
NSSE 2014

Frequencies and Statistical Comparisons

Central Washington University


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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) or contact a member of the NSSE team.

1. **Class level:** As reported by your institution.
 2. **Item numbers:** Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE Web site.
 3. **Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.
 4. **Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
 5. **Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.
- Note:** Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: nsse.iub.edu/html/weighting.cfm
6. **Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (* $p < .05$, ** $p < .01$, *** $p < .001$). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are items 11 a-f which are compared using a z -test.



NSSE 2014 Frequencies and Statistical Comparisons

NSSEville State University

		Seniors		Frequency Distributions ^a						Statistical Comparisons ^b									
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Your seniors compared with					
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	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	313,469	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	11,115	19	90,885	19	2.6	2.4 ***	.20	2.4 ***	.20	2.4 ***	.18	
		2	Sometimes	366	35	22,556	37	21,115	36	115,411	36								
		3	Often	294	28	14,007	23	14,452	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								

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

8. **Key to symbols:**

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

			Frequency Distributions ^a								Statistical Comparisons ^b						
			CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Your first-year students compared with				
Item wording or description	Variable name ^c	Values ^d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
I. During the current school year, about how often have you done the following?																	
a. Asked questions or contributed to course discussions in other ways	askquest	1 Never	5	1	181	4	576	3	7,259	3	2.8	2.8	.05	2.9 **	-.15	2.9	-.09
		2 Sometimes	128	41	1,802	39	6,647	31	79,439	34							
		3 Often	106	34	1,622	36	7,589	36	86,366	35							
		4 Very often	75	23	995	22	5,967	29	69,139	28							
		Total	314	100	4,600	100	20,779	100	242,203	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1 Never	44	14	578	13	3,029	15	37,601	16	2.6	2.6	-.07	2.6	-.02	2.5	.04
		2 Sometimes	98	34	1,549	33	7,175	34	83,574	34							
		3 Often	110	34	1,421	31	6,188	30	70,795	29							
		4 Very often	61	19	1,037	23	4,318	21	49,148	20							
		Total	313	100	4,585	100	20,710	100	241,118	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1 Very often	20	6	253	6	964	5	11,873	5	3.0	3.0	.06	3.1	-.06	3.0	.01
		2 Often	31	11	609	13	2,163	11	28,345	12							
		3 Sometimes	176	57	2,640	57	11,757	56	136,629	56							
		4 Never	88	27	1,073	24	5,739	29	63,564	26							
		Total	315	100	4,575	100	20,623	100	240,411	100							
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1 Never	60	18	1,578	36	6,466	34	79,696	36	2.2	2.0 ***	.28	2.0 **	.19	2.0 ***	.23
		2 Sometimes	168	57	1,883	41	8,286	39	95,191	39							
		3 Often	45	13	759	16	3,675	17	41,699	16							
		4 Very often	40	12	337	7	2,174	10	23,215	9							
		Total	313	100	4,557	100	20,601	100	239,801	100							
e. Asked another student to help you understand course material	CLaskhelp	1 Never	21	9	305	7	1,691	10	20,037	9	2.5	2.6 ***	-.20	2.5	-.08	2.6 *	-.13
		2 Sometimes	148	48	1,823	40	8,493	42	96,548	41							
		3 Often	110	34	1,617	35	7,000	32	80,750	33							
		4 Very often	34	10	807	17	3,401	15	42,042	17							
		Total	313	100	4,552	100	20,585	100	239,377	100							
f. Explained course material to one or more students	Clexplain	1 Never	5	1	172	4	881	6	10,231	5	2.6	2.7	-.08	2.7	-.03	2.7	-.09
		2 Sometimes	138	47	1,752	39	7,805	40	88,716	38							
		3 Often	120	37	1,735	39	7,858	38	90,466	38							
		4 Very often	42	14	793	18	3,583	17	44,287	19							
		Total	305	100	4,452	100	20,127	100	233,700	100							

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

			Your first-year students compared with																
			CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		
Item wording or description	Variable name ^c	Values ^d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1 Never	41	14	563	13	2,804	16	32,089	15	2.5	2.5	-0.07	2.5	-0.01	2.5	-0.06		
		2 Sometimes	118	38	1,671	38	7,430	37	83,779	36									
		3 Often	101	33	1,407	31	6,052	29	71,150	30									
		4 Very often	45	14	813	18	3,822	18	46,857	19									
		Total	305	100	4,454	100	20,108	100	233,875	100									
h. Worked with other students on course projects or assignments	CLproject	1 Never	21	8	278	6	1,453	9	17,918	8	2.5	2.7 ***	-0.20	2.6	-0.08	2.6 *	-0.11	▽	▽
		2 Sometimes	137	45	1,706	38	7,995	40	92,250	40									
		3 Often	110	36	1,653	38	7,189	35	81,091	34									
		4 Very often	36	11	792	18	3,385	16	41,651	17									
		Total	304	100	4,429	100	20,022	100	232,910	100									
i. Gave a course presentation	present	1 Never	91	28	785	16	3,690	21	45,834	21	2.0	2.4 ***	-0.41	2.3 ***	-0.27	2.2 ***	-0.22	▽	▽
		2 Sometimes	135	47	1,784	40	8,633	42	104,999	45									
		3 Often	59	19	1,220	29	5,309	26	56,666	24									
		4 Very often	18	6	604	14	2,297	12	24,239	10									
		Total	303	100	4,393	100	19,929	100	231,738	100									
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIntegrate	1 Never	22	7	277	7	1,276	7	14,481	7	2.6	2.7 *	-0.14	2.7 *	-0.12	2.7 *	-0.14	▽	▽
		2 Sometimes	133	45	1,656	38	7,550	38	85,864	38									
		3 Often	100	32	1,574	36	7,220	36	83,613	36									
		4 Very often	45	15	822	19	3,556	18	44,003	19									
		Total	300	100	4,329	100	19,602	100	227,961	100									
b. Connected your learning to societal problems or issues	RSocietal	1 Never	25	8	294	7	1,607	9	18,229	9	2.6	2.7	-0.06	2.6	.00	2.6	-0.01		
		2 Sometimes	113	38	1,596	38	7,637	39	86,663	39									
		3 Often	114	38	1,550	36	6,749	34	79,581	35									
		4 Very often	45	16	827	19	3,363	18	40,509	18									
		Total	297	100	4,267	100	19,356	100	224,982	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1 Never	31	11	361	9	1,868	10	20,971	10	2.4	2.6 ***	-0.21	2.6 **	-0.14	2.6 *	-0.14	▽	▽
		2 Sometimes	131	45	1,572	37	7,610	39	88,483	39									
		3 Often	99	32	1,563	36	6,543	33	76,188	33									
		4 Very often	37	12	785	18	3,327	17	39,473	17									
		Total	298	100	4,281	100	19,348	100	225,115	100									

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	12	4	184	5	964	5	10,597	5	2.7	2.8	-.07	2.8	-.02	2.8	-.04
		2	Sometimes	105	35	1,320	31	6,469	33	73,164	33							
		3	Often	130	42	1,889	44	8,088	42	94,876	42							
		4	Very often	52	18	878	21	3,785	20	45,982	21							
		Total		299	100	4,271	100	19,306	100	224,619	100							
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	8	3	135	3	698	4	7,905	4	2.8	2.9 **	-.18	2.9	-.08	2.9	-.09
		2	Sometimes	97	34	1,106	27	5,859	30	66,712	30							
		3	Often	133	44	1,844	43	8,115	42	94,907	42							
		4	Very often	59	19	1,164	27	4,573	24	54,509	24							
		Total		297	100	4,249	100	19,245	100	224,033	100							
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	7	2	103	3	550	3	6,184	3	2.8	2.9 *	-.14	2.8	-.08	2.9	-.09
		2	Sometimes	91	33	1,220	30	6,175	32	69,219	32							
		3	Often	148	48	1,841	43	8,080	42	94,453	42							
		4	Very often	52	16	1,067	25	4,395	23	53,431	23							
		Total		298	100	4,231	100	19,200	100	223,287	100							
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	5	2	70	2	294	2	3,156	2	3.0	3.1 **	-.18	3.1 *	-.13	3.1 **	-.15
		2	Sometimes	71	24	805	20	4,106	22	45,738	21							
		3	Often	141	49	1,917	45	8,595	45	99,765	44							
		4	Very often	77	24	1,433	34	6,103	32	73,443	33							
		Total		294	100	4,225	100	19,098	100	222,102	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	34	12	1,131	26	3,573	21	46,767	22	2.4	2.1 ***	.29	2.2 **	.16	2.2 ***	.19
		2	Sometimes	149	50	1,893	45	8,943	45	102,905	46							
		3	Often	78	26	805	19	4,487	23	48,989	21							
		4	Very often	36	12	409	10	2,211	11	24,376	11							
		Total		297	100	4,238	100	19,214	100	223,037	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	145	49	2,416	57	9,502	52	113,946	52	1.7	1.7	.10	1.7	.00	1.7	.02
		2	Sometimes	94	33	1,116	27	5,936	29	66,852	29							
		3	Often	40	12	452	11	2,415	12	27,266	12							
		4	Very often	16	6	229	6	1,293	7	14,034	6							
		Total		295	100	4,213	100	19,146	100	222,098	100							

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	95	31	1,507	36	5,773	32	68,802	32	2.0	1.9	.05	2.0	-.03	2.0	-.02
		2	Sometimes	134	47	1,740	41	8,314	42	96,160	42							
		3	Often	49	17	687	16	3,559	18	39,758	18							
		4	Very often	18	6	271	7	1,472	8	17,065	8							
		Total		296	100	4,205	100	19,118	100	221,785	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	77	24	1,201	28	4,336	24	52,931	25	2.2	2.1	.09	2.1	.00	2.1	.03
		2	Sometimes	129	46	1,865	44	8,929	46	104,068	46							
		3	Often	66	23	790	19	4,067	21	44,702	20							
		4	Very often	25	8	328	8	1,703	9	19,283	9							
		Total		297	100	4,184	100	19,035	100	220,984	100							
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	8	2	172	4	748	4	8,818	4	2.9	3.0	-.07	2.9	-.05	3.0	-.07
		2	Some	81	31	988	24	4,648	25	54,778	25							
		3	Quite a bit	134	43	1,845	44	8,236	43	95,548	43							
		4	Very much	75	25	1,198	28	5,481	28	62,729	28							
		Total		298	100	4,203	100	19,113	100	221,873	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	13	3	153	4	638	4	7,231	4	2.9	2.9	-.08	2.9	-.10	3.0 **	-.15
		2	Some	67	24	1,065	26	4,652	25	49,843	23							
		3	Quite a bit	162	56	1,843	44	8,447	44	98,553	44							
		4	Very much	54	17	1,122	27	5,267	27	65,171	29							
		Total		296	100	4,183	100	19,004	100	220,798	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	13	4	155	4	755	4	7,966	4	2.9	3.0	-.06	3.0	-.03	3.0	-.06
		2	Some	74	23	996	24	4,534	24	50,762	24							
		3	Quite a bit	139	48	1,755	42	8,146	43	93,765	42							
		4	Very much	69	25	1,255	30	5,487	28	67,419	30							
		Total		295	100	4,161	100	18,922	100	219,912	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	8	2	154	4	781	4	8,940	4	2.9	3.0	-.11	2.9	-.04	2.9	-.04
		2	Some	84	29	975	23	4,831	26	55,165	26							
		3	Quite a bit	140	48	1,829	44	8,214	43	95,248	43							
		4	Very much	63	21	1,200	29	5,089	27	60,588	27							
		Total		295	100	4,158	100	18,915	100	219,941	100							

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	11	4	171	4	880	5	10,060	5	2.9	3.0 *	-12	2.9	-.05	2.9	-.06
		2	Some	78	27	1,007	24	5,024	27	56,524	26							
		3	Quite a bit	145	48	1,786	43	7,984	42	93,082	42							
		4	Very much	60	20	1,189	28	4,982	26	59,747	27							
		Total		294	100	4,153	100	18,870	100	219,413	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	8	3	74	2	330	2	3,905	2	3.1	3.2 *	-13	3.2 *	-.14	3.2 *	-.13
		2	Some	60	20	691	17	3,174	17	36,454	17							
		3	Quite a bit	136	47	1,875	44	8,607	44	99,451	44							
		4	Very much	93	31	1,558	37	6,971	37	81,708	37							
		Total		297	100	4,198	100	19,082	100	221,518	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	4	1	108	3	459	3	5,095	3	2.9	3.1 ***	-18	3.1 ***	-.22	3.1 ***	-.23
		2	Some	71	24	784	20	3,489	18	38,548	18							
		3	Quite a bit	164	56	1,941	45	8,780	45	101,423	45							
		4	Very much	58	19	1,355	32	6,310	34	75,828	34							
		Total		297	100	4,188	100	19,038	100	220,894	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	8	3	135	3	557	3	6,197	3	2.9	3.1 **	-17	3.1 **	-19	3.1 ***	-.20
		2	Some	79	27	804	20	3,646	19	41,928	20							
		3	Quite a bit	129	43	1,728	41	8,014	41	90,793	41							
		4	Very much	79	27	1,516	35	6,766	36	81,405	37							
		Total		295	100	4,183	100	18,983	100	220,323	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	19	6	267	6	1,289	7	16,093	8	2.8	2.9	-11	2.9	-.08	2.9	-.04
		2	Some	95	32	1,115	26	5,007	26	59,234	27							
		3	Quite a bit	104	38	1,506	37	6,928	36	79,139	35							
		4	Very much	75	25	1,278	31	5,747	31	65,763	29							
		Total		293	100	4,166	100	18,971	100	220,229	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	24	9	328	8	1,325	7	16,989	8	2.7	2.8	-11	2.8 *	-14	2.8	-.09
		2	Some	95	30	1,207	28	5,356	28	63,346	29							
		3	Quite a bit	119	41	1,558	38	7,217	37	82,391	37							
		4	Very much	53	20	1,072	26	4,985	27	56,593	26							
		Total		291	100	4,165	100	18,883	100	219,319	100							

