	26								
		3	Often	423	43	7,546	42	6,840	41	1,887	41								
		4	Very often	301	30	5,374	29	4,956	29	1,378	29								
		Total	991	100	18,160	100	16,638	100	4,574	100									
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	23	3	383	2	365	2	101	3	3.0	3.0	.05	3.0	.04	2.9 *	.07	
		2	Sometimes	260	26	4,896	28	4,414	27	1,250	29								
		3	Often	389	39	7,488	41	6,828	41	1,846	40								
		4	Very often	318	32	5,347	29	4,958	29	1,362	28								
		Total	990	100	18,114	100	16,565	100	4,559	100									
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	12	1	205	1	191	1	41	1	3.3	3.2	.01	3.2	.02	3.3	-.01	
		2	Sometimes	125	13	2,582	15	2,514	16	624	14								
		3	Often	436	44	7,387	41	6,644	40	1,832	42								
		4	Very often	410	41	7,839	42	7,150	42	2,032	43								
		Total	983	100	18,013	100	16,499	100	4,529	100									
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	195	20	3,226	19	3,585	22	737	16	2.4	2.4	-.01	2.3 *	.08	2.4	-.04	
		2	Sometimes	390	40	7,155	40	6,604	40	1,919	42								
		3	Often	227	23	4,450	24	3,795	22	1,101	24								
		4	Very often	177	17	3,225	17	2,564	15	788	17								
		Total	989	100	18,056	100	16,548	100	4,545	100									
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	503	52	8,267	47	8,322	51	1,930	42	1.9	1.9	-.03	1.8	.03	2.0 **	-.10	
		2	Sometimes	234	24	5,160	28	4,244	26	1,418	31								
		3	Often	122	12	2,532	14	2,164	13	641	14								
		4	Very often	125	12	2,013	11	1,761	11	539	12								
		Total	984	100	17,972	100	16,491	100	4,528	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>																			
				CSUSB				Community Engaged				Hispanic Serving				Pell				CSUSB				Your seniors compared with							
								Community Engaged				Hispanic Serving				Pell															
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>													
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	305	31	4,553	26	5,106	31	925	20	2.1	2.2 ** ▽	-.09	2.1	.01	2.3 *** ▽	-.18													
		2	Sometimes	385	39	7,422	42	6,436	39	2,032	45																				
		3	Often	187	20	3,768	21	3,077	19	994	23																				
		4	Very often	109	11	2,228	12	1,838	11	573	13																				
		Total	986	100	17,971	100	16,457	100	4,524	100																					
d. Discussed your academic performance with a faculty member	SFperform	1	Never	273	28	4,065	23	4,141	26	1,049	23	2.1	2.2	-.06	2.2	-.02	2.2	-.04													
		2	Sometimes	399	41	7,943	44	7,082	43	2,071	45																				
		3	Often	187	19	3,789	21	3,337	20	907	21																				
		4	Very often	119	12	2,127	11	1,838	11	487	11																				
		Total	978	100	17,924	100	16,398	100	4,514	100																					
4. During the current school year, how much has your coursework emphasized the following?																															
a. Memorizing course material	memorize	1	Very little	34	4	1,423	8	1,142	7	396	9	3.0	2.8 *** △	.24	2.8 *** △	.17	2.7 *** △	.29													
		2	Some	235	24	5,503	31	4,587	28	1,420	31																				
		3	Quite a bit	408	42	6,735	38	6,330	39	1,699	38																				
		4	Very much	309	31	4,333	24	4,429	26	1,018	22																				
		Total	986	100	17,994	100	16,488	100	4,533	100																					
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	36	4	481	3	492	3	135	3	3.1	3.1	.01	3.1	.00	3.1	.01													
		2	Some	156	16	3,125	18	2,871	18	770	17																				
		3	Quite a bit	410	42	7,464	42	6,589	40	1,887	42																				
		4	Very much	373	38	6,828	37	6,462	39	1,730	38																				
		Total	975	100	17,898	100	16,414	100	4,522	100																					
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	35	4	637	4	566	4	152	4	3.1	3.1	.04	3.1	.00	3.1	.04													
		2	Some	188	19	3,334	19	2,966	18	853	19																				
		3	Quite a bit	364	37	7,190	41	6,334	39	1,791	41																				
		4	Very much	395	40	6,717	37	6,517	39	1,705	36																				
		Total	982	100	17,878	100	16,383	100	4,501	100																					
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	38	4	834	5	810	5	277	7	3.1	3.0 * △	.08	3.0 * △	.07	2.9 *** △	.20													
		2	Some	207	22	4,007	23	3,591	22	1,150	26																				
		3	Quite a bit	379	39	7,229	41	6,348	39	1,761	39																				
		4	Very much	353	35	5,806	32	5,611	33	1,318	28																				
		Total	977	100	17,876	100	16,360	100	4,506	100																					

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.



# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### Seniors

Seniors				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>								
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your seniors compared with						
Item wording or description		Variable name <sup>c</sup>		Values <sup>d</sup>	Response options		Count	%	Count	%	Count	%	Count	%	Effect size <sup>e</sup>		Effect size <sup>e</sup>		Effect size <sup>e</sup>	
															Mean	Mean	Mean	Mean	Mean	Mean
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	42	4	798	5	761	5	225	5	3.0	3.0	.06	3.0	.03	2.9 ***	.12		
		2	Some	208	22	4,024	23	3,508	22	1,058	25									
		3	Quite a bit	381	40	7,293	41	6,385	39	1,844	41									
		4	Very much	341	34	5,697	31	5,659	34	1,360	29									
		Total	972	100	17,812	100	16,313	100	4,487	100										
5. During the current school year, to what extent have your instructors done the following?																				
a. Clearly explained course goals and requirements	ETgoals	1	Very little	15	1	310	2	326	2	81	2	3.3	3.2 ***	.16	3.2 ***	.16	3.2 ***	.17		
		2	Some	112	12	2,654	15	2,536	16	648	15									
		3	Quite a bit	390	39	7,759	43	6,686	41	2,038	45									
		4	Very much	466	48	7,269	40	6,951	41	1,756	39									
		Total	983	100	17,992	100	16,499	100	4,523	100										
b. Taught course sessions in an organized way	ETorganize	1	Very little	21	2	392	2	408	3	88	2	3.2	3.1 *	.07	3.1 *	.07	3.1 *	.08		
		2	Some	155	16	3,003	17	2,887	18	731	16									
		3	Quite a bit	422	42	8,026	45	6,896	42	2,113	47									
		4	Very much	386	40	6,503	36	6,254	37	1,577	35									
		Total	984	100	17,924	100	16,445	100	4,509	100										
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	28	3	506	3	512	3	101	2	3.2	3.2	.05	3.2	.06	3.2	.02		
		2	Some	157	16	2,943	17	2,830	18	682	16									
		3	Quite a bit	364	37	7,069	40	6,140	38	1,846	41									
		4	Very much	429	44	7,395	41	6,936	41	1,870	41									
		Total	978	100	17,913	100	16,418	100	4,499	100										
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	90	10	1,647	9	1,791	11	470	11	2.9	2.8	.05	2.8 *	.08	2.7 ***	.14		
		2	Some	263	26	4,888	28	4,509	28	1,319	30									
		3	Quite a bit	308	32	6,051	34	5,150	31	1,528	34									
		4	Very much	317	32	5,322	29	4,932	29	1,183	25									
		Total	978	100	17,908	100	16,382	100	4,500	100										
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	83	8	1,167	7	1,282	8	343	8	2.9	2.9	.01	2.9	.03	2.8 **	.11		
		2	Some	253	26	4,654	27	4,364	27	1,291	29									
		3	Quite a bit	331	35	6,814	38	5,786	36	1,746	39									
		4	Very much	305	31	5,192	29	4,893	29	1,098	24									
		Total	972	100	17,827	100	16,325	100	4,478	100										

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your seniors compared with					
						Community Engaged	Hispanic Serving	Pell	Community Engaged	Hispanic Serving	Pell								
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>	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	117	11	2,590	14	2,195	13	524	11	2.6	2.6	.05	2.7	-.03	2.7 *	-0.09	
		2	Sometimes	340	34	6,118	33	5,234	31	1,474	32								
		3	Often	336	35	5,651	32	5,402	33	1,413	32								
		4	Very often	189	20	3,597	20	3,640	23	1,101	25								
		Total	982	100	17,956	100	16,471	100	4,512	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	200	20	3,615	20	3,252	20	815	18	2.4	2.4	.00	2.4	-.03	2.5 *	-0.07	
		2	Sometimes	363	37	6,598	36	5,865	35	1,643	36								
		3	Often	255	26	4,771	27	4,451	27	1,183	27								
		4	Very often	162	17	2,931	16	2,856	18	862	19								
		Total	980	100	17,915	100	16,424	100	4,503	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	167	17	3,435	19	3,158	19	720	16	2.4	2.4	.04	2.4	.02	2.5 *	-0.09	
		2	Sometimes	390	39	6,804	38	6,075	37	1,603	36								
		3	Often	261	27	4,842	27	4,510	28	1,317	30								
		4	Very often	159	17	2,775	16	2,632	16	851	19								
		Total	977	100	17,856	100	16,375	100	4,491	100									
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum  (Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	33	4	809	5	1,072	8	172	5	7.3	7.5	-.04	6.7 **	.10	8.2 ***	-0.14	
		1.5	1-2	192	22	2,997	19	3,221	22	686	17								
		4	3-5	243	27	4,717	29	4,313	29	1,072	27								
		8	6-10	217	26	3,601	22	2,979	20	927	23								
		13	11-15	71	8	1,700	11	1,328	9	479	12								
		18	16-20	38	4	1,002	6	734	5	300	7								
		23	More than 20	77	9	1,375	8	1,019	7	419	10								
		Total	871	100	16,201	100	14,666	100	4,055	100									
b. Between 6 and 10 pages	wrmednum  (Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	139	17	3,198	20	3,393	25	739	20	3.7	3.4 *	.09	3.3 *	.08	3.5	.05	
		1.5	1-2	329	37	5,881	37	5,011	35	1,416	36								
		4	3-5	254	29	4,253	27	3,511	24	1,111	27								
		8	6-10	107	12	1,765	11	1,587	11	476	11								
		13	11-15	30	3	480	3	553	4	167	4								
		18	16-20	11	1	199	1	197	1	57	1								
		23	More than 20	16	2	154	1	198	1	39	1								
		Total	886	100	15,930	100	14,450	100	4,005	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### Seniors

			Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>					
			CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB	Your seniors compared with				
												Community Engaged	Hispanic Serving	Pell		
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>
c. 11 pages or more	wrlongnum	0	None	347	40	6,672	43	6,548	47	1,484	39	<b>2.1</b>	1.9	.06	2.0	.04
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	306	36	6,029	38	4,848	34	1,604	40					
		4	3-5	145	17	1,837	12	1,555	11	545	13					
		8	6-10	37	4	547	4	561	4	156	4					
		13	11-15	10	1	234	2	296	2	72	2					
		18	16-20	9	1	109	1	125	1	26	1					
		23	More than 20	11	1	156	1	195	1	39	1					
			Total	865	100	15,584	100	14,128	100	3,926	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>78.3</b>	75.0	.04	72.8	.06
															80.1	-.02
<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	23	3	776	5	768	5	172	4	<b>3.4</b>	3.1 ***	.25	3.3 ***	.13
		2	Sometimes	125	13	3,803	22	2,509	16	1,106	26					
		3	Often	263	28	4,643	28	3,996	26	1,199	29					
		4	Very often	517	56	7,628	46	8,125	53	1,731	41					
			Total	928	100	16,850	100	15,398	100	4,208	100					
b. People from an economic background other than your own	DDeconomic	1	Never	33	3	667	4	804	5	158	4	<b>3.3</b>	3.1 ***	.16	3.2 **	.10
		2	Sometimes	169	18	3,549	21	2,866	19	934	22					
		3	Often	256	28	5,561	33	4,527	30	1,450	35					
		4	Very often	469	51	7,013	42	7,145	46	1,653	39					
			Total	927	100	16,790	100	15,342	100	4,195	100					
c. People with religious beliefs other than your own	DDreligion	1	Never	46	5	915	6	1,013	7	210	5	<b>3.2</b>	3.1 ***	.11	3.1	.07
		2	Sometimes	199	21	3,890	23	3,175	21	975	24					
		3	Often	234	25	4,995	30	4,221	28	1,267	30					
		4	Very often	448	48	6,958	41	6,888	45	1,730	41					
			Total	927	100	16,758	100	15,297	100	4,182	100					
d. People with political views other than your own	DDpolitical	1	Never	64	7	948	6	1,044	7	204	5	<b>3.1</b>	3.0	.06	3.1	.03
		2	Sometimes	203	22	3,948	24	3,376	22	1,078	25					
		3	Often	248	27	5,175	31	4,277	28	1,302	31					
		4	Very often	407	44	6,614	39	6,532	43	1,582	38					
			Total	922	100	16,685	100	15,229	100	4,166	100					

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### Seniors

Seniors				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>									
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your seniors compared with							
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>	
9. During the current school year, about how often have you done the following?																					
a. Identified key information from reading assignments	LSreading	1	Never	17	2	321	2	258	2	93	3	3.3	3.3 *	.07	3.3	.05	3.2 **	.12			
		2	Sometimes	126	13	2,470	15	2,164	15	663	17										
		3	Often	341	37	6,343	38	5,811	39	1,552	37										
		4	Very often	445	48	7,659	45	7,060	45	1,882	43										
		Total	929	100	16,793	100	15,293	100	4,190	100											
b. Reviewed your notes after class	LSnotes	1	Never	46	5	1,043	6	833	6	293	7	3.0	2.9	.07	3.0	-.01	2.8 ***	.15			
		2	Sometimes	275	30	4,972	30	4,093	27	1,370	33										
		3	Often	271	30	5,101	31	4,759	32	1,243	30										
		4	Very often	330	36	5,632	33	5,555	36	1,260	30										
		Total	922	100	16,748	100	15,240	100	4,166	100											
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	74	8	1,126	7	975	7	333	9	2.9	2.9	.00	2.9	-.05	2.8 *	.09			
		2	Sometimes	257	28	4,669	29	4,039	27	1,265	31										
		3	Often	299	33	5,640	34	5,026	34	1,342	33										
		4	Very often	287	31	5,144	30	5,052	33	1,187	28										
		Total	917	100	16,579	100	15,092	100	4,127	100											
10. During the current school year, to what extent have your courses challenged you to do your best work?																					
challenge		1	Not at all	4	1	85	1	86	1	31	1	5.7	5.7	.03	5.7	-.02	5.5 ***	.14			
		2		13	2	165	1	193	1	47	1										
		3		27	3	430	3	396	3	130	4										
		4		79	9	1,359	8	1,172	8	364	9										
		5		230	25	4,495	27	3,690	24	1,237	30										
		6		274	29	5,554	33	4,731	31	1,382	32										
		7	Very much	299	32	4,623	27	4,958	32	980	23										
		Total	926	100	16,711	100	15,226	100	4,171	100											
11. Which of the following have you done or do you plan to do before you graduate? <sup>f</sup>																					
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		94	10	1,207	8	1,348	9	265	7	38%	49% ***	-.22	41%	-.06	54% ***	-.32			
		Do not plan to do		183	21	2,740	17	2,653	18	687	17										
		Plan to do		280	31	4,308	26	4,861	32	920	22										
		Done or in progress		368	38	8,461	49	6,391	41	2,284	54										
		Total		925	100	16,716	100	15,253	100	4,156	100										

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### Seniors

			Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
			CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB	Your seniors compared with						
												Community Engaged		Hispanic Serving		Pell		
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. Hold a formal leadership role in a student organization or group	leader		Have not decided	132	14	1,763	11	2,035	13	336	8	24%	31% *** ▽	-.17	27% * ▽	-.07	36% *** ▽	-.26
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	467	51	8,294	50	7,441	49	2,114	50								
	Plan to do	99	11	1,217	8	1,584	10	236	6									
	Done or in progress	223	24	5,402	31	4,141	27	1,463	36									
	Total	921	100	16,676	100	15,201	100	4,149	100									
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom		Have not decided	131	14	2,139	13	2,288	15	404	10	21%	23%	-.05	21%	-.02	24% * ▽	-.09
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	465	52	9,063	55	7,729	52	2,410	59								
	Plan to do	122	14	1,426	9	1,801	12	248	6									
	Done or in progress	196	21	4,014	23	3,363	21	1,071	24									
	Total	914	100	16,642	100	15,181	100	4,133	100									
d. Participate in a study abroad program	abroad		Have not decided	166	18	2,108	13	2,469	16	401	10	5%	10% *** ▽	-.20	7% * ▽	-.08	11% *** ▽	-.22
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	624	69	11,598	69	9,979	66	2,996	73								
	Plan to do	79	9	1,157	7	1,658	11	263	6									
	Done or in progress	46	5	1,753	10	1,046	7	471	11									
	Total	915	100	16,616	100	15,152	100	4,131	100									
e. Work with a faculty member on a research project	research		Have not decided	198	21	2,647	17	2,925	19	509	13	16%	20% ** ▽	-.12	18%	-.07	28% *** ▽	-.30
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	436	47	8,351	50	6,806	45	1,909	45								
	Plan to do	134	16	2,127	13	2,569	17	525	13									
	Done or in progress	142	16	3,399	20	2,784	18	1,172	28									
	Total	910	100	16,524	100	15,084	100	4,115	100									
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	111	12	1,806	11	1,976	13	239	6	47%	42% ** △	.11	36% *** △	.22	59% *** ▽	-.23
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	188	21	4,018	24	3,254	22	666	14								
	Plan to do	180	20	3,619	22	4,290	29	828	21									
	Done or in progress	436	47	7,133	42	5,623	36	2,396	59									
	Total	915	100	16,576	100	15,143	100	4,129	100									
12. About how many of your courses at this institution have included a community-based project (service-learning)?																		
	servcourse	1	None	347	39	5,695	36	5,783	40	1,376	36	1.7	1.8	-.06	1.7	-.03	1.8	-.05
		2	Some	476	51	8,872	53	7,314	48	2,288	54							
		3	Most	84	9	1,776	10	1,735	11	425	10							
		4	All	11	1	270	2	292	2	46	1							
		Total	918	100	16,613	100	15,124	100	4,135	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Community Engaged		Hispanic Serving		Pell	
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>	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	11	1	147	1	196	1	39	1	5.9	5.7 *** ▲	.12	5.7 ** ▲	.11	5.7 *** ▲	.15	
		2		12	1	256	2	253	2	55	1								
		3		35	4	617	4	616	4	164	4								
		4		63	6	1,388	9	1,273	8	335	8								
		5		177	19	3,672	22	3,036	20	940	23								
		6		249	28	5,159	31	4,483	30	1,350	32								
		7	Excellent	367	40	5,359	32	5,251	34	1,260	30								
		—	Not applicable	4	0	117	1	123	1	18	0								
			Total	918	100	16,715	100	15,231	100	4,161	100								
b. Academic advisors	QIadvisor	1	Poor	60	6	930	6	836	6	221	6	5.1	5.1	.01	5.1	.00	5.0	.03	
		2		48	5	1,017	6	837	5	243	6								
		3		75	8	1,322	8	1,191	8	350	8								
		4		109	12	2,068	13	1,914	13	525	13								
		5		141	15	3,004	18	2,841	19	799	19								
		6		158	17	3,396	20	3,112	20	851	20								
		7	Excellent	270	30	4,632	27	4,213	28	1,033	26								
		—	Not applicable	58	6	306	2	260	2	129	3								
			Total	919	100	16,675	100	15,204	100	4,151	100								
c. Faculty	QIfaculty	1	Poor	22	2	214	1	304	2	49	1	5.6	5.5	.04	5.5 ** ▲	.09	5.6	.00	
		2		20	2	332	2	400	3	68	2								
		3		47	5	707	4	813	5	169	4								
		4		108	12	1,722	11	1,682	11	405	10								
		5		154	16	3,678	22	3,215	21	919	22								
		6		251	27	5,197	31	4,264	28	1,372	33								
		7	Excellent	309	35	4,591	28	4,331	28	1,119	27								
		—	Not applicable	6	1	123	1	118	1	20	1								
			Total	917	100	16,564	100	15,127	100	4,121	100								