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Your first-year students compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
6. During the current school year, about how often have you done the following?																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	34	11	567	13	2,804	15	31,751	14	2.5	2.6	-0.02	2.5	.03	2.6	-0.02
		2	Sometimes	114	37	1,535	36	6,984	36	78,486	35							
		3	Often	111	39	1,394	34	6,235	33	73,384	34							
		4	Very often	35	13	690	17	3,035	16	37,417	18							
		Total		294	100	4,186	100	19,058	100	221,038	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	49	16	928	22	4,461	23	50,266	22	2.3	2.3	.05	2.2	.10	2.3	.06
		2	Sometimes	138	47	1,681	40	7,803	40	88,513	40							
		3	Often	73	25	1,075	26	4,670	25	56,204	26							
		4	Very often	33	12	486	12	2,073	11	25,564	12							
		Total		293	100	4,170	100	19,007	100	220,547	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	56	17	934	22	4,488	24	48,456	22	2.2	2.3	-0.04	2.2	.04	2.3	-0.03
		2	Sometimes	140	49	1,705	41	7,934	41	90,651	41							
		3	Often	74	25	1,061	26	4,669	25	57,243	26							
		4	Very often	22	8	452	12	1,837	10	23,215	11							
		Total		292	100	4,152	100	18,928	100	219,565	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 <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	5	1	132	3	760	5	8,198	5	7.4	6.7	.11	7.0	.06	6.8	.09
		1.5	1-2	53	18	718	18	3,280	20	36,828	19							
		4	3-5	87	32	1,317	35	5,279	30	62,769	32							
		8	6-10	70	25	967	26	4,291	24	51,857	25							
		13	11-15	32	13	380	10	1,959	11	22,464	10							
		18	16-20	15	6	140	4	959	5	10,270	5							
		23	More than 20	13	5	156	4	1,001	6	10,580	5							
		Total		275	100	3,810	100	17,529	100	202,966	100							
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	64	24	1,102	30	5,464	34	61,083	33	2.0	2.3	-0.09	2.1	-0.01	2.1	-0.02
		1.5	1-2	144	52	1,553	41	7,322	41	83,978	41							
		4	3-5	43	16	721	19	2,987	17	36,648	18							
		8	6-10	15	5	246	7	922	6	11,331	6							
		13	11-15	4	1	46	1	216	1	2,429	1							
		18	16-20	0	0	15	0	61	0	729	0							
		23	More than 20	0	0	17	1	60	0	717	0							

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

NSSE 2014 Frequencies and Statistical Comparisons Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Your first-year students compared with															
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
		Total		270	100	3,700	100	17,032	100	196,915	100								

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description		Variable name ^c		Values ^d		Response options		Your first-year students compared with															
								CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014	
								Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. 11 pages or more		wrlongnum	0	None	210	82	2,677	74	12,589	76	144,149	76	.6	▽	1.0 **	-0.14	▽	.8 *	-0.10	▽	.8 *	-0.10	
		(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	32	13	650	18	3,045	18	35,394	17											
			4	3-5	5	2	118	4	476	3	5,679	3											
			8	6-10	4	2	65	2	188	1	2,453	1											
			13	11-15	3	1	39	1	115	1	1,491	1											
			18	16-20	0	0	14	0	58	0	662	0											
	23	More than 20	0	0	24	1	91	1	935	1													
		Total			254	100	3,587	100	16,562	100	190,763	100											
Estimated number of assigned pages of student writing.		wrpages											46.2		50.5	-0.07		47.1	-0.02		47.0	-0.01	
					(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																		
8. During the current school year, about how often have you had discussions with people from the following groups?																							
a. People of a race or ethnicity other than your own		DDrace	1	Never	17	6	147	4	959	6	9,630	5	2.9	▽	3.2 ***	-0.29	▽	3.0	-0.11	▽	3.1 **	-0.19	
			2	Sometimes	85	31	798	21	4,680	26	48,511	23											
			3	Often	87	29	1,187	30	5,156	29	60,311	29											
			4	Very often	92	34	1,774	45	7,064	39	88,140	42											
				Total	281	100	3,906	100	17,859	100	206,592	100											
b. People from an economic background other than your own		DDeconomic	1	Never	13	5	163	4	808	5	8,771	5	3.0	▽	3.1 *	-0.15	▽	3.0	-0.07	▽	3.1 *	-0.12	
			2	Sometimes	74	26	795	21	4,077	23	44,534	22											
			3	Often	98	34	1,339	35	6,094	34	69,405	34											
			4	Very often	95	34	1,596	40	6,839	38	83,327	40											
				Total	280	100	3,893	100	17,818	100	206,037	100											
c. People with religious beliefs other than your own		DDreligion	1	Never	15	6	250	7	1,063	7	13,063	7	2.9	3.0	-0.10	3.0	-0.07	3.0	-0.09				
			2	Sometimes	85	31	892	24	4,538	25	51,113	25											
			3	Often	85	28	1,171	30	5,479	30	60,856	30											
			4	Very often	95	35	1,568	39	6,692	37	80,483	39											
				Total	280	100	3,881	100	17,772	100	205,515	100											
d. People with political views other than your own		DDpolitical	1	Never	16	6	325	9	1,150	7	12,999	7	2.9	2.9	-0.03	3.0	-0.11	▽	3.0 *	-0.14			
			2	Sometimes	90	33	1,061	28	4,485	25	51,747	25											
			3	Often	89	31	1,133	30	5,724	32	63,713	31											
			4	Very often	82	30	1,337	34	6,363	36	76,305	38											
				Total																			

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

NSSE 2014 Frequencies and Statistical Comparisons Central Washington University

First-Year Students

			Frequency Distributions ^a								Statistical Comparisons ^b						
			CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		<i>Your first-year students compared with</i>				
Item wording or description	Variable name ^c	Values ^d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
		Total	277	100	3,856	100	17,722	100	204,764	100							

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	3	1	71	2	243	2	2,856	2	3.0	3.1	-0.09	3.1 *	-0.14	3.2 **	-0.15	
		2	Sometimes	55	20	693	18	3,178	18	35,134	18								
		3	Often	140	52	1,722	45	7,825	44	88,323	43								
		4	Very often	81	26	1,394	34	6,531	36	78,987	37								
		Total		279	100	3,880	100	17,777	100	205,300	100								
b. Reviewed your notes after class	LSnotes	1	Never	12	5	192	5	871	5	9,821	5	2.8	2.9	-0.08	3.0 *	-0.13	2.9	-0.09	
		2	Sometimes	79	29	1,101	29	4,997	28	60,539	30								
		3	Often	116	43	1,336	35	5,919	34	68,133	33								
		4	Very often	73	23	1,233	31	5,944	34	66,187	32								
		Total		280	100	3,862	100	17,731	100	204,680	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	26	9	295	8	1,105	6	12,730	7	2.7	2.8	-0.11	2.8 **	-0.20	2.8 **	-0.19	
		2	Sometimes	90	34	1,221	32	5,374	30	61,492	31								
		3	Often	104	40	1,358	35	6,286	36	72,043	36								
		4	Very often	55	18	955	25	4,760	28	56,160	27								
		Total		275	100	3,829	100	17,525	100	202,425	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	1	0	16	1	80	1	791	0	5.4	5.4	-0.06	5.6 **	-0.16	5.6 **	-0.16	
		2		3	1	51	2	168	1	1,905	1								
		3		10	4	119	3	468	3	5,623	3								
		4		31	12	425	11	1,652	10	19,177	10								
		5		103	36	1,327	34	5,700	32	63,737	31								
		6		85	31	1,172	30	5,826	32	67,370	32								
		7	Very much	47	15	752	20	3,792	22	45,917	22								
		Total		280	100	3,862	100	17,686	100	204,520	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		40	15	496	13	1,941	13	21,229	11	4%	8% *	-0.17	9% *	-0.18	9% *	-0.17	
		Do not plan to do		17	8	152	4	806	6	8,501	5								
		Plan to do		208	73	2,896	75	13,435	72	157,393	76								
		Done or in progress		14	4	310	8	1,519	9	17,413	9								
		Total		279	100	3,854	100	17,701	100	204,536	100								

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	86	32	1,149	29	5,031	29	55,826	27	11%	10%	.02	11%	-.02	12%	-.04
			Do not plan to do	95	33	1,122	29	4,443	28	46,671	24							
			Plan to do	65	25	1,185	32	6,100	32	76,938	36							
			Done or in progress	33	11	383	10	2,072	11	24,421	12							
			Total	279	100	3,839	100	17,646	100	203,856	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	79	28	1,261	33	5,937	34	64,988	31	19%	14% *	.12	13% **	.16	15%	.10
			Do not plan to do	89	33	961	24	4,804	28	56,756	28							
			Plan to do	59	20	1,069	29	4,527	25	51,498	25							
			Done or in progress	51	19	545	14	2,349	13	30,151	15							
			Total	278	100	3,836	100	17,617	100	203,393	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	94	33	1,140	30	5,037	29	54,665	27	1%	3%	-.13	3% *	-.16	4% *	-.16
			Do not plan to do	81	31	891	26	4,757	30	51,689	27							
			Plan to do	100	35	1,693	41	7,220	38	90,034	42							
			Done or in progress	3	1	109	3	574	3	6,959	4							
			Total	278	100	3,833	100	17,588	100	203,347	100							
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	103	36	1,531	40	6,974	40	76,560	38	2%	4%	-.09	5% *	-.14	5% *	-.16
			Do not plan to do	82	28	806	21	4,213	24	46,068	23							
			Plan to do	85	33	1,309	35	5,472	31	68,946	34							
			Done or in progress	8	2	154	4	846	5	10,801	5							
			Total	278	100	3,800	100	17,505	100	202,375	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	77	27	1,264	33	5,486	32	61,517	31	3%	3%	.01	3%	.00	3%	-.01
			Do not plan to do	25	10	325	9	1,638	10	18,258	10							
			Plan to do	168	60	2,138	56	9,950	55	117,392	56							
			Done or in progress	8	3	91	3	440	3	5,317	3							
			Total	278	100	3,818	100	17,514	100	202,484	100							

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

servcourse	1	2	3	4	None	Some	Most	All	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e					
	168	94	12	3	60	33	6	1	1,724	45	7,585	45	96,018	49	1.5	1.7 ***	-.27	1.6 ***	-.26	1.6 **	-.20
	94	12	3		33	6		1,746	46	8,488	47	90,760	44								
	12	3			6			291	8	1,194	7	12,942	6								
	3				1			51	1	220	1	2,175	1								

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

NSSE 2014 Frequencies and Statistical Comparisons Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Your first-year students compared with											
				CWU				NSSE 2013 & 2014				CWU			
				Far West Public		Carnegie Class		Far West Public		Carnegie Class		NSSE 2013 & 2014		NSSE 2013 & 2014	
		Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
		Total		277	100	3,812	100	17,487	100	201,895	100				