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# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### Seniors

Seniors				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your seniors compared with					
														Community Engaged		Hispanic Serving		Pell	
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	65	7	833	5	939	6	156	4	4.8	4.8	.02	4.8	.02	4.9	-.01	
		2		56	6	822	5	808	5	209	5								
		3		56	6	1,203	7	1,047	7	304	7								
		4		93	10	2,093	12	1,760	12	548	13								
		5		124	13	2,926	17	2,484	16	794	19								
		6		167	18	2,957	18	2,620	17	762	18								
		7	Excellent	182	20	2,534	15	2,571	17	628	15								
		—	Not applicable	169	19	3,246	20	2,916	20	741	18								
	Total	912	100	16,614	100	15,145	100	4,142	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	55	6	871	5	983	7	186	5	4.9	4.8	.06	4.8 *	.07	4.9	.04	
		2		49	5	1,011	6	933	6	233	6								
		3		77	9	1,390	8	1,295	8	332	8								
		4		137	15	2,556	15	2,226	15	624	15								
		5		173	19	3,559	21	2,997	20	980	23								
		6		175	19	3,533	21	3,106	20	889	21								
		7	Excellent	210	23	2,908	18	2,858	19	670	16								
		—	Not applicable	36	4	816	5	749	5	225	6								
	Total	912	100	16,644	100	15,147	100	4,139	100										
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	19	2	321	2	323	2	76	2	3.3	3.1 ***	.17	3.2 *	.09	3.2 **	.11	
		2	Some	121	14	2,711	17	2,137	15	598	16								
		3	Quite a bit	321	39	7,060	45	5,972	42	1,705	44								
		4	Very much	395	45	5,721	36	5,871	40	1,531	39								
		Total	856	100	15,813	100	14,303	100	3,910	100									
b. Providing support to help students succeed academically	SEacademic	1	Very little	47	5	749	5	821	6	165	5	3.0	2.9	.02	3.0	.02	2.9	.03	
		2	Some	190	23	3,621	24	3,333	24	927	24								
		3	Quite a bit	348	41	6,642	42	5,502	39	1,699	44								
		4	Very much	266	30	4,678	29	4,524	31	1,090	28								
		Total	851	100	15,690	100	14,180	100	3,881	100									
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	66	8	1,399	9	1,327	10	309	8	2.9	2.8 **	.11	2.9	.06	2.9 *	.10	
		2	Some	183	22	3,901	26	3,373	24	993	26								
		3	Quite a bit	326	39	5,835	37	4,917	35	1,514	39								
		4	Very much	280	31	4,592	28	4,609	32	1,065	27								
		Total	855	100	15,727	100	14,226	100	3,881	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your seniors compared with					
														Community Engaged		Hispanic Serving		Pell	
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. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	109	13	2,430	16	2,183	16	727	20	2.7	2.6 *** ▲	.17	2.7 * ▲	.09	2.4 *** ▲	.32	
		2	Some	231	27	5,010	32	4,046	28	1,332	34								
		3	Quite a bit	276	33	4,906	31	4,326	30	1,131	29								
		4	Very much	241	28	3,391	21	3,704	26	706	17								
		Total	857	100	15,737	100	14,259	100	3,896	100									
e. Providing opportunities to be involved socially	SEsocial	1	Very little	68	9	1,102	8	1,270	9	303	8	2.9	2.9	-.01	2.8	.02	2.8	.06	
		2	Some	209	25	3,913	26	3,622	26	1,063	28								
		3	Quite a bit	329	39	6,101	38	5,154	36	1,507	38								
		4	Very much	251	28	4,606	28	4,168	29	1,028	25								
		Total	857	100	15,722	100	14,214	100	3,901	100									
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	52	6	1,465	10	1,631	12	348	9	3.0	2.8 *** ▲	.20	2.8 *** ▲	.23	2.8 *** ▲	.20	
		2	Some	176	21	3,825	25	3,593	26	984	26								
		3	Quite a bit	302	36	5,861	37	4,852	34	1,407	36								
		4	Very much	318	36	4,514	28	4,080	28	1,133	28								
		Total	848	100	15,665	100	14,156	100	3,872	100									
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	216	25	5,280	34	4,767	34	1,448	38	2.3	2.1 *** ▲	.23	2.1 *** ▲	.16	2.0 *** ▲	.35	
		2	Some	306	36	5,509	35	4,500	32	1,436	36								
		3	Quite a bit	185	22	3,173	20	2,954	21	656	17								
		4	Very much	145	16	1,698	11	1,927	13	323	8								
		Total	852	100	15,660	100	14,148	100	3,863	100									
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	126	15	2,083	14	2,273	16	536	14	2.6	2.6	.03	2.6	.03	2.6 * ▲	.08	
		2	Some	238	28	4,818	31	4,093	29	1,291	33								
		3	Quite a bit	285	35	5,420	34	4,539	32	1,362	36								
		4	Very much	198	22	3,298	20	3,198	22	662	17								
		Total	847	100	15,619	100	14,103	100	3,851	100									
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	180	22	2,599	18	2,766	20	734	20	2.4	2.4	-.01	2.4	-.01	2.3 ** ▲	.11	
		2	Some	267	31	5,665	36	4,794	34	1,560	40								
		3	Quite a bit	253	30	4,822	31	4,042	29	1,048	27								
		4	Very much	148	17	2,515	16	2,483	17	511	13								
		Total	848	100	15,601	100	14,085	100	3,853	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.



# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>											
				CSUSB				Community Engaged				Hispanic Serving				Pell				Your seniors compared with			
																				Community Engaged			
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>					
15. About how many hours do you spend in a typical 7-day week doing the following?																							
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	4	1	48	0	54	0	9	0	13.7	14.4 *	-.09	14.2	-.06	16.3 ***	-.30					
	(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	157	18	2,223	15	2,316	16	356	10												
	8	6-10 hrs	232	27	3,900	25	3,579	25	806	21													
	13	11-15 hrs	151	17	3,226	20	2,734	19	782	20													
	18	16-20 hrs	111	14	2,613	17	2,277	16	740	19													
	23	21-25 hrs	88	10	1,528	10	1,356	10	479	12													
	28	26-30 hrs	44	5	1,014	6	776	5	301	8													
	33	More than 30 hrs	64	7	1,155	7	1,082	8	380	10													
	Total		851	100	15,707	100	14,174	100	3,853	100													
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	464	55	7,486	49	7,473	53	1,737	45	3.6	4.0	-.06	3.5	.01	4.3 **	-.11					
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	215	24	4,469	28	3,804	27	1,190	31												
	8	6-10 hrs	72	8	1,710	11	1,334	9	423	11													
	13	11-15 hrs	41	5	880	6	694	5	216	6													
	18	16-20 hrs	28	3	528	3	413	3	141	4													
	23	21-25 hrs	15	2	251	2	184	1	63	2													
	28	26-30 hrs	8	1	127	1	98	1	43	1													
	33	More than 30 hrs	7	1	173	1	113	1	34	1													
	Total		850	100	15,624	100	14,113	100	3,847	100													
c. Working for pay on campus	tmworkonhrs	0	0 hrs	688	80	12,007	78	11,286	80	2,709	70	3.0	3.0	-.01	3.1	-.01	3.9 ***	-.14					
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	16	2	533	3	294	2	151	4												
	8	6-10 hrs	38	4	949	6	521	4	267	7													
	13	11-15 hrs	28	3	822	5	545	4	294	7													
	18	16-20 hrs	60	7	797	5	995	7	310	8													
	23	21-25 hrs	11	1	247	2	207	1	71	2													
	28	26-30 hrs	2	0	100	1	94	1	18	1													
	33	More than 30 hrs	12	1	183	1	186	1	25	1													
	Total		855	100	15,638	100	14,128	100	3,845	100													

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB	Your seniors compared with					
						Community Engaged		Hispanic Serving		Pell			Effect size <sup>e</sup>		Effect size <sup>e</sup>			
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. Working for pay off campus	tmworkoffhrs	0	0 hrs	347	40	6,256	40	5,576	39	1,927	51	13.3	12.9	.03	13.8	-.04	9.2 ***	.34
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	43	5	811	5	581	4	265	6							
	8	6-10 hrs	46	5	1,005	6	767	5	255	6								
	13	11-15 hrs	42	5	1,113	7	845	6	244	6								
	18	16-20 hrs	93	11	1,528	10	1,322	9	345	9								
	23	21-25 hrs	78	9	1,305	8	1,135	8	295	7								
	28	26-30 hrs	49	6	1,005	6	937	7	171	4								
	33	More than 30 hrs	150	19	2,566	18	2,871	22	336	10								
			Total	848	100	15,589	100	14,034	100	3,838	100							
Estimated number of hours working for pay	tmworkhrs											16.2	15.8	.03	16.8	-.04	13.0 ***	.25
	(Continuous variable created by NSSE)																	
e. Doing community service or volunteer work	tmservehrs	0	0 hrs	369	45	7,445	49	7,056	52	1,956	52	4.1	3.3 ***	.13	3.2 ***	.15	2.8 ***	.23
	(Recorded version of tmserve created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	273	31	5,332	33	4,392	31	1,271	33							
	8	6-10 hrs	97	12	1,394	9	1,332	9	315	8								
	13	11-15 hrs	56	6	575	4	553	4	130	3								
	18	16-20 hrs	24	3	391	3	350	2	85	2								
	23	21-25 hrs	11	1	126	1	128	1	35	1								
	28	26-30 hrs	9	1	91	1	71	0	10	0								
	33	More than 30 hrs	7	1	153	1	120	1	19	1								
			Total	846	100	15,507	100	14,002	100	3,821	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	36	4	433	3	594	4	77	2	9.2	10.8 ***	-.20	9.5	-.04	11.6 ***	-.29
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	316	36	4,397	28	4,961	35	942	25							
	8	6-10 hrs	233	28	4,410	28	3,776	26	1,075	27								
	13	11-15 hrs	110	13	2,768	18	2,150	15	752	20								
	18	16-20 hrs	76	9	1,654	11	1,275	9	452	12								
	23	21-25 hrs	32	4	793	5	583	4	239	6								
	28	26-30 hrs	10	1	414	3	259	2	110	3								
	33	More than 30 hrs	33	4	694	5	473	4	181	5								
			Total	846	100	15,563	100	14,071	100	3,828	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### Seniors