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Item wording or description				Frequency Distributions ^a								Statistical Comparisons ^b									
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Your first-year students compared with							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
Variable name ^c	Values ^d	Response options																			
13. Indicate the quality of your interactions with the following people at your institution.																					
a. Students																					
QIstudent		1	Poor	6	3	61	2	252	2	2,876	2	5.3	▽	5.5 *	-0.16	▽	5.6 ***	-0.21	▽	5.6 ***	-0.21
		2		6	2	82	2	323	2	3,937	2										
		3		13	4	172	4	759	4	8,502	4										
		4		41	15	407	11	1,758	10	19,110	10										
		5		73	25	925	23	3,922	22	45,106	22										
		6		87	32	1,144	29	5,240	29	61,014	29										
		7	Excellent	51	18	1,047	27	5,309	30	62,440	30										
		—	Not applicable	1	0	19	1	107	1	1,188	1										
			Total	278	100	3,857	100	17,670	100	204,173	100										
b. Academic advisors																					
QIadvisor		1	Poor	3	1	200	5	688	4	7,982	4	5.4	△	4.9 ***	.27	5.2	.12	5.1 *	.15		
		2		11	5	230	6	845	5	10,715	5										
		3		21	7	338	9	1,370	8	16,483	8										
		4		49	17	524	14	2,323	13	27,245	13										
		5		48	16	759	20	3,445	19	39,651	19										
		6		63	23	792	21	3,910	21	44,284	21										
		7	Excellent	80	31	747	20	4,712	27	52,860	26										
		—	Not applicable	1	0	255	6	335	3	4,494	2										
			Total	276	100	3,845	100	17,628	100	203,714	100										
c. Faculty																					
QIfaculty		1	Poor	2	1	104	3	319	2	3,736	2	5.2	△	5.1 *	.12	5.3	-0.07	5.3	-0.02		
		2		8	2	157	4	512	3	6,238	3										
		3		21	7	283	8	977	6	12,423	6										
		4		39	13	578	15	2,296	13	26,331	13										
		5		72	28	941	24	4,153	23	48,920	24										
		6		91	32	1,024	26	5,243	29	58,590	28										
		7	Excellent	41	15	679	17	3,916	23	44,588	22										
		—	Not applicable	0	0	57	2	150	1	1,776	1										
			Total	274	100	3,823	100	17,566	100	202,602	100										

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a						Statistical Comparisons ^b								
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Your first-year students compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	10	4	233	6	754	5	9,001	5	4.8	4.8	.02	5.0	-.08	4.9	-.06
		2		21	7	215	6	864	5	9,588	5							
		3		29	11	289	7	1,302	7	14,969	7							
		4		38	15	537	14	2,285	13	27,391	13							
		5		69	22	789	20	3,675	20	41,861	20							
		6		60	22	811	21	3,916	21	44,444	21							
		7	Excellent	40	16	627	16	3,321	19	37,465	18							
		—	Not applicable	11	4	327	9	1,421	10	18,246	10							
	Total			278	100	3,828	100	17,538	100	202,965	100							
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	14	5	220	6	824	5	9,839	5	4.8	4.7	.01	4.9	-.09	4.8	-.04
		2		22	8	221	6	1,006	6	11,895	6							
		3		21	8	340	9	1,455	8	16,937	8							
		4		37	13	595	16	2,514	14	29,678	15							
		5		72	24	806	21	3,664	21	42,124	21							
		6		62	22	771	20	3,932	22	43,027	21							
		7	Excellent	39	15	612	16	3,366	20	36,589	18							
		—	Not applicable	9	3	264	7	790	5	12,951	7							
	Total			276	100	3,829	100	17,551	100	203,040	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	5	1	70	2	226	2	2,801	2	3.0	3.2 **	-0.18	3.2 ***	-0.22	3.2 ***	-0.25
		2	Some	56	24	569	16	2,377	16	26,509	15							
		3	Quite a bit	135	47	1,581	44	7,552	46	84,207	44							
		4	Very much	74	28	1,333	37	6,391	37	77,617	39							
			Total			270	100	3,553	100	16,546	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	8	4	116	4	537	4	6,063	4	3.0	3.1	-0.08	3.1	-0.09	3.1	-0.11
		2	Some	54	21	645	19	2,882	19	33,272	19							
		3	Quite a bit	121	44	1,460	42	6,651	40	75,895	40							
		4	Very much	85	31	1,305	35	6,378	37	74,828	38							
			Total			268	100	3,526	100	16,448	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	13	6	142	4	786	6	9,444	5	3.0	3.1 *	-0.13	3.1	-0.11	3.1	-0.12
		2	Some	48	20	593	17	2,651	17	30,576	17							
		3	Quite a bit	105	38	1,283	37	5,872	36	67,623	36							
		4	Very much	99	36	1,519	41	7,148	42	82,470	42							
			Total															

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

NSSE 2014 Frequencies and Statistical Comparisons Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Your first-year students compared with													
				Frequency Distributions ^a				Statistical Comparisons ^b									
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Far West Public		Carnegie Class	
Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
	Total			265	100	3,537	100	16,457	100	190,113	100						

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	32	13	365	11	1,796	12	21,315	12	2.6	2.8 ***	-0.26	2.7 *	-0.15	2.7 **	-0.17
		2	Some	92	35	903	26	4,951	30	54,849	29							
		3	Quite a bit	94	34	1,180	34	5,371	32	62,250	33							
		4	Very much	50	18	1,084	30	4,366	26	52,024	27							
		Total	268	100	3,532	100	16,484	100	190,438	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	11	5	191	6	807	6	9,807	6	2.9	3.0	-0.10	3.0 *	-0.13	3.0 **	-0.16
		2	Some	76	28	806	23	3,520	23	38,974	21							
		3	Quite a bit	109	42	1,348	38	6,304	38	72,124	38							
		4	Very much	72	25	1,186	32	5,846	34	69,308	35							
		Total	268	100	3,531	100	16,477	100	190,213	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	14	5	209	7	983	7	11,280	7	3.0	3.0	.01	2.9	.03	3.0	-0.03
		2	Some	54	21	755	22	3,563	23	39,089	21							
		3	Quite a bit	120	45	1,342	39	6,353	38	72,064	38							
		4	Very much	78	29	1,208	32	5,497	32	66,884	34							
		Total	266	100	3,514	100	16,396	100	189,317	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	55	21	681	20	3,236	21	36,994	21	2.3	2.4	-0.07	2.4	-0.03	2.4	-0.05
		2	Some	93	34	1,202	34	5,851	35	66,644	35							
		3	Quite a bit	89	34	1,040	29	4,663	28	53,869	28							
		4	Very much	31	11	597	17	2,635	16	31,659	16							
		Total	268	100	3,520	100	16,385	100	189,166	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	21	9	338	11	1,129	9	14,267	8	2.8	2.8	.01	2.9 *	-0.13	2.9 *	-0.15
		2	Some	77	29	963	28	3,827	24	42,816	23							
		3	Quite a bit	106	39	1,269	36	6,234	37	70,755	37							
		4	Very much	63	23	934	25	5,152	30	60,973	31							
		Total	267	100	3,504	100	16,342	100	188,811	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	46	19	529	16	2,119	15	24,970	14	2.4	2.5 *	-0.13	2.6 **	-0.18	2.6 **	-0.19
		2	Some	94	35	1,169	34	5,343	33	59,734	32							
		3	Quite a bit	84	31	1,060	30	5,404	32	62,290	32							
		4	Very much	43	15	741	20	3,472	20	41,362	21							
		Total	267	100	3,499	100	16,338	100	188,356	100								

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b											
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with											
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e					
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	1	0	12	0	62	0	779	1	11.2	▽	13.2 ***	-0.25	▽	13.7 ***	-0.31	▽	14.3 ***	-0.37		
	(Recorded version of tmprephrs created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	64	24	553	16	2,349	16	24,778	14												
		8	6-10 hrs	80	31	953	27	4,037	25	43,819	24												
		13	11-15 hrs	54	21	806	23	3,622	21	40,736	21												
		18	16-20 hrs	33	12	553	16	2,886	17	34,232	17												
		23	21-25 hrs	21	7	327	9	1,761	10	21,952	11												
		28	26-30 hrs	7	3	186	5	949	5	12,214	6												
		33	More than 30 hrs	6	2	126	4	794	5	11,436	6												
	Total			266	100	3,516	100	16,460	100	189,946	100												
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	99	37	1,510	44	5,194	36	57,602	33	4.1	▽	4.1	-0.01	▽	5.1 **	-0.15	▽	5.4 ***	-0.19		
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	101	39	1,128	31	5,763	33	66,003	33												
		8	6-10 hrs	39	14	443	13	2,531	15	30,749	16												
		13	11-15 hrs	13	4	208	6	1,341	8	16,236	8												
		18	16-20 hrs	6	3	113	3	828	5	9,567	5												
		23	21-25 hrs	2	1	36	1	357	2	4,519	2												
		28	26-30 hrs	1	1	19	1	162	1	1,858	1												
		33	More than 30 hrs	3	1	36	1	182	1	2,182	1												
	Total			264	100	3,493	100	16,358	100	188,716	100												
c. Working for pay on campus	tmworkonhrs	0	0 hrs	229	85	2,919	83	12,627	79	144,611	79	1.7	▽	2.1	-0.07	2.3	-0.11	▽	2.4 *	-0.12			
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	5	2	102	3	873	5	9,817	4												
		8	6-10 hrs	14	6	148	4	1,458	8	17,067	8												
		13	11-15 hrs	6	2	157	4	754	4	9,306	5												
		18	16-20 hrs	9	4	140	4	460	3	5,500	3												
		23	21-25 hrs	2	1	20	1	125	1	1,477	1												
		28	26-30 hrs	1	1	10	0	41	0	510	0												
		33	More than 30 hrs	0	0	13	0	74	1	1,221	1												
	Total			266	100	3,509	100	16,412	100	189,509	100												

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description		Variable name ^c		Values ^d		Response options		Your first-year students compared with														
								Frequency Distributions ^a				Statistical Comparisons ^b										
								CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014
Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	223	84	2,597	73	11,233	66	136,301	70	2.0	▼	4.1 ***	-.25	▼	6.2 ***	-.40	▼	5.0 ***	-.31	
	<i>(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)</i>		3	1-5 hrs	12	6	175	5	904	5	9,241											5
			8	6-10 hrs	10	4	163	5	889	5	9,183											5
			13	11-15 hrs	6	2	161	5	779	5	8,296											5
			18	16-20 hrs	2	1	146	4	840	5	8,462											5
			23	21-25 hrs	6	2	124	4	604	4	5,697											3
			28	26-30 hrs	3	2	59	2	353	2	3,427											2
			33	More than 30 hrs	4	1	83	3	743	7	8,001											5
			Total		266	100	3,508	100	16,345	100	188,608											100
	Estimated number of hours working for pay	tmworkhrs	<i>(Continuous variable created by NSSE)</i>								3.8											▼
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	166	64	2,145	62	9,176	57	104,595	57	1.9	▼	2.3	-.08	▼	2.3	-.10	▼	2.4	-.10	
	<i>(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)</i>		3	1-5 hrs	76	27	917	26	5,435	32	63,002											32
			8	6-10 hrs	10	4	238	7	917	6	10,837											6
			13	11-15 hrs	5	3	84	3	347	2	4,399											2
			18	16-20 hrs	4	1	44	1	196	1	2,429											1
			23	21-25 hrs	0	0	22	1	102	1	1,073											1
			28	26-30 hrs	1	1	9	0	29	0	408											0
		33	More than 30 hrs	0	0	14	0	54	0	621	0											
		Total		262	100	3,473	100	16,256	100	187,364	100											
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	4	1	58	2	250	2	3,008	2	14.7	▲	12.8 **	.22	▲	12.3 ***	.28	▲	12.6 ***	.25	
	<i>(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)</i>		3	1-5 hrs	54	21	742	22	3,428	22	39,245											21
			8	6-10 hrs	66	25	906	26	4,446	27	50,910											26
			13	11-15 hrs	30	10	666	19	3,234	19	38,067											20
			18	16-20 hrs	38	13	431	12	2,140	13	25,335											13
			23	21-25 hrs	24	9	288	8	1,239	7	13,773											7
			28	26-30 hrs	14	6	132	4	537	3	6,552											4
		33	More than 30 hrs	33	14	260	7	1,027	6	11,202	6											
		Total		263	100	3,483	100	16,301	100	188,092	100											

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

		Your first-year students compared with																	
		CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014			
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	227	86	2,561	72	12,365	72	144,065	75	1.2	2.7 ***	-0.24	3.6 ***	-0.28	3.0 ***	-0.24	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	18	8	442	13	1,792	11	19,326	11								
	8	6-10 hrs	9	3	179	6	713	5	7,755	5									
	13	11-15 hrs	1	0	106	3	368	3	4,543	3									
	18	16-20 hrs	2	1	65	2	264	2	3,002	2									
	23	21-25 hrs	0	0	34	1	136	1	1,648	1									
	28	26-30 hrs	2	1	14	0	94	1	1,019	1									
	33	More than 30 hrs	3	1	64	2	544	5	6,357	4									
	Total			262	100	3,465	100	16,276	100	187,715	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	121	47	1,213	33	7,699	43	85,462	41	2.8	4.2 ***	-0.26	3.4 *	-0.12	3.7 **	-0.17	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	106	41	1,494	42	6,000	39	69,120	39								
	8	6-10 hrs	24	7	457	14	1,472	10	19,759	12									
	13	11-15 hrs	4	1	174	5	523	4	6,963	4									
	18	16-20 hrs	3	1	84	3	274	2	3,244	2									
	23	21-25 hrs	1	0	27	1	134	1	1,547	1									
	28	26-30 hrs	2	1	22	1	68	0	738	0									
	33	More than 30 hrs	1	0	24	1	145	1	1,592	1									
	Total			262	100	3,495	100	16,315	100	188,425	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	21	8	209	7	968	9	11,124	10	2.9	3.0 *	-0.13	2.9	.01	2.9	.04	
	(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)	2	Some	73	30	763	26	3,081	30	34,206	31								
	3	About half	85	34	978	31	3,423	32	34,956	30									
	4	Most	63	21	831	26	2,391	21	26,241	21									
	5	Almost all	20	7	314	9	915	8	9,784	8									
	Total		262	100	3,095	100	10,778	100	116,311	100									
	tmreadinghrs											5.4	6.8 ***	-0.25	6.7 ***	-0.21	6.8 ***	-0.24	
	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																		