Seniors				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>									
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your seniors compared with							
														Community Engaged		Hispanic Serving		Pell			
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>			
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	411	49	9,708	62	7,362	53	2,795	72	8.0	6.1 *** ▲	.17	7.6	.04	4.5 *** ▲	.34			
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	131	15	1,810	12	2,067	15	321	9										
	8	6-10 hrs	70	8	889	6	1,042	7	147	4											
	13	11-15 hrs	46	6	523	4	618	4	88	2											
	18	16-20 hrs	38	5	444	3	458	3	84	2											
	23	21-25 hrs	18	2	228	2	301	2	45	1											
	28	26-30 hrs	13	2	193	1	238	2	40	1											
	33	More than 30 hrs	115	13	1,736	11	1,930	13	294	8											
	Total		842	100	15,531	100	14,016	100	3,814	100											
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	38	4	1,776	11	1,106	8	287	8	6.7	5.2 *** ▲	.29	6.0 *** ▲	.12	4.7 *** ▲	.41			
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	426	51	9,143	58	7,602	54	2,593	67										
	8	6-10 hrs	258	30	3,169	21	3,422	24	665	17											
	13	11-15 hrs	68	8	880	6	1,077	8	173	5											
	18	16-20 hrs	21	3	302	2	396	3	54	1											
	23	21-25 hrs	10	1	127	1	181	1	27	1											
	28	26-30 hrs	6	1	82	1	100	1	18	0											
	33	More than 30 hrs	23	3	146	1	200	1	18	0											
	Total		850	100	15,625	100	14,084	100	3,835	100											
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																					
reading	(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)	1	Very little	74	9	1,459	11	1,125	12	411	13	3.2	3.0 *** ▲	.16	3.0 *** ▲	.14	2.9 *** ▲	.23			
		2	Some	181	21	3,181	25	2,427	25	872	26										
		3	About half	232	28	3,535	28	2,715	27	917	26										
		4	Most	237	28	3,218	25	2,533	25	892	25										
		5	Almost all	127	14	1,468	11	1,305	12	348	9										
		Total		851	100	12,861	100	10,105	100	3,440	100										
tmreadinghrs												8.0	7.4 * ▲	.09	7.5	.07	7.9	.02			
(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little= .10; Some= .25; About half= .50; Most= .75; Almost all= .90)																					

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### Seniors

Seniors				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your seniors compared with					
														Community Engaged		Hispanic Serving		Pell	
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>	
	tmreadinghrscol	1	0 hrs	4	1	35	0	31	0	9	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	365	44	5,795	46	4,608	46	1,349	41								
		3	More than 5, up to 10 hrs	233	28	3,808	30	2,845	28	1,129	33								
		4	More than 10, up to 15 hrs	99	12	1,425	11	1,128	11	410	12								
		5	More than 15, up to 20 hrs	64	8	823	6	655	6	244	7								
		6	More than 20, up to 25 hrs	50	6	615	5	478	5	193	5								
		7	More than 25 hrs	27	3	289	2	294	3	75	2								
		Total			842	100	12,790	100	10,039	100	3,409								100
17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																			
a. Writing clearly and effectively	pgwrite	1	Very little	31	4	901	6	907	7	279	8	3.2	3.0 ***	.19	3.0 ***	.19	2.9 ***	.31	
		2	Some	135	16	3,122	20	2,761	20	874	24								
		3	Quite a bit	300	35	5,887	38	5,022	35	1,409	37								
		4	Very much	389	45	5,754	36	5,449	38	1,277	32								
		Total		855	100	15,664	100	14,139	100	3,839	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	56	7	1,120	8	1,048	8	317	9	3.0	2.9 ***	.12	3.0 *	.08	2.9 ***	.21	
		2	Some	155	18	3,562	23	3,038	22	918	24								
		3	Quite a bit	318	37	5,814	37	5,019	36	1,473	38								
		4	Very much	325	37	5,122	32	4,981	35	1,120	28								
		Total		854	100	15,618	100	14,086	100	3,828	100								
c. Thinking critically and analytically	pgthink	1	Very little	17	2	417	3	368	3	106	3	3.3	3.3 *	.09	3.3	.06	3.3 *	.08	
		2	Some	105	12	2,000	13	1,806	13	490	14								
		3	Quite a bit	295	35	5,848	38	5,033	36	1,355	36								
		4	Very much	434	51	7,331	46	6,861	48	1,872	48								
		Total		851	100	15,596	100	14,068	100	3,823	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	86	10	1,868	12	1,498	11	416	11	2.9	2.8 ***	.13	2.9	.02	2.9	.04	
		2	Some	199	23	4,444	28	3,404	24	1,030	26								
		3	Quite a bit	290	34	4,805	31	4,545	32	1,132	29								
		4	Very much	277	33	4,492	29	4,607	33	1,241	34								
		Total		852	100	15,609	100	14,054	100	3,819	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your seniors compared with					
						Community Engaged		Hispanic Serving		Pell				Community Engaged		Hispanic Serving		Pell	
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>	
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	80	9	1,384	9	1,346	10	356	10	2.9	2.9	-.03	2.9	-.04	3.0	-.06	
		2	Some	212	25	3,565	24	3,160	23	875	23								
		3	Quite a bit	274	32	5,119	33	4,579	33	1,194	31								
		4	Very much	286	33	5,563	34	5,007	35	1,407	37								
		Total	852	100	15,631	100	14,092	100	3,832	100									
f. Working effectively with others	pgothers	1	Very little	47	6	813	6	772	6	177	5	3.1	3.0	.05	3.1	.01	3.1	.01	
		2	Some	171	21	3,254	22	2,778	20	774	21								
		3	Quite a bit	292	34	5,757	37	4,931	35	1,408	37								
		4	Very much	342	39	5,750	36	5,566	39	1,459	37								
		Total	852	100	15,574	100	14,047	100	3,818	100									
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	116	14	1,961	13	1,778	13	607	17	2.8	2.8	.06	2.8	.00	2.6 ***	.18	
		2	Some	179	22	4,010	26	3,215	23	1,050	28								
		3	Quite a bit	271	32	4,892	31	4,331	31	1,146	30								
		4	Very much	289	33	4,734	29	4,753	33	1,025	26								
		Total	855	100	15,597	100	14,077	100	3,828	100									
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	58	7	1,582	11	1,354	10	521	15	3.0	2.8 ***	.23	2.9 ***	.14	2.6 ***	.42	
		2	Some	173	20	4,218	27	3,315	24	1,181	31								
		3	Quite a bit	283	33	5,036	32	4,357	31	1,156	30								
		4	Very much	342	39	4,767	30	5,063	35	972	24								
		Total	856	100	15,603	100	14,089	100	3,830	100									
i. Solving complex real-world problems	pgprobsolve	1	Very little	93	11	1,661	11	1,493	11	391	11	2.8	2.8 *	.09	2.8	.02	2.8	.05	
		2	Some	206	25	4,345	28	3,569	26	1,069	28								
		3	Quite a bit	291	34	5,298	34	4,632	33	1,231	32								
		4	Very much	262	31	4,293	27	4,372	31	1,137	29								
		Total	852	100	15,597	100	14,066	100	3,828	100									
j. Being an informed and active citizen	pgcitizen	1	Very little	98	12	1,964	13	1,915	14	572	16	2.8	2.7 **	.10	2.7 **	.09	2.6 ***	.21	
		2	Some	222	26	4,443	29	3,901	28	1,189	31								
		3	Quite a bit	273	33	5,078	32	4,206	30	1,151	30								
		4	Very much	256	30	4,056	26	3,959	28	903	23								
		Total	849	100	15,541	100	13,981	100	3,815	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## California State University, San Bernardino

### Seniors

Seniors				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>															
				CSUSB		Community Engaged		Hispanic Serving		Pell		CSUSB		Your seniors compared with													
Item wording or description		Variable name <sup>c</sup>		Values <sup>d</sup>		Response options		Count		%		Count		%		Count		%		Count		%		Effect size <sup>e</sup>		Effect size <sup>e</sup>	
								Count		%		Count		%		Count		%		Mean		Mean		Mean		Mean	
<b>18. How would you evaluate your entire educational experience at this institution?</b>																											
		evalexp		1	Poor	15	2	323	2	303	2	85	3	3.3	3.2 *** ▲	.16	3.2 *** ▲	.17	3.3 *** ▲	.13							
				2	Fair	62	7	1,706	12	1,659	12	395	11														
				3	Good	390	45	7,379	47	6,657	47	1,761	45														
				4	Excellent	391	46	6,255	39	5,525	39	1,614	41														
				Total		858	100	15,663	100	14,144	100	3,855	100														
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																											
		sameinst		1	Definitely no	32	4	655	4	618	5	153	4	3.3	3.2 *** ▲	.13	3.2 *** ▲	.13	3.2	.07							
				2	Probably no	93	11	2,025	13	1,914	14	448	12														
				3	Probably yes	325	37	6,294	41	5,646	40	1,513	39														
				4	Definitely yes	402	48	6,712	42	5,982	42	1,738	45														
				Total		852	100	15,686	100	14,160	100	3,852	100														

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

Detailed Statistics<sup>g</sup>

California State University, San Bernardino

## 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>		
	CSUSB	CSUSB	Community Engaged	Hispanic Serving	Pell	CSUSB	Community Engaged	Hispanic Serving	Pell	CSUSB	Community Engaged	Hispanic Serving	Pell	Comparisons with:			Comparisons with:			Comparisons with:		
														Community Engaged	Hispanic Serving	Pell	Community Engaged	Hispanic Serving	Pell	Community Engaged	Hispanic Serving	Pell
1 a. askquest	490	2.71	2.80	2.70	2.73	.039	.010	.010	.017	.87	.84	.85	.83	8,035	8,167	2,947	.016	.978	.529	-.11	.00	-.03
b. drafts	485	2.79	2.53	2.61	2.48	.043	.011	.011	.019	.95	.98	.99	.92	553	553	2,931	.000	.000	.000	.27	.18	.33
c. unpreparedr	487	3.00	3.03	2.99	2.97	.034	.009	.009	.016	.76	.76	.81	.77	7,981	559	2,915	.501	.800	.340	-.03	.01	.05
d. attendart	479	1.88	1.96	1.93	1.92	.041	.011	.011	.017	.89	.93	.94	.83	7,948	8,058	654	.073	.247	.440	-.08	-.05	-.04
e. CLaskhelp	483	2.55	2.56	2.58	2.68	.040	.010	.010	.017	.88	.86	.88	.84	7,936	8,044	2,901	.919	.540	.003	.00	-.03	-.15
f. CLexplain	469	2.70	2.70	2.74	2.74	.039	.009	.010	.016	.85	.80	.82	.78	523	7,838	638	.891	.377	.397	.01	-.04	-.05
g. CLstudy	476	2.49	2.48	2.54	2.58	.046	.011	.011	.019	1.00	.95	.96	.91	533	7,847	647	.835	.283	.063	.01	-.05	-.10
h. CLproject	474	2.45	2.60	2.65	2.70	.043	.010	.010	.018	.93	.84	.88	.85	526	7,796	645	.001	.000	.000	-.17	-.22	-.28
i. present	470	2.35	2.32	2.26	2.28	.043	.011	.011	.019	.92	.89	.93	.90	7,645	7,742	2,781	.491	.044	.155	.03	.10	.07
2 a. RIintegrate	469	2.58	2.70	2.68	2.67	.043	.010	.010	.018	.93	.85	.88	.84	522	524	638	.004	.015	.043	-.15	-.12	-.11
b. RISocietal	461	2.60	2.64	2.61	2.59	.043	.010	.011	.018	.93	.86	.90	.85	515	7,501	630	.377	.833	.744	-.05	-.01	.02
c. RIDiverse	460	2.50	2.60	2.59	2.50	.043	.011	.011	.018	.91	.89	.91	.87	7,399	7,504	2,672	.018	.047	.929	-.11	-.10	.00
d. RIownview	462	2.78	2.77	2.81	2.76	.041	.010	.010	.017	.88	.82	.84	.80	516	517	628	.908	.453	.644	.01	-.04	.03
e. RIPerspect	456	2.91	2.89	2.91	2.85	.039	.010	.010	.017	.84	.83	.84	.81	7,337	7,448	2,647	.582	.926	.181	.03	.00	.07
f. RInewview	455	2.85	2.86	2.88	2.86	.039	.010	.010	.017	.84	.81	.82	.78	7,318	7,437	627	.864	.444	.830	-.01	-.04	-.01
g. RIconnect	452	3.02	3.07	3.08	3.05	.039	.009	.010	.016	.83	.78	.80	.75	7,275	7,424	613	.195	.169	.485	-.06	-.07	-.04
3 a. SFcareer	452	2.19	2.17	2.16	2.07	.047	.011	.011	.019	.99	.91	.94	.89	502	505	609	.660	.538	.022	.02	.03	.13
b. SFotherwork	450	1.62	1.67	1.68	1.66	.044	.011	.011	.019	.93	.89	.92	.87	7,268	7,386	2,621	.266	.145	.369	-.05	-.07	-.05
c. SFdiscuss	453	1.83	1.96	1.93	1.97	.043	.011	.011	.018	.91	.88	.92	.86	510	7,384	631	.003	.020	.002	-.15	-.11	-.17
d. SFperform	445	2.06	2.09	2.07	2.02	.045	.011	.011	.019	.95	.88	.92	.87	495	7,341	606	.442	.774	.507	-.04	-.01	.04
4 a. memorize	450	3.05	3.01	3.03	2.97	.039	.010	.010	.017	.83	.80	.82	.80	7,267	7,404	2,628	.322	.653	.057	.05	.02	.10
b. HOapply	448	2.89	2.95	2.97	2.99	.041	.010	.010	.017	.86	.81	.83	.79	501	503	613	.184	.045	.019	-.07	-.10	-.13
c. HOanalyze	446	2.97	2.96	3.01	2.95	.041	.010	.010	.018	.86	.82	.85	.82	7,203	7,332	2,604	.809	.418	.615	.01	-.04	.03
d. HOevaluate	447	2.98	2.94	2.98	2.86	.040	.010	.010	.018	.85	.82	.84	.84	7,189	7,323	2,597	.256	.933	.007	.06	.00	.14
e. HOform	446	2.95	2.90	2.95	2.84	.042	.010	.010	.019	.89	.84	.86	.86	7,176	7,301	2,598	.226	.991	.019	.06	.00	.12
5 a. ETgoals	452	3.25	3.15	3.20	3.12	.037	.009	.009	.016	.79	.76	.79	.76	508	7,385	635	.009	.161	.001	.13	.07	.17
b. ETorganize	452	3.09	3.10	3.14	3.07	.038	.009	.010	.016	.81	.78	.81	.76	7,237	7,361	628	.926	.280	.563	.00	-.05	.03
c. ETexample	453	3.12	3.10	3.12	3.11	.042	.010	.010	.017	.89	.81	.84	.79	504	7,350	611	.617	.945	.674	.03	.00	.02
d. ETdraftfb	452	3.03	2.87	2.90	2.78	.042	.011	.011	.019	.89	.91	.95	.90	7,193	520	2,608	.000	.005	.000	.17	.13	.28
e. ETfeedback	447	2.83	2.78	2.81	2.70	.044	.011	.012	.019	.93	.92	.96	.89	7,169	511	2,595	.241	.706	.007	.06	.02	.14