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b					
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
	tmreadinghrscol	1	0 hrs	1	0	12	1	41	0	459	0						
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	146	58	1,375	46	5,118	50	53,123	49						
		3	More than 5, up to 10 hrs	69	26	1,040	34	3,228	29	35,170	30						
		4	More than 10, up to 15 hrs	30	10	350	10	1,207	10	13,225	10						
		5	More than 15, up to 20 hrs	12	4	144	5	593	5	7,096	5						
		6	More than 20, up to 25 hrs	3	1	102	3	393	4	4,785	4						
		7	More than 25 hrs	1	0	45	1	147	1	1,834	1						
			Total			262	100	3,068	100	10,727	100	115,692	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	14	5	245	7	1,078	7	13,670	8	2.9	2.9	-0.4	2.9	-0.1	2.9	.02
		2	Some	69	25	831	23	4,133	25	47,123	25							
		3	Quite a bit	118	45	1,404	40	6,671	40	75,832	40							
		4	Very much	63	24	1,024	29	4,502	28	52,549	27							
		Total		264	100	3,504	100	16,384	100	189,174	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	43	17	338	9	1,603	10	21,135	12	2.4	2.8 ***	-0.37	2.7 ***	-0.29	2.7 ***	-0.25
		2	Some	96	34	949	27	4,862	29	56,759	30							
		3	Quite a bit	91	36	1,334	39	6,230	38	68,976	36							
		4	Very much	33	13	876	25	3,639	23	41,690	22							
		Total		263	100	3,497	100	16,334	100	188,560	100							
c. Thinking critically and analytically	pgthink	1	Very little	9	4	103	3	542	4	6,135	4	3.0	3.1	-0.08	3.1	-0.06	3.1	-0.06
		2	Some	51	18	654	19	3,005	19	34,592	19							
		3	Quite a bit	127	49	1,475	42	7,127	43	79,944	42							
		4	Very much	76	29	1,260	36	5,656	35	67,843	35							
		Total		263	100	3,492	100	16,330	100	188,514	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	37	14	434	12	2,504	15	28,369	14	2.5	2.7 *	-0.15	2.6	-0.02	2.6	-0.07
		2	Some	90	33	1,094	31	5,361	33	59,405	31							
		3	Quite a bit	93	37	1,208	35	5,372	33	61,879	33							
		4	Very much	43	16	766	22	3,094	19	38,772	21							
		Total		263	100	3,492	100	16,330	100	188,514	100							

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

NSSE 2014 Frequencies and Statistical Comparisons Central Washington University

First-Year Students

			Frequency Distributions ^a								Statistical Comparisons ^b						
			CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014
Item wording or description	Variable name ^c	Values ^d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
		Total	263	100	3,502	100	16,331	100	188,425	100							

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

			Frequency Distributions ^a								Statistical Comparisons ^b							
			CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Your first-year students compared with					
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	53	21	651	19	2,177	14	25,182	14	2.4	2.5	-0.05	2.6 ***	-0.22	2.6 ***	-0.21
		2	Some	92	34	1,175	34	5,086	31	58,335	31							
		3	Quite a bit	72	27	1,077	31	5,473	33	62,900	33							
		4	Very much	46	18	589	17	3,598	22	42,147	22							
		Total	263	100	3,492	100	16,334	100	188,564	100								
f. Working effectively with others	pgothers	1	Very little	19	8	248	7	1,071	7	12,871	8	2.7	2.9 **	-0.20	2.8 **	-0.16	2.8 *	-0.15
		2	Some	84	32	927	26	4,423	27	50,506	28							
		3	Quite a bit	106	40	1,345	38	6,448	39	74,188	39							
		4	Very much	53	19	972	28	4,363	26	50,596	26							
		Total	262	100	3,492	100	16,305	100	188,161	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	33	13	415	13	1,818	12	22,179	13	2.6	2.7	-0.10	2.7	-0.09	2.7	-0.09
		2	Some	89	33	1,008	29	4,764	29	52,216	28							
		3	Quite a bit	90	34	1,220	35	5,725	34	65,026	34							
		4	Very much	51	20	851	24	3,968	24	48,846	24							
		Total	263	100	3,494	100	16,275	100	188,267	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	30	12	305	9	1,774	11	20,596	12	2.7	2.9 **	-0.18	2.7	-0.04	2.7	-0.05
		2	Some	84	31	903	26	4,920	30	54,124	29							
		3	Quite a bit	88	33	1,247	36	5,591	34	64,783	34							
		4	Very much	59	24	1,037	29	4,027	25	48,949	25							
		Total	261	100	3,492	100	16,312	100	188,452	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	39	13	448	13	2,068	13	23,412	13	2.6	2.6	-0.05	2.6	-0.02	2.6	-0.05
		2	Some	88	35	1,177	34	5,570	34	61,803	33							
		3	Quite a bit	91	35	1,146	32	5,543	33	63,976	34							
		4	Very much	45	17	723	21	3,100	19	38,973	20							
		Total	263	100	3,494	100	16,281	100	188,164	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	33	13	449	13	2,049	13	23,697	13	2.5	2.6	-0.09	2.6	-0.09	2.6	-0.09
		2	Some	96	36	1,102	32	5,326	32	59,281	32							
		3	Quite a bit	91	36	1,156	33	5,469	33	63,536	34							
		4	Very much	42	15	770	22	3,378	21	40,925	21							
		Total	262	100	3,477	100	16,222	100	187,439	100								

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Item wording or description				Frequency Distributions ^a								Statistical Comparisons ^b						
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Your first-year students compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
Variable name ^c	Values ^d	Response options																
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	2	1	52	2	255	2	2,835	2	3.2	3.1	.10	3.2	-.05	3.2	-.08
		2	Fair	39	14	463	15	1,806	12	19,979	11							
		3	Good	133	51	1,951	55	8,194	50	90,514	49							
		4	Excellent	88	34	1,054	28	6,120	36	75,923	38							
		Total		262	100	3,520	100	16,375	100	189,251	100							
19. If you could start over again, would you go to the same institution you are now attending?																		
	sameinst	1	Definitely no	11	5	123	4	650	4	6,622	4	3.2	3.1	.08	3.2	-.05	3.2	-.10
		2	Probably no	30	10	570	17	2,028	12	22,099	12							
		3	Probably yes	123	50	1,566	45	6,873	43	75,615	41							
		4	Definitely yes	97	35	1,260	34	6,851	41	85,030	43							
		Total		261	100	3,519	100	16,402	100	189,366	100							

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

Seniors

			Frequency Distributions ^a								Statistical Comparisons ^b						
			CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Your seniors compared with				
Item wording or description	Variable name ^c	Values ^d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
1. During the current school year, about how often have you done the following?																	
a. Asked questions or contributed to course discussions in other ways	askquest	1 Never	9	2	257	3	441	2	7,258	2	3.3	3.1 ***	.25	3.3	.03	3.2 *	.13
		2 Sometimes	59	16	2,422	27	5,392	19	73,330	22							
		3 Often	113	33	2,857	31	8,908	32	104,503	31							
		4 Very often	167	48	3,797	39	13,390	48	151,248	44							
		Total	348	100	9,333	100	28,131	100	336,339	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1 Never	58	17	1,639	19	5,070	18	67,279	20	2.7	2.5 ***	.21	2.5 *	.14	2.5 ***	.21
		2 Sometimes	100	29	3,341	37	9,658	34	116,654	34							
		3 Often	80	22	2,407	25	7,333	26	84,309	25							
		4 Very often	106	31	1,907	20	5,944	22	66,614	20							
		Total	344	100	9,294	100	28,005	100	334,856	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1 Very often	27	9	589	6	1,426	5	19,308	6	3.0	2.9	.07	3.1 *	-.13	3.0	-.04
		2 Often	42	13	1,399	16	3,269	11	44,346	14							
		3 Sometimes	180	50	5,418	58	15,496	55	184,381	55							
		4 Never	95	28	1,868	20	7,739	29	85,944	25							
		Total	344	100	9,274	100	27,930	100	333,979	100							
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1 Never	146	42	3,833	43	11,113	41	134,767	42	1.9	1.8	.11	1.9	.03	1.9	.06
		2 Sometimes	122	35	3,573	38	10,388	36	124,601	37							
		3 Often	34	9	1,144	12	3,798	13	44,763	13							
		4 Very often	44	13	704	7	2,602	9	29,349	8							
		Total	346	100	9,254	100	27,901	100	333,480	100							
e. Asked another student to help you understand course material	CLaskhelp	1 Never	40	13	879	10	3,541	14	45,279	14	2.5	2.5	-.09	2.4	.09	2.4	.07
		2 Sometimes	155	45	4,038	44	12,849	47	150,417	46							
		3 Often	92	26	2,779	30	7,671	26	90,586	27							
		4 Very often	55	16	1,534	17	3,774	13	46,859	14							
		Total	342	100	9,230	100	27,835	100	333,141	100							
f. Explained course material to one or more students	Clexplain	1 Never	13	4	263	3	1,331	5	17,848	5	2.9	2.8	.03	2.7 **	.17	2.7 **	.15
		2 Sometimes	112	32	3,052	34	9,924	37	117,910	37							
		3 Often	123	37	3,566	39	10,305	37	121,241	37							
		4 Very often	85	27	2,154	24	5,811	21	69,906	21							
		Total	333	100	9,035	100	27,371	100	326,905	100							

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		Your seniors compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	51	15	1,212	13	4,891	19	59,362	19	2.6	2.6	-0.03	2.4 *	.12	2.5	.10
		2	Sometimes	118	35	3,246	36	9,647	36	115,564	36							
		3	Often	89	28	2,586	29	7,408	26	87,819	26							
		4	Very often	77	22	2,010	22	5,441	19	64,369	19							
		Total		335	100	9,054	100	27,387	100	327,114	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	13	4	321	3	1,577	6	21,916	7	3.0	3.1	-0.04	2.8 ***	.21	2.9 **	.17
		2	Sometimes	85	24	2,214	24	8,142	31	95,733	29							
		3	Often	122	37	3,182	35	9,704	35	112,060	34							
		4	Very often	114	35	3,277	37	7,866	28	96,582	30							
		Total		334	100	8,994	100	27,289	100	326,291	100							
i. Gave a course presentation	present	1	Never	21	6	675	7	2,687	11	38,716	12	2.8	2.9	-0.05	2.7 *	.10	2.7 **	.16
		2	Sometimes	106	32	2,494	28	8,107	30	101,424	32							
		3	Often	111	33	2,975	33	9,046	33	103,227	31							
		4	Very often	93	28	2,841	32	7,365	26	81,724	25							
		Total		331	100	8,985	100	27,205	100	325,091	100							
2. During the current school year, about how often have you done the following?																		
a. Combined ideas from different courses when completing assignments	RIntegrate	1	Never	5	2	208	3	790	3	9,194	3	3.1	3.1	.06	3.0 *	.12	3.0 *	.12
		2	Sometimes	66	20	1,979	23	6,563	25	79,543	25							
		3	Often	147	43	3,531	40	10,665	39	126,037	39							
		4	Very often	113	35	3,173	35	8,894	33	106,674	33							
		Total		331	100	8,891	100	26,912	100	321,448	100							
b. Connected your learning to societal problems or issues	RSocietal	1	Never	12	4	479	6	1,365	6	17,521	6	3.0	2.9	.09	2.9	.10	2.9 *	.12
		2	Sometimes	93	28	2,378	28	7,688	29	92,739	30							
		3	Often	120	36	3,163	36	9,791	37	115,352	36							
		4	Very often	104	33	2,783	30	7,795	29	92,139	28							
		Total		329	100	8,803	100	26,639	100	317,751	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	27	9	901	12	2,317	9	31,035	11	2.7	2.7	.06	2.7	-0.01	2.7	.05
		2	Sometimes	105	33	2,891	34	8,816	33	106,430	34							
		3	Often	117	35	2,706	30	8,791	33	102,090	31							
		4	Very often	75	24	2,296	24	6,759	25	78,551	24							
		Total		324	100	8,794	100	26,683	100	318,106	100							