# NSSE 2014 Frequencies and Statistical Comparisons

Detailed Statistics<sup>g</sup>

California State University, San Bernardino

## First-Year Students

Variable Name	N					Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	CSUSB	CSUSB	Mean			CSUSB	Standard error			CSUSB	Standard deviation			Comparisons with:			Comparisons with:			Comparisons with:		
			Community Engaged	Hispanic Serving	Pell		Community Engaged	Hispanic Serving	Pell		Community Engaged	Hispanic Serving	Pell	Community Engaged	Hispanic Serving	Pell	Community Engaged	Hispanic Serving	Pell	Community Engaged	Hispanic Serving	Pell
6 a. QRconclude	453	2.41	2.54	2.58	2.60	.048	.011	.011	.020	1.01	.93	.95	.92	504	505	620	.012	.000	.000	-.13	-.18	-.20
b. QRproblem	452	2.19	2.27	2.31	2.30	.048	.011	.012	.020	1.02	.93	.96	.93	503	7,349	621	.088	.009	.026	-.09	-.13	-.12
c. QRevaluate	446	2.16	2.24	2.28	2.29	.047	.011	.012	.020	1.00	.92	.96	.91	496	7,298	607	.073	.010	.007	-.09	-.13	-.15
7 a. wrshortnum	396	5.26	6.55	5.56	6.62	.257	.069	.062	.125	5.11	5.43	4.84	5.50	455	6,584	599	.000	.237	.000	-.24	-.06	-.25
b. wrmednum	384	1.87	1.85	1.85	2.15	.150	.035	.037	.063	2.94	2.64	2.87	2.75	424	6,302	2,252	.896	.881	.078	.01	.01	-.10
c. wrlongnum	373	.80	.67	.82	.81	.141	.032	.037	.055	2.72	2.40	2.84	2.33	6,063	6,123	2,167	.315	.908	.983	.05	-.01	.00
— wrpages	368	39.03	41.92	40.69	47.29	2.800	.682	.786	1.324	53.71	51.13	59.15	55.73	5,979	6,027	2,137	.296	.600	.009	-.06	-.03	-.15
8 a. DDrace	409	3.03	3.10	3.13	3.11	.049	.012	.012	.020	.99	.91	.94	.89	454	6,717	555	.162	.044	.124	-.08	-.10	-.09
b. DDeconomic	407	2.87	3.08	3.04	3.13	.051	.011	.012	.020	1.03	.90	.94	.86	448	452	532	.000	.002	.000	-.23	-.18	-.29
c. DDreligion	405	2.80	3.03	2.98	3.10	.052	.012	.012	.020	1.05	.94	.98	.90	448	451	534	.000	.001	.000	-.24	-.18	-.32
d. DDpolitical	405	2.72	2.98	2.93	3.04	.052	.012	.013	.021	1.04	.95	.99	.91	449	453	542	.000	.000	.000	-.27	-.21	-.34
9 a. LSreading	404	3.16	3.14	3.12	3.11	.039	.010	.010	.017	.79	.75	.77	.76	6,560	6,651	569	.767	.407	.245	.02	.04	.06
b. LSnotes	403	2.98	2.92	2.93	2.88	.044	.012	.011	.020	.89	.90	.90	.89	6,542	6,645	2,352	.277	.350	.055	.06	.05	.10
c. LSsummary	402	2.74	2.82	2.79	2.73	.050	.012	.012	.021	1.00	.91	.92	.91	445	446	546	.107	.263	.874	-.09	-.06	.01
10. challenge	403	5.57	5.48	5.50	5.47	.056	.014	.015	.026	1.13	1.11	1.19	1.15	6,529	6,637	2,346	.109	.223	.099	.08	.06	.09
11 a. intern <sup>l</sup>	404	.061	.073	.084	.082	.0119	.0033	.0035	.0062	--	--	--	--	--	--	--	.374	.099	.149	-.05	-.09	-.08
b. leader <sup>l</sup>	401	.079	.109	.094	.115	.0135	.0040	.0037	.0073	--	--	--	--	--	--	--	.055	.323	.033	-.11	-.05	-.12
c. learncom <sup>l</sup>	404	.087	.142	.152	.134	.0140	.0045	.0046	.0078	--	--	--	--	--	--	--	.002	.000	.010	-.17	-.20	-.15
d. abroad <sup>l</sup>	398	.037	.029	.034	.036	.0094	.0021	.0023	.0043	--	--	--	--	--	--	--	.364	.806	.980	.04	.01	.00
e. research <sup>l</sup>	395	.049	.042	.051	.038	.0108	.0026	.0028	.0044	--	--	--	--	--	--	--	.512	.844	.329	.03	-.01	.05
f. capstone <sup>l</sup>	401	.040	.027	.036	.027	.0098	.0021	.0024	.0037	--	--	--	--	--	--	--	.126	.706	.164	.07	.02	.07
12. servcourse	396	1.56	1.61	1.64	1.61	.031	.008	.009	.015	.62	.64	.70	.67	6,428	462	2,320	.203	.012	.183	-.07	-.12	-.07
13 a. QIstudent	404	5.38	5.53	5.45	5.56	.075	.018	.018	.030	1.50	1.39	1.44	1.34	450	6,575	545	.058	.375	.032	-.10	-.05	-.13
b. QIadvisor	374	4.62	4.95	4.93	5.08	.103	.023	.023	.040	1.99	1.75	1.77	1.69	410	411	491	.002	.003	.000	-.19	-.17	-.26
c. QIfaculty	395	4.78	5.17	5.01	5.26	.094	.019	.021	.031	1.87	1.46	1.61	1.36	427	433	485	.000	.015	.000	-.26	-.14	-.33
d. QIstaff	360	4.41	4.87	4.74	4.97	.109	.023	.025	.039	2.06	1.72	1.85	1.63	393	398	456	.000	.004	.000	-.26	-.17	-.33
e. QIadmin	385	4.47	4.76	4.67	4.90	.101	.023	.024	.040	1.98	1.73	1.80	1.65	425	428	510	.006	.056	.000	-.16	-.11	-.25
14 a. empstudy	370	3.23	3.14	3.20	3.26	.040	.010	.010	.018	.77	.76	.78	.74	5,997	5,993	2,125	.029	.545	.478	.12	.03	-.04
b. SEacademic	370	3.06	3.08	3.12	3.12	.046	.011	.011	.019	.89	.84	.86	.79	5,951	5,957	2,108	.611	.153	.174	-.03	-.08	-.08
c. SEearnsup	370	3.08	3.11	3.17	3.14	.052	.012	.012	.021	1.00	.89	.90	.86	408	408	491	.469	.071	.237	-.04	-.11	-.07



# NSSE 2014 Frequencies and Statistical Comparisons

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

### California State University, San Bernardino

#### 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>		
	CSUSB	CSUSB	Community Engaged	Hispanic Serving	Pell	CSUSB	Community Engaged	Hispanic Serving	Pell	CSUSB	Community Engaged	Hispanic Serving	Pell	Comparisons with:			Comparisons with:			Comparisons with:		
														Community Engaged	Hispanic Serving	Pell	Community Engaged	Hispanic Serving	Pell	Community Engaged	Hispanic Serving	Pell
d. SEdiverse	370	2.78	2.75	2.83	2.71	.054	.013	.013	.023	1.03	.98	.98	.96	414	415	513	.602	.368	.217	.03	-.05	.07
e. SESocial	366	2.90	3.02	2.99	3.00	.052	.012	.012	.020	1.00	.89	.92	.84	404	407	480	.027	.105	.080	-.13	-.09	-.11
f. SEwellness	367	3.06	3.04	3.01	3.09	.051	.012	.012	.020	.98	.89	.93	.84	407	411	487	.741	.389	.579	.02	.05	-.04
g. SEonacad	369	2.63	2.41	2.49	2.39	.055	.013	.014	.023	1.05	.99	1.02	.95	413	5,935	505	.000	.015	.000	.22	.13	.24
h. SEactivities	366	2.76	2.88	2.85	2.79	.055	.013	.013	.021	1.05	.93	.98	.88	404	408	480	.031	.115	.578	-.13	-.09	-.04
i. SEevents	364	2.53	2.58	2.56	2.47	.056	.013	.014	.023	1.07	.97	1.02	.97	404	5,910	497	.370	.514	.309	-.05	-.04	.06
15 a. tmprephrs	371	11.65	13.34	12.88	14.42	.437	.107	.109	.200	8.42	7.99	8.17	8.28	416	5,953	2,092	.000	.005	.000	-.21	-.15	-.33
b. tmcocurrhrs	368	3.56	4.87	4.07	4.64	.329	.087	.081	.148	6.32	6.47	6.03	6.10	420	5,896	2,074	.000	.123	.002	-.20	-.08	-.18
c. tmworkonhrs	367	2.18	1.87	1.85	1.96	.323	.068	.072	.125	6.18	5.04	5.37	5.20	399	403	483	.347	.313	.523	.06	.06	.04
d. tmworkoffhrs	367	7.43	4.78	5.21	2.77	.570	.120	.123	.161	10.91	8.90	9.17	6.67	398	400	426	.000	.000	.000	.29	.24	.61
— tmworkhrs	364	9.58	6.58	6.96	4.65	.657	.140	.146	.216	12.55	10.38	10.82	8.93	397	400	445	.000	.000	.000	.29	.24	.51
e. tmervicehrs	365	2.78	2.24	2.59	1.88	.259	.058	.064	.091	4.95	4.31	4.77	3.74	401	5,862	457	.041	.457	.001	.13	.04	.23
f. tmrelaxhrs	367	10.26	13.38	11.47	13.45	.432	.120	.115	.215	8.28	8.91	8.57	8.88	5,880	5,897	2,068	.000	.009	.000	-.35	-.14	-.36
g. tmcarehrs	360	4.73	2.38	3.72	1.60	.448	.082	.099	.115	8.49	6.09	7.34	4.73	383	394	407	.000	.028	.000	.38	.14	.56
h. tmcommutehrs	364	6.16	3.86	5.40	3.58	.337	.073	.082	.120	6.44	5.42	6.09	4.96	398	5,903	460	.000	.022	.000	.42	.12	.49
16. reading	361	2.90	2.92	2.87	2.91	.056	.017	.018	.030	1.06	1.09	1.11	1.12	4,601	4,369	1,760	.677	.579	.896	-.02	.03	-.01
— tmreadinghrs	361	5.80	6.69	6.17	6.85	.294	.089	.089	.153	5.59	5.77	5.61	5.70	4,577	4,344	1,748	.005	.236	.002	-.16	-.07	-.18
17 a. pgwrite	363	3.11	2.87	2.96	2.80	.046	.012	.012	.022	.87	.88	.90	.90	5,910	5,911	2,067	.000	.002	.000	.27	.17	.35
b. pgspeak	366	3.08	2.75	2.81	2.72	.043	.012	.013	.023	.82	.91	.94	.93	427	430	587	.000	.000	.000	.37	.30	.40
c. pgthink	363	3.21	3.05	3.12	3.08	.042	.011	.011	.020	.80	.82	.83	.81	5,895	5,892	2,060	.000	.040	.003	.20	.11	.17
d. pganalyze	361	2.70	2.57	2.71	2.69	.052	.013	.013	.023	.99	.95	.97	.94	5,890	5,898	2,053	.016	.870	.917	.13	-.01	.01
e. pgwork	366	2.53	2.51	2.55	2.58	.056	.013	.013	.024	1.08	.98	1.00	.99	406	408	506	.674	.835	.497	.02	-.01	-.04
f. pgothers	363	2.91	2.83	2.89	2.84	.049	.012	.012	.021	.94	.89	.92	.88	5,881	5,882	2,061	.086	.662	.150	.09	.02	.08
g. pgvalues	363	2.66	2.66	2.73	2.61	.052	.013	.013	.023	.99	.97	.99	.96	5,890	5,892	2,057	.902	.194	.326	.01	-.07	.06
h. pgdiverse	366	2.93	2.74	2.86	2.67	.051	.013	.013	.023	.98	.95	.96	.95	5,896	5,896	2,058	.000	.176	.000	.20	.07	.28
i. pgprobsolve	362	2.66	2.57	2.64	2.59	.053	.013	.013	.022	1.01	.94	.98	.92	403	5,887	496	.101	.605	.218	.09	.03	.08
j. pgcitizen	364	2.60	2.59	2.67	2.58	.054	.013	.013	.023	1.03	.95	.97	.94	406	407	502	.827	.205	.722	.01	-.07	.02
18. evalexp	366	3.19	3.17	3.17	3.25	.038	.009	.009	.016	.73	.70	.70	.68	5,932	5,937	2,072	.529	.523	.123	.03	.03	-.09
19. sameinst	369	3.11	3.18	3.14	3.27	.042	.011	.011	.019	.80	.80	.80	.77	5,928	5,951	2,075	.097	.527	.000	-.09	-.03	-.21

IPEDS: 110510

# NSSE 2014 Frequencies and Statistical Comparisons

Detailed Statistics<sup>g</sup>

California State University, San Bernardino

## 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>		
	CSUSB	CSUSB	Community Engaged	Hispanic Serving	Pell	CSUSB	Community Engaged	Hispanic Serving	Pell	CSUSB	Community Engaged	Hispanic Serving	Pell	Comparisons with:			Comparisons with:			Comparisons with:		
														Community Engaged	Hispanic Serving	Pell	Community Engaged	Hispanic Serving	Pell	Community Engaged	Hispanic Serving	Pell
1 a. askquest	1,061	3.05	3.13	3.01	3.10	.028	.007	.007	.013	.90	.86	.89	.88	17,972	19,466	5,649	.002	.230	.086	-.10	.04	-.06
b. drafts	1,055	2.65	2.44	2.51	2.43	.031	.008	.008	.015	1.01	1.01	1.02	1.01	17,868	19,379	5,616	.000	.000	.000	.21	.14	.22
c. unpreparedr	1,050	2.90	2.97	2.95	2.89	.025	.006	.006	.012	.80	.78	.79	.78	1,178	19,333	5,597	.005	.049	.832	-.09	-.06	.01
d. attendart	1,048	1.82	1.81	1.79	1.84	.027	.007	.007	.013	.87	.91	.91	.88	17,794	1,181	5,594	.872	.371	.393	.01	.03	-.03
e. CLaskhelp	1,045	2.49	2.44	2.44	2.56	.027	.007	.007	.013	.88	.88	.89	.88	17,791	19,259	5,572	.099	.080	.020	.05	.06	-.08
f. CLexplain	1,025	2.87	2.78	2.78	2.90	.025	.006	.006	.012	.80	.83	.84	.81	1,166	1,158	5,472	.000	.000	.417	.11	.12	-.03
g. CLstudy	1,024	2.59	2.47	2.52	2.61	.030	.008	.007	.015	.97	.98	.99	.98	17,403	18,843	5,462	.000	.034	.644	.12	.07	-.02
h. CLproject	1,029	2.89	2.90	2.94	3.07	.028	.007	.007	.013	.90	.88	.90	.86	17,352	18,766	1,493	.649	.104	.000	-.01	-.05	-.21
i. present	1,020	2.75	2.75	2.70	2.84	.030	.007	.007	.014	.95	.95	.99	.93	17,257	18,720	1,505	.822	.121	.010	.01	.05	-.09
2 a. RIintegrate	1,010	3.05	3.04	3.02	3.09	.026	.007	.006	.012	.83	.84	.84	.81	17,029	18,471	5,346	.610	.194	.185	.02	.04	-.05
b. RISocietal	994	2.89	2.88	2.85	2.86	.029	.007	.007	.014	.91	.89	.91	.90	16,803	18,250	5,288	.864	.176	.323	.01	.04	.03
c. RIDiverse	993	2.75	2.69	2.61	2.61	.029	.008	.007	.015	.93	.95	.98	.96	16,818	1,122	1,526	.067	.000	.000	.06	.14	.14
d. RIownview	992	2.87	2.86	2.85	2.85	.027	.007	.007	.013	.84	.85	.86	.86	16,804	18,207	5,273	.657	.345	.361	.01	.03	.03
e. RIPerspect	991	3.00	2.96	2.96	2.96	.026	.007	.006	.013	.82	.83	.84	.84	16,755	1,112	1,507	.128	.076	.109	.05	.06	.06
f. RInewview	989	3.01	2.97	2.97	2.95	.026	.006	.006	.013	.83	.81	.81	.82	16,716	18,107	5,247	.132	.217	.044	.05	.04	.07
g. RIconnect	982	3.26	3.25	3.24	3.26	.023	.006	.006	.011	.73	.75	.76	.74	16,619	1,107	5,210	.746	.526	.771	.01	.02	-.01
3 a. SFcareer	988	2.38	2.39	2.30	2.42	.031	.008	.007	.015	.99	.98	.98	.96	16,659	18,089	5,230	.735	.021	.203	-.01	.08	-.04
b. SFotherwork	982	1.86	1.88	1.83	1.96	.034	.008	.008	.016	1.06	1.01	1.02	1.02	1,097	1,088	1,436	.447	.440	.007	-.03	.03	-.10
c. SFdiscuss	985	2.10	2.19	2.10	2.28	.031	.008	.007	.014	.96	.95	.96	.93	16,587	17,999	5,210	.009	.845	.000	-.09	.01	-.18
d. SFperform	978	2.15	2.20	2.17	2.18	.031	.007	.007	.014	.96	.92	.93	.91	16,529	17,927	1,410	.088	.540	.266	-.06	-.02	-.04
4 a. memorize	987	3.00	2.78	2.84	2.74	.027	.007	.007	.014	.83	.90	.89	.90	1,135	1,121	1,567	.000	.000	.000	.24	.17	.29
b. HOapply	975	3.14	3.13	3.14	3.14	.026	.006	.006	.013	.82	.81	.82	.82	16,502	17,938	5,199	.815	.914	.867	.01	.00	.01
c. HOanalyze	983	3.13	3.10	3.13	3.10	.027	.007	.006	.013	.85	.83	.84	.84	16,490	17,908	5,187	.279	.962	.208	.04	.00	.04
d. HOevaluate	978	3.06	2.99	3.00	2.88	.027	.007	.007	.014	.85	.86	.88	.89	16,485	17,871	1,516	.014	.043	.000	.08	.07	.20
e. HOform	972	3.04	2.99	3.02	2.94	.027	.007	.007	.013	.86	.85	.87	.86	16,421	17,825	5,163	.054	.432	.001	.06	.03	.12
5 a. ETgoals	983	3.33	3.21	3.21	3.20	.023	.006	.006	.012	.73	.76	.78	.76	16,594	18,022	5,209	.000	.000	.000	.16	.16	.17
b. ETorganize	984	3.20	3.14	3.14	3.14	.025	.006	.006	.012	.78	.78	.80	.76	16,535	17,971	1,452	.028	.036	.033	.07	.07	.08
c. ETexample	979	3.22	3.18	3.17	3.20	.026	.007	.006	.012	.82	.81	.83	.79	16,519	17,927	1,432	.125	.088	.511	.05	.06	.02
d. ETdraftfb	978	2.87	2.82	2.79	2.73	.031	.008	.008	.015	.98	.96	.99	.96	16,514	17,894	5,184	.152	.015	.000	.05	.08	.14
e. ETfeedback	971	2.89	2.88	2.86	2.79	.030	.007	.007	.014	.94	.90	.93	.90	1,083	17,828	5,158	.807	.353	.001	.01	.03	.11