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		Your seniors compared with							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	17	5	389	5	1,023	4	13,283	4	2.9	2.9	.10	2.9	.05	2.9	.08	
		2	Sometimes	83	24	2,532	30	7,528	28	91,814	29								
		3	Often	141	44	3,532	40	11,121	42	130,101	41								
		4	Very often	86	28	2,323	25	6,943	26	82,455	26								
		Total		327	100	8,776	100	26,615	100	317,653	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	9	2	271	3	749	3	9,911	3	3.1	3.0 *	.11	3.0 *	.13	3.0 **	.15	
		2	Sometimes	65	20	2,096	25	6,667	25	82,428	26								
		3	Often	151	45	3,613	41	11,372	43	132,350	41								
		4	Very often	102	33	2,790	31	7,811	29	92,353	29								
		Total		327	100	8,770	100	26,599	100	317,042	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	6	2	181	2	511	2	6,186	2	3.0	3.0	-.05	3.0	-.01	3.0	-.01	
		2	Sometimes	98	29	2,188	26	7,143	28	85,644	28								
		3	Often	125	39	3,564	41	11,195	42	132,493	42								
		4	Very often	100	29	2,802	31	7,667	29	91,744	29								
		Total		329	100	8,735	100	26,516	100	316,067	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	1	0	96	1	230	1	3,009	1	3.3	3.3	.07	3.3	.06	3.3	.07	
		2	Sometimes	38	12	1,235	15	3,627	14	45,134	15								
		3	Often	139	44	3,417	40	11,105	42	130,966	42								
		4	Very often	144	44	3,947	43	11,424	43	135,515	42								
		Total		322	100	8,695	100	26,386	100	314,624	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	42	13	1,569	19	3,997	17	54,221	18	2.5	2.3 ***	.22	2.5	.06	2.4 *	.13	
		2	Sometimes	131	40	3,741	43	9,983	38	122,432	39								
		3	Often	85	26	2,063	23	7,023	26	79,236	24								
		4	Very often	67	21	1,333	14	5,498	20	59,931	18								
		Total		325	100	8,706	100	26,501	100	315,820	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	142	43	4,103	48	10,959	44	137,621	46	2.0	1.9	.10	2.0	.00	1.9	.04	
		2	Sometimes	91	28	2,501	29	7,754	29	90,287	28								
		3	Often	59	19	1,168	13	4,283	15	48,629	15								
		4	Very often	30	10	899	10	3,403	12	38,148	12								
		Total		322	100	8,671	100	26,399	100	314,685	100								

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		Your seniors compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	67	19	2,177	26	5,998	24	80,172	27	2.3	2.2	.11	2.2	.04	2.2	.10
		2	Sometimes	138	43	3,675	42	10,627	40	125,033	40							
		3	Often	90	28	1,748	20	6,043	22	67,800	21							
		4	Very often	30	10	1,058	12	3,709	14	41,406	13							
		Total		325	100	8,658	100	26,377	100	314,411	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	62	19	1,912	23	5,201	21	69,900	23	2.3	2.2	.07	2.3	-.02	2.2	.06
		2	Sometimes	145	44	3,924	45	11,396	43	137,967	44							
		3	Often	88	28	1,809	21	6,085	23	67,080	21							
		4	Very often	27	9	993	11	3,628	13	38,605	12							
		Total		322	100	8,638	100	26,310	100	313,552	100							
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	35	10	757	8	2,415	9	29,505	9	2.7	2.8	-.10	2.7	.00	2.7	-.03
		2	Some	107	33	2,548	29	8,348	32	98,024	31							
		3	Quite a bit	108	35	3,223	37	9,797	37	115,690	37							
		4	Very much	76	23	2,157	25	5,808	21	71,322	23							
		Total		326	100	8,685	100	26,368	100	314,541	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	7	2	233	3	626	3	8,182	3	3.1	3.1	-.01	3.2	-.03	3.1	-.02
		2	Some	61	19	1,576	18	4,326	17	53,420	17							
		3	Quite a bit	137	41	3,496	40	11,168	43	132,474	42							
		4	Very much	121	37	3,345	39	10,145	38	119,040	38							
		Total		326	100	8,650	100	26,265	100	313,116	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	6	2	294	4	766	3	10,166	3	3.1	3.1	-.02	3.1	.00	3.1	.00
		2	Some	61	18	1,563	18	4,922	19	58,236	19							
		3	Quite a bit	146	46	3,393	40	10,651	41	125,845	40							
		4	Very much	109	34	3,371	39	9,871	37	118,177	37							
		Total		322	100	8,621	100	26,210	100	312,424	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	9	2	427	5	1,058	4	14,965	5	3.0	3.0	.05	3.0	.00	3.0	.05
		2	Some	77	24	1,911	23	5,726	22	70,562	23							
		3	Quite a bit	138	42	3,429	40	10,893	41	125,900	40							
		4	Very much	100	31	2,851	32	8,553	32	101,030	32							
		Total		324	100	8,618	100	26,230	100	312,457	100							

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

Seniors

		Frequency Distributions ^a								Statistical Comparisons ^b									
		CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Your seniors compared with							
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	10	3	398	5	981	4	13,333	5	3.1	3.0	.06	3.0	.03	3.0	.06	
		2	Some	67	21	1,865	23	5,644	22	70,057	23								
		3	Quite a bit	147	46	3,460	40	10,950	42	127,876	41								
		4	Very much	101	31	2,889	33	8,574	32	100,391	32								
		Total		325	100	8,612	100	26,149	100	311,657	100								
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	9	3	160	2	459	2	5,862	2	3.2	3.2	-.02	3.2	-.08	3.2	-.05	
		2	Some	48	13	1,372	16	3,876	15	47,336	15								
		3	Quite a bit	153	48	3,765	43	11,254	42	134,476	42								
		4	Very much	117	36	3,385	38	10,827	41	127,026	40								
		Total		327	100	8,682	100	26,416	100	314,700	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	6	2	189	2	607	2	7,307	3	3.1	3.1	.05	3.2	-.05	3.2	-.02	
		2	Some	48	15	1,603	19	4,113	16	50,370	16								
		3	Quite a bit	161	51	3,905	45	11,707	44	139,093	44								
		4	Very much	110	32	2,956	34	9,893	38	117,034	37								
		Total		325	100	8,653	100	26,320	100	313,804	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	5	2	249	3	714	3	9,343	3	3.1	3.2	-.04	3.2	-.08	3.2	-.05	
		2	Some	66	20	1,484	18	4,266	17	53,265	17								
		3	Quite a bit	137	41	3,354	39	10,437	39	123,443	39								
		4	Very much	118	37	3,547	40	10,871	41	127,054	40								
		Total		326	100	8,634	100	26,288	100	313,105	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	45	13	854	11	2,229	9	31,442	11	2.7	2.8	-.08	2.9 ***	-.20	2.8	-.10	
		2	Some	89	27	2,437	29	6,678	25	84,665	28								
		3	Quite a bit	113	35	2,868	33	8,981	34	103,411	33								
		4	Very much	80	24	2,477	28	8,384	32	93,489	29								
		Total		327	100	8,636	100	26,272	100	313,007	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	22	6	651	8	1,498	6	19,925	7	2.9	2.8	.02	3.0 *	-.12	2.9	-.05	
		2	Some	88	26	2,310	27	6,255	24	78,919	26								
		3	Quite a bit	137	44	3,320	38	10,159	38	119,450	38								
		4	Very much	80	24	2,316	26	8,259	32	93,532	30								
		Total		327	100	8,597	100	26,171	100	311,826	100								

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

Seniors

		Frequency Distributions ^a								Statistical Comparisons ^b									
		CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Your seniors compared with							
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	34	10	1,064	12	3,529	13	43,363	13	2.8	2.7	.11	2.6 **	.18	2.6 **	△	
		2	Sometimes	99	29	2,746	31	8,852	33	103,507	32								
		3	Often	109	34	2,902	34	8,517	33	100,452	33								
		4	Very often	85	28	1,951	23	5,482	21	66,863	22								
		Total		327	100	8,663	100	26,380	100	314,185	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	52	15	1,527	17	4,889	18	60,980	19	2.6	2.5	.10	2.4 **	.15	2.4 **	△	
		2	Sometimes	111	32	3,152	36	9,894	37	115,666	36								
		3	Often	106	33	2,360	27	7,169	27	84,654	27								
		4	Very often	58	20	1,601	19	4,362	17	52,233	17								
		Total		327	100	8,640	100	26,314	100	313,533	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	53	15	1,406	16	4,754	18	57,050	18	2.6	2.5	.07	2.4 **	.17	2.4 *	△	
		2	Sometimes	112	34	3,125	36	10,199	39	118,649	38								
		3	Often	103	33	2,567	30	7,301	28	88,074	28								
		4	Very often	57	19	1,514	18	4,011	15	48,896	16								
		Total		325	100	8,612	100	26,265	100	312,669	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 <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	5	1	316	5	1,055	5	14,461	6	10.0	8.1 ***	.28	7.9 ***	.32	7.8 ***	△	
		1.5	1-2	35	11	1,305	18	4,279	18	52,083	19								
		4	3-5	70	25	2,097	27	6,639	28	78,433	28								
		8	6-10	72	23	1,797	23	5,338	22	63,673	22								
		13	11-15	44	15	898	11	2,775	11	31,749	11								
		18	16-20	30	10	534	6	1,617	6	18,850	6								
		23	More than 20	43	14	799	10	2,329	9	27,576	9								
Total		299	100	7,746	100	24,032	100	286,825	100										
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	32	12	1,200	16	4,346	19	55,282	21	4.4	4.0	.10	3.5 ***	.23	3.6 ***	△	
		1.5	1-2	98	32	2,555	34	8,676	36	99,842	35								
		4	3-5	87	31	2,258	29	6,524	27	76,333	26								
		8	6-10	41	15	1,047	13	2,894	12	33,904	12								
		13	11-15	21	6	369	5	825	3	10,130	4								
		18	16-20	6	2	139	2	323	1	4,161	2								
		23	More than 20	3	2	102	1	262	1	3,699	1								

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

NSSE 2014 Frequencies and Statistical Comparisons Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Your seniors compared with															
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
		Total		288	100	7,670	100	23,850	100	283,351	100								

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		Your seniors compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. 11 pages or more	wrlongnum	0	None	99	34	2,761	37	9,558	42	114,796	42	2.8	2.3 *	.14	1.9 **	.25	2.0 **	.22
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	109	38	3,024	39	9,369	39	107,391	38							
		4	3-5	42	14	1,076	14	2,782	12	34,972	12							
		8	6-10	17	6	347	5	847	4	10,657	4							
		13	11-15	10	3	138	2	339	2	4,374	2							
		18	16-20	4	1	70	1	169	1	2,145	1							
		23	More than 20	6	2	97	1	247	1	3,022	1							
	Total			287	100	7,513	100	23,311	100	277,357	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.)									102.3	86.9 **	.17	77.8 ***	.30	79.0 ***	.27
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	10	2	311	4	1,244	5	14,264	5	3.1	3.2 *	-.13	3.0	.09	3.1	-.01
		2	Sometimes	83	27	1,627	19	6,436	26	69,555	22							
		3	Often	90	28	2,237	27	7,247	29	83,279	28							
		4	Very often	130	43	3,948	50	10,065	40	130,591	45							
		Total		313	100	8,123	100	24,992	100	297,689	100							
b. People from an economic background other than your own	DDeconomic	1	Never	3	1	331	4	909	4	11,816	4	3.2	3.2	.04	3.1 **	.14	3.1	.08
		2	Sometimes	63	20	1,607	20	5,680	23	63,729	21							
		3	Often	120	39	2,614	32	8,589	34	97,392	33							
		4	Very often	126	41	3,544	44	9,755	39	123,987	42							
		Total		312	100	8,096	100	24,933	100	296,924	100							
c. People with religious beliefs other than your own	DDreligion	1	Never	9	2	436	6	1,255	6	17,879	6	3.2	3.1 *	.13	3.0 ***	.21	3.0 **	.17
		2	Sometimes	66	22	1,818	22	6,333	26	74,206	24							
		3	Often	91	28	2,382	29	7,700	31	86,161	29							
		4	Very often	145	48	3,421	43	9,588	38	117,882	41							
		Total		311	100	8,057	100	24,876	100	296,128	100							
d. People with political views other than your own	DDpolitical	1	Never	10	3	492	6	1,170	5	15,357	5	3.2	3.0 ***	.20	3.0 **	.17	3.1 *	.14
		2	Sometimes	65	21	2,091	26	5,917	24	71,218	23							
		3	Often	93	30	2,373	29	8,123	33	91,880	31							
		4	Very often	141	46	3,072	39	9,577	38	116,575	40							
		Total		311	100	8,057	100	24,876	100	296,128	100							

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

NSSE 2014 Frequencies and Statistical Comparisons Central Washington University

Seniors

			Frequency Distributions ^a								Statistical Comparisons ^b						
			CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014
Item wording or description	Variable name ^c	Values ^d Response options	Count		Count		Count		Count		Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
				%		%		%		%							
		Total	309	100	8,028	100	24,787	100	295,030	100							

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Item wording or description		Variable name ^c		Values ^d		Response options		Frequency Distributions ^a								Statistical Comparisons ^b					
								CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Your seniors compared with			
								Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
9. During the current school year, about how often have you done the following?																					
a. Identified key information from reading assignments	LSreading	1	Never	6	2	123	2	382	2	5,206	2	3.3	3.3	.08	3.3	.08	3.3	.10			
		2	Sometimes	37	12	1,111	15	3,475	14	43,025	15										
		3	Often	113	36	2,993	37	9,660	39	112,454	38										
		4	Very often	154	50	3,863	46	11,405	46	135,652	45										
		Total		310	100	8,090	100	24,922	100	296,337	100										
b. Reviewed your notes after class	LSnotes	1	Never	18	7	496	6	1,705	7	21,666	7	2.9	2.9	.04	2.9	-.01	2.9	.04			
		2	Sometimes	82	28	2,480	31	7,030	28	87,186	29										
		3	Often	96	33	2,459	31	7,724	31	90,554	31										
		4	Very often	110	33	2,626	32	8,354	34	96,032	33										
		Total		306	100	8,061	100	24,813	100	295,438	100										
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	20	7	580	8	1,497	6	19,526	7	2.9	2.9	.09	2.9	.01	2.9	.05			
		2	Sometimes	78	25	2,270	29	6,617	26	81,227	28										
		3	Often	103	35	2,660	34	8,579	35	100,387	34										
		4	Very often	104	33	2,474	30	7,845	32	91,341	31										
		Total		305	100	7,984	100	24,538	100	292,481	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	3	1	55	1	114	1	1,541	1	5.5	5.6	-.10	5.7 **	-.18	5.7 *	-.14			
		2		3	1	110	1	252	1	3,352	1										
		3		11	4	221	3	661	3	7,976	3										
		4		29	11	698	9	1,847	8	23,590	8										
		5		91	31	2,145	27	6,583	26	79,572	27										
		6		87	26	2,647	32	8,233	33	96,336	32										
		7	Very much	87	26	2,177	27	7,104	29	82,879	28										
		Total		311	100	8,053	100	24,794	100	295,246	100										
11. Which of the following have you done or do you plan to do before you graduate?^f																					
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		21	7	601	8	1,773	8	21,603	8	54%	44% **	.19	49%	.10	50%	.08			
		Do not plan to do		67	22	1,342	16	4,823	21	53,640	19										
		Plan to do		55	17	2,379	32	5,299	22	65,818	23										
		Done or in progress		167	54	3,729	44	12,937	49	154,425	50										
		Total		310	100	8,051	100	24,832	100	295,486	100										

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

Seniors

			Frequency Distributions ^a								Statistical Comparisons ^b						
			CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Your seniors compared with				
Item wording or description	Variable name ^c	Values ^d	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	25	9	872	11	2,269	10	28,545	10	34%	29% *	.12	35%	-.01	36%	-.04
		Do not plan to do	161	50	4,141	50	11,560	49	132,943	46							
		Plan to do	18	7	700	10	1,601	7	20,664	7							
		Done or in progress	105	34	2,318	29	9,317	35	112,569	36							
		Total	309	100	8,031	100	24,747	100	294,721	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	28	10	1,047	14	2,895	12	34,743	12	24%	23%	.03	25%	-.02	24%	-.01
		Do not plan to do	181	59	4,215	52	13,317	55	160,294	55							
		Plan to do	20	7	843	12	2,029	8	24,099	9							
		Done or in progress	79	24	1,912	23	6,490	25	74,974	24							
		Total	308	100	8,017	100	24,731	100	294,110	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	26	9	1,124	15	2,621	11	32,158	12	7%	8%	-.01	13% **	-.19	14% ***	-.22
		Do not plan to do	237	78	5,463	68	16,918	69	195,031	67							
		Plan to do	19	6	728	10	1,564	7	20,396	7							
		Done or in progress	24	7	696	8	3,595	13	46,307	14							
		Total	306	100	8,011	100	24,698	100	293,892	100							
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	30	11	1,300	17	3,263	14	41,341	15	25%	23%	.05	24%	.00	24%	.01
		Do not plan to do	173	55	3,493	43	12,312	50	142,234	48							
		Plan to do	31	10	1,295	17	2,662	12	34,122	13							
		Done or in progress	74	25	1,873	23	6,356	24	74,871	24							
		Total	308	100	7,961	100	24,593	100	292,568	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	17	6	702	9	1,892	8	25,809	9	54%	47% *	.14	48% *	.12	46% **	.16
		Do not plan to do	75	23	1,323	16	4,834	20	60,928	21							
		Plan to do	54	17	2,083	28	5,614	24	65,141	23							
		Done or in progress	163	54	3,892	47	12,343	48	141,652	46							
		Total	309	100	8,000	100	24,683	100	293,530	100							

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

servcourse	1	2	3	4	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e
None	1	None	139	45	2,618	34	7,929	34	109,665	39	1.7	1.8 **	-.18	1.8 ***	-.19	1.7	-.09
	2	Some	139	44	4,402	54	13,504	53	151,161	50							
	3	Most	30	10	854	10	2,845	11	28,228	9							
	4	All	3	1	109	1	389	2	4,480	2							

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

NSSE 2014 Frequencies and Statistical Comparisons Central Washington University

Seniors

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b					
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
	Total			311	100	7,983	100	24,667	100	293,534	100						

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Your seniors compared with					
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
																			Mean
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	4	1	79	1	215	1	2,989	1	5.6	5.7	-0.06	5.8 * ▽	-0.13	5.7	-0.09	
		2		1	0	138	2	313	1	4,399	2								
		3		14	5	273	4	818	4	10,341	4								
		4		28	10	684	9	1,875	8	23,899	8								
		5		70	22	1,757	22	5,060	20	61,607	21								
		6		115	36	2,511	31	7,656	30	89,977	30								
		7	Excellent	77	25	2,546	32	8,599	34	98,621	33								
		—	Not applicable	3	1	57	1	254	1	3,481	1								
			Total	312	100	8,045	100	24,790	100	295,314	100								
b. Academic advisors	QIadvisor	1	Poor	21	8	446	6	1,055	5	14,192	5	5.0	5.1	-0.05	5.4 *** ▽	-0.23	5.2 * ▽	-0.13	
		2		15	5	410	5	1,090	4	15,344	5								
		3		27	9	640	8	1,521	6	21,208	7								
		4		41	13	973	12	2,548	10	33,926	12								
		5		58	17	1,500	19	4,107	16	50,778	17								
		6		58	18	1,728	21	5,439	22	62,362	21								
		7	Excellent	86	28	2,135	26	8,652	35	92,674	31								
		—	Not applicable	6	2	203	3	342	2	4,282	2								
			Total	312	100	8,035	100	24,754	100	294,766	100								
c. Faculty	QIfaculty	1	Poor	2	1	127	2	295	1	3,981	2	5.5	5.5	.03	5.7 * ▽	-0.12	5.6	-0.04	
		2		6	2	173	2	423	2	5,793	2								
		3		13	5	377	5	882	4	12,106	4								
		4		36	11	837	11	2,160	9	28,262	10								
		5		66	21	1,768	22	5,021	20	62,477	21								
		6		98	32	2,519	31	7,941	32	91,854	31								
		7	Excellent	82	26	2,144	26	7,702	31	86,350	29								
		—	Not applicable	3	1	47	1	160	1	2,197	1								
			Total	306	100	7,992	100	24,584	100	293,020	100								

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		Your seniors compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	14	5	412	6	1,127	5	14,479	5	4.7	4.8	-.07	5.0 **	-.17	4.9	-.11
		2		27	10	410	5	1,133	5	14,465	5							
		3		19	6	573	7	1,629	6	20,890	7							
		4		39	13	989	12	2,801	11	36,897	12							
		5		58	19	1,446	18	4,365	17	53,030	18							
		6		56	17	1,452	18	4,714	18	53,805	18							
		7	Excellent	49	15	1,191	15	4,459	18	49,452	16							
		—	Not applicable	47	15	1,521	19	4,453	20	50,681	18							
	Total			309	100	7,994	100	24,681	100	293,699	100							
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	17	6	504	7	1,229	5	16,343	6	4.8	4.8	.04	5.0	-.09	4.8	.00
		2		19	7	472	6	1,264	5	17,391	6							
		3		26	9	687	9	1,904	8	25,014	9							
		4		43	14	1,187	15	3,319	13	43,109	15							
		5		68	21	1,737	21	5,064	20	60,608	20							
		6		73	23	1,708	21	5,715	23	61,936	21							
		7	Excellent	57	18	1,379	17	5,230	21	56,414	19							
		—	Not applicable	7	2	337	4	950	4	13,332	5							
	Total			310	100	8,011	100	24,675	100	294,147	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	10	4	160	2	414	2	5,401	2	3.0	3.2 ***	-.21	3.2 ***	-.20	3.2 ***	-.20
		2	Some	54	18	1,143	15	3,496	15	42,885	16							
		3	Quite a bit	150	51	3,368	44	10,740	45	122,165	44							
		4	Very much	85	28	2,960	39	9,065	38	110,575	38							
			Total			299	100	7,631	100	23,715	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	18	6	390	6	1,043	5	12,836	5	2.8	2.9 *	-.13	3.0 ***	-.24	3.0 ***	-.21
		2	Some	92	31	1,862	25	4,800	21	60,597	23							
		3	Quite a bit	118	39	3,207	42	9,939	42	115,626	41							
		4	Very much	70	23	2,109	27	7,736	32	90,059	31							
			Total			298	100	7,568	100	23,518	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	25	10	705	10	1,933	9	22,445	9	2.8	2.8	.01	2.9	-.07	2.9	-.06
		2	Some	74	24	1,924	26	5,443	24	66,241	24							
		3	Quite a bit	115	40	2,838	37	8,805	37	103,741	37							
		4	Very much	81	26	2,113	27	7,374	30	86,969	30							
			Total															

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Your seniors compared with															
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
		Total		295	100	7,580	100	23,555	100	279,396	100								

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

Seniors

			Frequency Distributions ^a								Statistical Comparisons ^b							
			CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Your seniors compared with					
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	68	23	1,162	16	3,469	15	43,500	16	2.4	2.6 **	-0.18	2.6 **	-0.16	2.6 **	-0.16
		2	Some	88	28	2,287	30	7,604	32	88,368	31							
		3	Quite a bit	85	30	2,365	31	7,336	31	84,529	30							
		4	Very much	55	18	1,777	23	5,206	22	63,503	23							
		Total		296	100	7,591	100	23,615	100	279,900	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	33	11	686	9	1,826	9	22,577	9	2.7	2.8 *	-0.12	2.8 ***	-0.20	2.9 ***	-0.22
		2	Some	93	31	2,129	29	5,922	26	68,504	25							
		3	Quite a bit	114	39	2,817	37	8,986	38	105,084	37							
		4	Very much	58	19	1,951	25	6,840	28	83,521	29							
		Total		298	100	7,583	100	23,574	100	279,686	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	48	17	891	13	2,531	12	29,812	11	2.6	2.7	-0.08	2.7 *	-0.13	2.8 **	-0.16
		2	Some	77	26	2,074	28	6,078	26	70,825	26							
		3	Quite a bit	108	36	2,711	36	8,656	36	100,459	36							
		4	Very much	63	22	1,863	24	6,211	25	77,342	27							
		Total		296	100	7,539	100	23,476	100	278,438	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	139	47	2,820	37	7,596	34	90,272	34	1.8	2.0 **	-0.18	2.1 ***	-0.27	2.1 ***	-0.27
		2	Some	98	33	2,610	34	8,198	34	96,794	34							
		3	Quite a bit	35	12	1,400	19	4,934	21	58,115	20							
		4	Very much	22	9	710	9	2,749	12	33,140	12							
		Total		294	100	7,540	100	23,477	100	278,321	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	54	19	1,266	17	3,339	16	38,498	15	2.4	2.5	-0.07	2.6 **	-0.19	2.7 ***	-0.23
		2	Some	99	33	2,500	33	6,636	29	75,944	28							
		3	Quite a bit	98	34	2,420	32	8,129	34	95,861	34							
		4	Very much	44	14	1,326	18	5,284	22	67,257	23							
		Total		295	100	7,512	100	23,388	100	277,560	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	71	24	1,421	20	4,147	19	49,824	19	2.2	2.4 ***	-0.21	2.4 ***	-0.25	2.4 ***	-0.24
		2	Some	127	41	2,644	35	8,060	34	95,647	35							
		3	Quite a bit	67	24	2,259	30	7,211	30	83,584	29							
		4	Very much	28	10	1,178	15	3,929	16	47,987	17							
		Total		293	100	7,502	100	23,347	100	277,042	100							