# NSSE 2014 Frequencies and Statistical Comparisons

Detailed Statistics<sup>g</sup>

California State University, San Bernardino

## 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>		
	CSUSB	CSUSB	Community Engaged	Hispanic Serving	Pell	CSUSB	Community Engaged	Hispanic Serving	Pell	CSUSB	Community Engaged	Hispanic Serving	Pell	Community Engaged	Hispanic Serving	Pell	Community Engaged	Hispanic Serving	Pell	Community Engaged	Hispanic Serving	Pell
6 a. QRconclude	982	2.63	2.59	2.66	2.72	.030	.008	.007	.015	.93	.96	.97	.96	1,120	1,108	1,517	.137	.360	.011	.05	-.03	-.09
b. QRproblem	980	2.40	2.40	2.43	2.48	.032	.008	.008	.015	.99	.98	1.00	1.00	16,520	17,945	5,191	.928	.376	.039	.00	-.03	-.07
c. QRevaluate	977	2.44	2.40	2.42	2.52	.031	.008	.007	.015	.96	.97	.97	.97	16,465	17,889	5,175	.233	.584	.013	.04	.02	-.09
7 a. wrshortnum	868	7.29	7.52	6.67	8.21	.218	.055	.051	.111	6.44	6.52	6.29	6.84	14,822	16,024	1,353	.306	.005	.000	-.04	.10	-.14
b. wrmednum	884	3.69	3.35	3.34	3.50	.143	.033	.034	.066	4.26	3.92	4.19	4.02	14,606	15,773	4,614	.014	.017	.217	.09	.08	.05
c. wrlongnum	862	2.13	1.91	1.98	2.03	.123	.030	.031	.057	3.60	3.46	3.79	3.46	965	15,436	4,516	.077	.258	.434	.06	.04	.03
— wrpages	823	78.35	75.04	72.79	80.05	2.754	.705	.736	1.380	79.02	80.40	87.27	82.15	13,829	14,893	4,367	.252	.074	.589	.04	.06	-.02
8 a. DDrace	926	3.38	3.15	3.26	3.06	.027	.008	.007	.015	.81	.92	.91	.92	1,083	1,067	1,540	.000	.000	.000	.25	.13	.35
b. DDeconomic	925	3.26	3.12	3.17	3.09	.029	.007	.007	.014	.87	.88	.91	.87	15,402	16,735	1,397	.000	.002	.000	.16	.10	.20
c. DDreligion	924	3.17	3.06	3.10	3.07	.031	.008	.008	.015	.93	.94	.96	.92	15,366	16,687	1,383	.001	.053	.004	.11	.07	.11
d. DDpolitical	920	3.09	3.04	3.07	3.03	.032	.008	.008	.015	.96	.93	.96	.92	1,033	16,611	1,343	.085	.423	.080	.06	.03	.07
9 a. LSreading	927	3.31	3.26	3.27	3.21	.025	.007	.006	.013	.77	.78	.77	.81	15,398	16,686	4,832	.049	.119	.001	.07	.05	.12
b. LSnotes	920	2.96	2.90	2.97	2.82	.030	.008	.007	.015	.92	.93	.92	.94	15,350	16,624	1,413	.054	.803	.000	.07	-.01	.15
c. LSsummary	914	2.88	2.88	2.92	2.80	.031	.008	.007	.015	.94	.92	.92	.94	15,193	16,467	4,756	.896	.173	.017	.00	-.05	.09
10. challenge	924	5.71	5.67	5.74	5.55	.040	.010	.010	.019	1.23	1.17	1.20	1.20	1,032	16,622	4,813	.328	.480	.000	.03	-.02	.14
11 a. intern <sup>l</sup>	923	.382	.490	.411	.541	.0160	.0042	.0039	.0080	--	--	--	--	--	--	--	.000	.075	.000	-.22	-.06	-.32
b. leader <sup>l</sup>	918	.238	.312	.270	.356	.0141	.0039	.0035	.0077	--	--	--	--	--	--	--	.000	.033	.000	-.17	-.07	-.26
c. learncom <sup>l</sup>	911	.208	.229	.215	.244	.0134	.0035	.0033	.0069	--	--	--	--	--	--	--	.134	.627	.022	-.05	-.02	-.09
d. abroad <sup>l</sup>	914	.048	.101	.068	.105	.0071	.0025	.0020	.0049	--	--	--	--	--	--	--	.000	.023	.000	-.20	-.08	-.22
e. research <sup>l</sup>	907	.159	.204	.184	.283	.0121	.0034	.0031	.0073	--	--	--	--	--	--	--	.001	.057	.000	-.12	-.07	-.30
f. capstone <sup>l</sup>	911	.472	.418	.365	.587	.0165	.0041	.0039	.0079	--	--	--	--	--	--	--	.001	.000	.000	.11	.22	-.23
12. servcourse	915	1.73	1.77	1.75	1.76	.022	.006	.006	.011	.67	.69	.72	.66	15,225	1,040	4,766	.065	.411	.172	-.06	-.03	-.05
13 a. QIstudent	911	5.86	5.70	5.71	5.67	.043	.011	.011	.020	1.31	1.28	1.34	1.27	15,212	16,475	4,771	.000	.002	.000	.12	.11	.15
b. QIadvisor	857	5.08	5.06	5.09	5.03	.064	.015	.014	.029	1.88	1.80	1.79	1.80	955	944	1,238	.693	.964	.421	.01	.00	.03
c. QIfaculty	907	5.60	5.55	5.47	5.59	.049	.011	.012	.021	1.47	1.35	1.46	1.30	1,007	16,383	1,265	.325	.009	.919	.04	.09	.00
d. QIstaff	740	4.84	4.81	4.80	4.86	.071	.016	.016	.030	1.93	1.75	1.83	1.68	820	819	1,017	.681	.624	.772	.02	.02	-.01
e. QIadmin	871	4.93	4.83	4.80	4.86	.060	.015	.015	.028	1.79	1.71	1.79	1.66	14,466	15,686	1,257	.112	.044	.286	.06	.07	.04
14 a. empstudy	853	3.27	3.14	3.20	3.19	.027	.007	.006	.013	.78	.77	.78	.77	961	15,588	1,272	.000	.013	.005	.17	.09	.11
b. SEacademic	849	2.97	2.95	2.95	2.94	.030	.007	.007	.014	.86	.86	.89	.84	14,325	15,463	4,454	.520	.625	.440	.02	.02	.03
c. SEearnsup	852	2.94	2.84	2.88	2.86	.031	.008	.008	.015	.91	.94	.96	.91	969	965	4,457	.002	.062	.012	.11	.06	.10

# NSSE 2014 Frequencies and Statistical Comparisons

Detailed Statistics<sup>g</sup>

California State University, San Bernardino

## 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>		
	CSUSB	CSUSB	Community Engaged	Hispanic Serving	Pell	CSUSB	Community Engaged	Hispanic Serving	Pell	CSUSB	Community Engaged	Hispanic Serving	Pell	Comparisons with:			Comparisons with:			Comparisons with:		
														Community Engaged	Hispanic Serving	Pell	Community Engaged	Hispanic Serving	Pell	Community Engaged	Hispanic Serving	Pell
d. SEdiverse	854	2.75	2.58	2.66	2.44	.034	.009	.008	.017	1.00	.99	1.02	1.00	14,366	960	4,472	.000	.011	.000	.17	.09	.32
e. SESocial	854	2.86	2.87	2.84	2.81	.032	.008	.008	.015	.92	.91	.94	.91	14,353	15,499	4,480	.724	.591	.120	-.01	.02	.06
f. SEwellness	845	3.02	2.83	2.79	2.83	.031	.008	.008	.016	.91	.95	.98	.95	963	962	1,309	.000	.000	.000	.20	.23	.20
g. SEnonacad	850	2.30	2.07	2.14	1.96	.035	.008	.009	.016	1.02	.98	1.03	.94	950	15,432	1,213	.000	.000	.000	.23	.16	.35
h. SEactivities	845	2.64	2.61	2.61	2.56	.034	.008	.008	.016	.99	.96	1.00	.93	14,253	15,378	1,221	.344	.419	.039	.03	.03	.08
i. SEevents	845	2.43	2.44	2.44	2.32	.035	.008	.008	.016	1.01	.95	1.00	.94	942	15,359	1,211	.690	.820	.004	-.01	-.01	.11
15 a. tmprephrs	848	13.65	14.42	14.18	16.29	.307	.075	.073	.148	8.94	8.75	8.87	8.88	14,340	15,456	4,429	.013	.094	.000	-.09	-.06	-.30
b. tmcocurrhrs	848	3.58	3.98	3.51	4.28	.216	.055	.049	.109	6.29	6.37	5.96	6.51	14,261	15,386	1,311	.071	.741	.004	-.06	.01	-.11
c. tmworkonhrs	852	2.97	3.03	3.07	3.94	.237	.058	.059	.119	6.92	6.76	7.08	7.11	14,279	15,407	1,314	.804	.696	.000	-.01	-.01	-.14
d. tmworkoffhrs	847	13.28	12.85	13.84	9.19	.456	.112	.112	.197	13.28	13.01	13.53	11.75	951	15,308	1,179	.361	.239	.000	.03	-.04	.34
— tmworkhrs	845	16.17	15.76	16.78	13.01	.456	.114	.114	.206	13.27	13.12	13.63	12.26	14,132	15,211	1,212	.380	.209	.000	.03	-.04	.25
e. tmervicehrs	844	4.05	3.30	3.22	2.84	.212	.048	.046	.083	6.17	5.58	5.52	4.94	932	923	1,113	.001	.000	.000	.13	.15	.23
f. tmrelaxhrs	844	9.22	10.84	9.53	11.57	.269	.071	.065	.140	7.81	8.25	7.87	8.34	965	15,351	1,335	.000	.258	.000	-.20	-.04	-.29
g. tmcarehrs	842	8.03	6.12	7.56	4.55	.400	.095	.097	.165	11.60	10.93	11.69	9.84	937	15,291	1,144	.000	.265	.000	.17	.04	.34
h. tmcommutehrs	848	6.74	5.20	6.02	4.73	.218	.045	.048	.075	6.36	5.21	5.82	4.49	921	15,362	1,057	.000	.000	.000	.29	.12	.41
16. reading	848	3.18	2.99	3.01	2.91	.040	.011	.012	.021	1.18	1.18	1.21	1.18	11,854	11,371	3,984	.000	.000	.000	.16	.14	.23
— tmreadinghrs	839	7.97	7.38	7.49	7.86	.242	.061	.065	.115	7.00	6.43	6.69	6.42	949	964	1,244	.018	.055	.659	.09	.07	.02
17 a. pgwrite	853	3.21	3.04	3.04	2.92	.029	.008	.008	.016	.86	.90	.92	.93	14,301	15,424	4,416	.000	.000	.000	.19	.19	.31
b. pgspeak	851	3.05	2.94	2.97	2.86	.031	.008	.008	.016	.92	.92	.94	.93	14,260	15,368	1,305	.001	.016	.000	.12	.08	.21
c. pgthink	849	3.34	3.27	3.29	3.28	.027	.007	.007	.014	.77	.80	.80	.81	14,239	15,341	4,397	.010	.092	.035	.09	.06	.08
d. pganalyze	849	2.90	2.77	2.88	2.86	.034	.009	.008	.017	.98	.99	.99	1.00	963	15,328	1,309	.000	.653	.285	.13	.02	.04
e. pgwork	850	2.89	2.92	2.92	2.95	.033	.008	.008	.016	.97	.98	.98	.98	14,271	15,373	4,407	.414	.306	.104	-.03	-.04	-.06
f. pgothers	849	3.07	3.03	3.07	3.06	.031	.008	.008	.015	.91	.89	.91	.89	14,215	15,326	4,391	.136	.769	.723	.05	.01	.01
g. pgvalues	852	2.83	2.77	2.83	2.64	.035	.009	.009	.017	1.04	1.02	1.03	1.04	14,241	15,358	1,293	.072	.942	.000	.06	.00	.18
h. pgdiverse	853	3.05	2.82	2.91	2.63	.032	.008	.008	.017	.94	.98	.99	1.00	974	968	1,357	.000	.000	.000	.23	.14	.42
i. pgprobsolve	849	2.85	2.76	2.83	2.80	.034	.008	.008	.016	.98	.97	.99	.98	14,234	15,340	4,402	.015	.627	.216	.09	.02	.05
j. pgcitizen	847	2.80	2.71	2.71	2.59	.034	.009	.009	.017	.99	.99	1.02	1.01	14,186	955	1,299	.006	.006	.000	.10	.09	.21
18. evalexp	855	3.35	3.23	3.22	3.25	.024	.006	.006	.012	.70	.74	.75	.75	14,307	15,430	4,438	.000	.000	.001	.16	.17	.13
19. sameinst	849	3.30	3.19	3.19	3.24	.028	.007	.007	.014	.81	.83	.84	.82	14,319	15,443	4,428	.000	.000	.080	.13	.13	.07

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## Endnotes

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