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		Your seniors compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
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	0	0	26	0	64	0	887	0	16.2	15.6	.07	14.7 **	.17	15.0 *	.13
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	24	8	842	12	3,182	14	37,242	14							
		8	6-10 hrs	78	27	1,720	23	5,656	24	64,829	23							
		13	11-15 hrs	54	19	1,502	20	4,745	20	55,108	20							
		18	16-20 hrs	42	14	1,391	18	4,108	17	48,499	17							
		23	21-25 hrs	45	15	803	10	2,399	10	30,166	11							
		28	26-30 hrs	22	7	551	7	1,545	6	19,122	7							
		33	More than 30 hrs	27	10	735	10	1,822	8	23,422	8							
			Total	292	100	7,570	100	23,521	100	279,275	100							
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	157	51	3,766	50	10,268	47	119,332	45	3.6	3.8	-.03	4.4 *	-.11	4.5 **	-.14
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	80	27	2,144	29	6,885	28	80,532	28							
		8	6-10 hrs	31	11	746	10	2,711	11	34,850	12							
		13	11-15 hrs	14	5	383	5	1,486	6	18,673	6							
		18	16-20 hrs	8	4	250	3	938	4	11,673	4							
		23	21-25 hrs	3	1	95	1	514	2	5,986	2							
		28	26-30 hrs	3	1	63	1	269	1	2,815	1							
		33	More than 30 hrs	0	0	77	1	346	1	3,870	1							
			Total	296	100	7,524	100	23,417	100	277,731	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	206	70	5,721	77	16,465	73	193,014	72	4.3	3.2 *	.17	3.5	.11	3.7	.09
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	15	5	259	3	1,264	5	14,559	4							
		8	6-10 hrs	12	4	384	5	2,095	8	25,544	8							
		13	11-15 hrs	22	7	440	5	1,416	6	17,774	6							
		18	16-20 hrs	26	9	538	7	1,306	5	16,638	6							
		23	21-25 hrs	3	1	102	1	403	2	4,735	2							
		28	26-30 hrs	3	1	36	0	169	1	2,055	1							
		33	More than 30 hrs	6	2	62	1	333	2	3,901	1							
			Total	293	100	7,542	100	23,451	100	278,220	100							

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Item wording or description		Variable name ^c		Values ^d		Response options		Frequency Distributions ^a										Statistical Comparisons ^b					
								CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Your seniors compared with					
								Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	159	55	3,264	43	9,588	40	127,615	45	10.5	11.6	-0.09	13.5 ***	-0.22	12.0	-0.11					
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	4	397	5	1,223	5	14,304	5												
	8	6-10 hrs	14	4	504	6	1,552	6	17,064	6													
	13	11-15 hrs	14	4	551	7	1,590	6	17,078	6													
	18	16-20 hrs	15	5	782	11	2,025	8	22,065	8													
	23	21-25 hrs	15	5	607	8	1,534	6	17,141	6													
	28	26-30 hrs	15	5	455	6	1,209	5	12,834	5													
	33	More than 30 hrs	50	19	953	13	4,611	23	48,636	19													
Total				295	100	7,513	100	23,332	100	276,737	100												
Estimated number of hours working for pay	tmworkhrs	(Continuous variable created by NSSE)										14.4	14.7	-0.02	16.9 **	-0.18	15.5	-0.08					
Total				295	100	7,513	100	23,332	100	276,737	100												
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	148	50	3,764	52	10,839	47	131,979	49	3.0	3.2	-0.04	3.2	-0.04	3.1	-0.02					
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	104	37	2,316	30	8,731	37	101,423	35												
	8	6-10 hrs	23	7	730	9	1,949	9	22,363	8													
	13	11-15 hrs	5	1	332	4	764	3	9,042	3													
	18	16-20 hrs	6	2	198	3	448	2	5,357	2													
	23	21-25 hrs	4	1	52	1	211	1	2,374	1													
	28	26-30 hrs	1	0	36	0	97	0	1,167	0													
	33	More than 30 hrs	3	1	50	1	195	1	2,218	1													
Total				294	100	7,478	100	23,234	100	275,923	100												
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	13	4	199	3	676	3	7,784	3	10.9	10.8	.01	10.3	.07	10.7	.02					
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	86	27	2,137	29	6,923	30	78,351	28												
	8	6-10 hrs	79	26	2,102	27	6,560	28	77,778	28													
	13	11-15 hrs	55	19	1,289	17	4,052	17	49,330	18													
	18	16-20 hrs	28	12	838	11	2,495	10	30,936	11													
	23	21-25 hrs	13	5	409	6	1,155	5	14,466	5													
	28	26-30 hrs	5	2	179	2	564	2	6,892	3													
	33	More than 30 hrs	13	5	351	5	913	4	11,488	4													
Total				292	100	7,504	100	23,338	100	277,025	100												

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Item wording or description		Variable name ^c		Values ^d		Response options		Frequency Distributions ^a										Statistical Comparisons ^b					
								CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Your seniors compared with					
								Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Providing care for dependents (children, parents, etc.)		tmcarehrs		0	0 hrs	177	61	4,648	61	14,549	60	177,258	63	6.7	5.8	.09	7.4	-.06	6.5	.02			
		<i>(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>		3	1-5 hrs	27	10	940	13	2,401	10	13,777	5										
		8	6-10 hrs	20	6	466	7	1,176	5	8,644	3												
		13	11-15 hrs	11	5	287	4	718	3	7,428	3												
		18	16-20 hrs	12	3	223	3	692	3	4,411	2												
		23	21-25 hrs	4	2	117	2	372	2	3,610	1												
		28	26-30 hrs	1	1	93	1	331	2	32,790	12												
		33	More than 30 hrs	38	13	716	9	3,052	15	276,435	100												
		Total		290	100	7,490	100	23,291	100	276,435	100												
h. Commuting to campus (driving, walking, etc.)		tmcommutehrs		0	0 hrs	53	19	668	8	4,955	21	64,700	21	3.9	5.7 ***	-.34	4.5 *	-.11	4.6 **	-.13			
		<i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>		3	1-5 hrs	181	62	4,336	56	13,178	56	147,130	53										
		8	6-10 hrs	37	12	1,666	23	3,377	15	42,489	16												
		13	11-15 hrs	14	5	496	7	1,001	4	12,540	5												
		18	16-20 hrs	6	2	185	3	371	2	4,768	2												
		23	21-25 hrs	0	0	66	1	165	1	2,099	1												
		28	26-30 hrs	0	0	40	1	110	1	1,181	0												
		33	More than 30 hrs	1	0	68	1	271	1	2,701	1												
		Total		292	100	7,525	100	23,428	100	277,608	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	22	8	686	12	1,677	11	19,388	12	3.1	3.0	.07	3.0	.05	2.9	.10			
		<i>(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)</i>		2	Some	62	24	1,521	25	3,683	24	41,627	26										
		3	About half	100	32	1,803	28	4,537	30	45,055	27												
		4	Most	81	26	1,678	25	3,779	25	40,516	24												
		5	Almost all	31	10	718	10	1,640	10	18,156	11												
				Total		296	100	6,406	100	15,316	100	164,742	100										
		tmreadinghrs										8.3	7.8	.08	7.5 *	.12	7.4 *	.14					
		<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>								▲	▲												

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Item wording or description		Variable name ^c		Values ^d		Response options		Frequency Distributions ^a										Statistical Comparisons ^b											
								CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Your seniors compared with											
								Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e					
tmreadinghrscol <i>(Collapsed version of tmreadinghrs created by NSSE.)</i>		1 0 hrs		1 0 hrs		0 0		CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		3.0		3.0		.01		3.1		-.08		3.1		-.05	
								23 0		23 0		42 0		536 0															
								106 39		2,572 42		6,785 45		72,231 46															
								95 33		2,021 31		4,566 30		49,564 30															
								40 13		779 12		1,705 11		18,441 11															
								21 6		456 7		1,031 7		11,146 6															
								23 7		365 5		727 5		8,224 5															
								6 2		157 2		360 2		3,673 2															
Total		291 100		6,373 100		15,216 100		163,815 100																					

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	23	8	504	7	1,246	6	15,754	6	3.0	3.0	.01	3.1	-.08	3.1	-.05
		2	Some	58	19	1,575	21	4,512	19	55,171	20							
		3	Quite a bit	112	37	2,703	36	8,766	37	100,421	36							
		4	Very much	98	35	2,759	36	8,986	38	107,284	38							
		Total		291	100	7,541	100	23,510	100	278,630	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	29	11	559	8	1,602	7	21,246	8	2.8	2.9	-.08	3.0 *	-.14	2.9	-.10
		2	Some	65	22	1,806	24	5,036	22	61,865	23							
		3	Quite a bit	119	40	2,743	36	8,803	37	99,916	36							
		4	Very much	77	28	2,413	32	8,000	34	94,659	33							
		Total		290	100	7,521	100	23,441	100	277,686	100							
c. Thinking critically and analytically	pgthink	1	Very little	12	5	211	3	529	3	6,389	3	3.2	3.3	-.09	3.3 *	-.14	3.3 *	-.13
		2	Some	45	15	945	13	2,695	12	33,088	13							
		3	Quite a bit	103	35	2,727	37	8,462	36	98,464	35							
		4	Very much	128	46	3,629	47	11,709	49	139,580	49							
		Total		288	100	7,512	100	23,395	100	277,521	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	43	14	885	11	2,747	12	32,498	11	2.8	2.9	-.06	2.8	.01	2.8	-.02
		2	Some	76	26	1,935	25	6,613	28	75,259	27							
		3	Quite a bit	76	25	2,295	31	7,192	31	85,596	31							
		4	Very much	92	34	2,398	33	6,864	30	84,128	31							
		Total		287	100	7,517	100	23,623	100	277,521	100							

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

NSSE 2014 Frequencies and Statistical Comparisons Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Your seniors compared with															
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
		Total		287	100	7,513	100	23,416	100	277,481	100								

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		Your seniors compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	18	7	757	10	1,719	8	23,053	9	3.0	2.9 *	.14	3.0	.02	3.0	.06
		2	Some	64	21	1,866	25	4,962	21	61,451	22							
		3	Quite a bit	102	35	2,408	32	7,899	33	90,816	32							
		4	Very much	107	37	2,495	33	8,868	37	102,660	36							
		Total	291	100	7,526	100	23,448	100	277,980	100								
f. Working effectively with others	pgothers	1	Very little	21	8	377	5	1,108	5	14,078	6	3.0	3.1	-.07	3.1	-.07	3.0	-.05
		2	Some	63	21	1,515	20	4,524	20	56,772	21							
		3	Quite a bit	100	34	2,775	37	8,721	37	101,329	36							
		4	Very much	107	37	2,845	38	9,038	38	105,026	37							
		Total	291	100	7,512	100	23,391	100	277,205	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	55	19	1,013	14	2,484	12	31,191	13	2.6	2.8 **	-.18	2.8 ***	-.26	2.8 ***	-.23
		2	Some	80	27	1,910	26	5,496	24	66,471	25							
		3	Quite a bit	84	29	2,256	30	7,693	32	87,552	31							
		4	Very much	70	24	2,330	31	7,740	32	92,365	32							
		Total	289	100	7,509	100	23,413	100	277,579	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	44	16	794	11	2,364	11	29,433	11	2.6	2.8 **	-.20	2.8 **	-.17	2.8 **	-.17
		2	Some	88	29	1,968	26	6,354	27	74,852	27							
		3	Quite a bit	86	31	2,296	30	7,599	32	88,388	31							
		4	Very much	72	25	2,459	32	7,104	30	85,008	30							
		Total	290	100	7,517	100	23,421	100	277,681	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	38	13	818	11	2,200	10	26,311	10	2.7	2.8	-.08	2.8	-.09	2.8	-.09
		2	Some	79	27	2,019	26	6,315	27	74,643	27							
		3	Quite a bit	99	33	2,429	33	8,140	34	95,025	34							
		4	Very much	74	27	2,238	30	6,749	29	81,509	29							
		Total	290	100	7,504	100	23,404	100	277,488	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	58	20	991	14	2,748	12	34,526	13	2.6	2.7	-.09	2.7 *	-.15	2.7 *	-.12
		2	Some	75	24	2,160	29	6,619	28	79,377	29							
		3	Quite a bit	91	33	2,323	31	7,674	32	88,586	32							
		4	Very much	64	23	1,996	26	6,246	27	73,665	26							
		Total	288	100	7,470	100	23,287	100	276,154	100								

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

NSSE 2014 Frequencies and Statistical Comparisons

Central Washington University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				CWU				Far West Public				Carnegie Class				NSSE 2013 & 2014			
				CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014		CWU		Far West Public		Carnegie Class		NSSE 2013 & 2014	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
Item wording or description	Variable name ^c	Values ^d	Response options	Your seniors compared with															
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	9	4	186	3	458	2	5,487	2	3.1	3.2	-.08	3.3 ***	-.27	3.3 ***	-.24	
		2	Fair	40	14	931	13	2,138	10	27,673	11								
		3	Good	153	51	3,669	49	10,442	45	120,604	44								
		4	Excellent	93	32	2,754	35	10,470	44	124,914	43								
		Total		295	100	7,540	100	23,508	100	278,678	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	16	6	354	5	1,042	5	12,145	5	3.1	3.1	.00	3.2	-.11	3.2 *	-.12	
		2	Probably no	44	15	1,045	15	2,916	12	33,893	12								
		3	Probably yes	113	39	3,165	42	9,014	38	104,221	38								
		4	Definitely yes	122	40	2,982	38	10,570	45	128,716	45								
		Total		295	100	7,546	100	23,542	100	278,975	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^g Central Washington University

First-Year Students

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	CWU	CWU	Far West Public	Carnegie Class	NSSE 2013 & 2014	CWU	Far West Public	Carnegie Class	NSSE 2013 & 2014	CWU	Far West Public	Carnegie Class	NSSE 2013 & 2014	Comparisons with: Far West Public	Comparisons with: Carnegie Class	Comparisons with: NSSE 2013 & 2014	Far West Public	Carnegie Class	NSSE 2013 & 2014	Far West Public	Carnegie Class	NSSE 2013 & 2014
1 a. askquest	314	2.80	2.75	2.92	2.87	.046	.012	.006	.002	.81	.84	.85	.85	5,535	18,202	228,855	.346	.010	.110	.05	-.15	-.09
b. drafts	314	2.57	2.64	2.59	2.54	.053	.013	.007	.002	.95	.97	.98	.99	5,519	18,145	227,726	.235	.760	.532	-.07	-.02	.04
c. unpreparedr	315	3.04	2.99	3.09	3.03	.044	.011	.006	.002	.78	.78	.76	.77	5,506	18,061	227,047	.279	.284	.872	.06	-.06	.01
d. attendart	312	2.20	1.95	2.02	1.99	.050	.012	.007	.002	.88	.90	.96	.94	5,486	18,041	226,382	.000	.001	.000	.28	.19	.23
e. CLaskhelp	314	2.46	2.63	2.52	2.57	.045	.012	.007	.002	.79	.85	.88	.88	358	326	314	.000	.126	.012	-.20	-.08	-.13
f. CLexplain	305	2.64	2.71	2.66	2.71	.042	.011	.006	.002	.74	.80	.82	.82	5,349	317	305	.158	.555	.091	-.08	-.03	-.09
g. CLstudy	305	2.47	2.54	2.48	2.53	.052	.013	.007	.002	.91	.93	.97	.97	5,348	316	305	.235	.891	.253	-.07	-.01	-.06
h. CLproject	303	2.51	2.68	2.58	2.61	.046	.012	.007	.002	.80	.84	.87	.87	5,320	315	303	.001	.127	.039	-.20	-.08	-.11
i. present	302	2.03	2.41	2.28	2.23	.048	.013	.007	.002	.84	.92	.92	.90	347	314	302	.000	.000	.000	-.41	-.27	-.22
2 a. RIintegrate	299	2.56	2.67	2.66	2.68	.048	.012	.007	.002	.84	.86	.86	.86	5,197	17,028	213,738	.021	.046	.013	-.14	-.12	-.14
b. RIsocietal	296	2.61	2.66	2.61	2.61	.049	.012	.007	.002	.85	.87	.88	.88	5,116	16,779	210,689	.299	.997	.861	-.06	.00	-.01
c. RIDiverse	297	2.45	2.63	2.58	2.58	.048	.013	.007	.002	.84	.88	.89	.89	5,128	308	297	.001	.010	.010	-.21	-.14	-.14
d. RIownview	299	2.75	2.80	2.77	2.78	.046	.012	.006	.002	.80	.81	.83	.83	5,118	16,727	210,274	.268	.712	.507	-.07	-.02	-.04
e. RIPerspect	296	2.79	2.93	2.86	2.87	.045	.012	.006	.002	.78	.82	.83	.82	5,092	16,668	209,657	.003	.159	.108	-.18	-.08	-.09
f. RInewview	298	2.78	2.89	2.85	2.86	.043	.012	.006	.002	.74	.80	.81	.81	5,071	310	298	.020	.147	.093	-.14	-.08	-.09
g. RIconnect	290	2.96	3.10	3.06	3.08	.044	.011	.006	.002	.76	.77	.78	.77	5,058	16,537	207,800	.003	.024	.009	-.18	-.13	-.15
3 a. SFcareer	295	2.38	2.13	2.24	2.21	.050	.013	.007	.002	.85	.91	.91	.91	5,075	16,645	208,579	.000	.008	.001	.29	.16	.19
b. SFotherwork	294	1.74	1.65	1.74	1.73	.051	.013	.007	.002	.88	.88	.92	.91	5,042	16,584	207,650	.101	.981	.777	.10	.00	.02
c. SFdiscuss	295	1.98	1.94	2.01	2.00	.049	.013	.007	.002	.85	.89	.90	.90	335	16,569	207,348	.381	.614	.708	.05	-.03	-.02
d. SFperform	295	2.15	2.07	2.15	2.13	.051	.013	.007	.002	.88	.89	.89	.88	5,015	16,491	206,539	.154	.959	.640	.09	.00	.03
4 a. memorize	296	2.89	2.95	2.94	2.96	.046	.012	.007	.002	.80	.83	.83	.83	5,035	16,540	207,372	.261	.355	.209	-.07	-.05	-.07
b. HOapply	295	2.87	2.93	2.95	2.99	.042	.012	.006	.002	.72	.82	.82	.81	343	308	295	.138	.061	.004	-.08	-.10	-.15
c. HOanalyze	293	2.93	2.99	2.96	2.98	.046	.012	.007	.002	.79	.83	.84	.83	4,982	16,372	205,473	.304	.666	.300	-.06	-.03	-.06
d. HOevaluate	292	2.89	2.98	2.92	2.92	.044	.012	.007	.002	.75	.82	.83	.84	4,977	304	292	.062	.441	.397	-.11	-.04	-.04
e. HOform	292	2.85	2.95	2.90	2.90	.046	.012	.007	.002	.79	.83	.85	.85	4,973	16,320	204,904	.041	.377	.296	-.12	-.05	-.06
5 a. ETgoals	295	3.06	3.15	3.16	3.16	.046	.011	.006	.002	.79	.77	.77	.77	5,028	16,511	206,898	.033	.021	.023	-.13	-.14	-.13
b. ETorganize	295	2.93	3.07	3.10	3.11	.040	.012	.006	.002	.69	.79	.79	.78	345	309	295	.001	.000	.000	-.18	-.22	-.23
c. ETexample	294	2.94	3.08	3.10	3.11	.047	.012	.006	.002	.80	.83	.82	.82	5,008	16,429	205,806	.005	.001	.001	-.17	-.19	-.20
d. ETdraftfb	291	2.82	2.92	2.90	2.86	.051	.013	.007	.002	.87	.91	.92	.93	4,985	16,407	205,650	.077	.154	.447	-.11	-.08	-.04
e. ETfeedback	288	2.72	2.81	2.85	2.80	.052	.013	.007	.002	.88	.91	.91	.92	4,983	16,333	204,821	.072	.016	.116	-.11	-.14	-.09

NSSE 2014 Frequencies and Statistical Comparisons

Detailed Statistics^g

Central Washington University

First-Year Students

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	CWU	CWU	Far West Public	Carnegie Class	NSSE 2013 & 2014	CWU	Far West Public	Carnegie Class	NSSE 2013 & 2014	CWU	Far West Public	Carnegie Class	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:		
														Far West Public	Carnegie Class	NSSE 2013 & 2014	Far West Public	Carnegie Class	NSSE 2013 & 2014	Far West Public	Carnegie Class	NSSE 2013 & 2014
6 a. QRconclude	292	2.54	2.56	2.51	2.56	.050	.013	.007	.002	.86	.92	.93	.94	5,003	304	292	.697	.558	.736	-.02	.03	-.02
b. QRproblem	290	2.34	2.29	2.25	2.28	.052	.014	.007	.002	.89	.94	.94	.94	4,987	16,443	205,950	.412	.093	.287	.05	.10	.06
c. QRevaluate	290	2.24	2.28	2.20	2.27	.049	.014	.007	.002	.83	.93	.92	.92	335	301	290	.487	.438	.599	-.04	.04	-.03
7 a. wrshortnum	272	7.36	6.73	6.99	6.82	.345	.084	.049	.013	5.69	5.49	5.99	5.72	4,552	15,020	187,778	.068	.314	.124	.11	.06	.09
b. wrmednum	264	2.05	2.31	2.07	2.11	.143	.048	.024	.007	2.33	3.10	2.89	2.91	326	278	264	.084	.883	.650	-.09	-.01	-.02
c. wrlongnum	250	.56	.96	.81	.80	.117	.046	.022	.006	1.84	2.94	2.63	2.58	333	267	250	.001	.035	.034	-.14	-.10	-.10
— wrpages	247	46.20	50.45	47.13	47.03	3.080	1.001	.508	.139	48.43	63.13	59.47	57.93	4,222	13,965	173,849	.298	.807	.823	-.07	-.02	-.01
8 a. DDrace	278	2.91	3.16	3.01	3.09	.056	.013	.008	.002	.94	.89	.95	.92	4,661	15,331	191,178	.000	.068	.001	-.29	-.11	-.19
b. DDeconomic	276	2.98	3.11	3.04	3.08	.054	.013	.007	.002	.90	.88	.91	.89	4,642	15,295	190,620	.019	.245	.047	-.15	-.07	-.12
c. DDreligion	276	2.92	3.01	2.98	3.01	.057	.014	.008	.002	.94	.95	.95	.95	4,626	15,253	190,089	.113	.265	.115	-.10	-.07	-.09
d. DDpolitical	273	2.86	2.89	2.96	2.99	.055	.015	.008	.002	.92	.98	.95	.94	4,597	15,212	189,374	.636	.070	.019	-.03	-.11	-.14
9 a. LSreading	275	3.04	3.12	3.15	3.16	.043	.012	.006	.002	.71	.78	.76	.77	318	286	275	.104	.016	.007	-.09	-.14	-.15
b. LSnotes	276	2.84	2.92	2.96	2.92	.050	.014	.007	.002	.83	.89	.90	.90	318	15,216	276	.161	.028	.109	-.08	-.13	-.09
c. LSsummary	272	2.67	2.77	2.85	2.84	.053	.014	.007	.002	.87	.91	.90	.90	4,562	15,025	187,162	.067	.001	.002	-.11	-.20	-.19
10. challenge	277	5.37	5.44	5.55	5.55	.067	.018	.009	.003	1.11	1.17	1.15	1.14	4,605	15,169	189,096	.337	.010	.009	-.06	-.16	-.16
11 a. intern ^l	275	.044	.085	.086	.086	.0124	.0042	.0023	.0006	--	--	--	--	--	--	--	.016	.012	.013	-.17	-.18	-.17
b. leader ^l	275	.107	.101	.113	.119	.0187	.0046	.0026	.0007	--	--	--	--	--	--	--	.728	.747	.537	.02	-.02	-.04
c. learncom ^l	274	.191	.145	.132	.153	.0238	.0054	.0028	.0008	--	--	--	--	--	--	--	.039	.005	.084	.12	.16	.10
d. abroad ^l	274	.011	.030	.034	.035	.0064	.0026	.0015	.0004	--	--	--	--	--	--	--	.077	.042	.032	-.13	-.16	-.16
e. research ^l	274	.024	.040	.051	.055	.0094	.0030	.0018	.0005	--	--	--	--	--	--	--	.188	.049	.029	-.09	-.14	-.16
f. capstone ^l	275	.028	.026	.028	.029	.0100	.0024	.0014	.0004	--	--	--	--	--	--	--	.825	.993	.928	.01	.00	-.01
12. servcourse	272	1.47	1.66	1.65	1.60	.039	.011	.006	.002	.64	.69	.67	.66	4,537	14,983	186,260	.000	.000	.001	-.27	-.26	-.20
13 a. QIstudent	273	5.28	5.50	5.58	5.58	.084	.021	.011	.003	1.38	1.38	1.37	1.37	4,568	14,988	187,402	.011	.001	.000	-.16	-.21	-.21
b. QIadvisor	273	5.36	4.89	5.16	5.11	.094	.027	.014	.004	1.55	1.73	1.70	1.71	4,340	14,719	183,750	.000	.059	.014	.27	.12	.15
c. QIfaculty	272	5.23	5.05	5.33	5.27	.080	.024	.012	.003	1.32	1.53	1.45	1.46	320	283	272	.032	.205	.653	.12	-.07	-.02
d. QIstaff	263	4.83	4.79	4.97	4.94	.101	.028	.015	.004	1.64	1.75	1.70	1.70	4,164	13,516	168,964	.711	.204	.313	.02	-.08	-.06
e. QIadmin	263	4.76	4.74	4.91	4.84	.106	.027	.015	.004	1.71	1.72	1.72	1.72	4,256	14,298	175,031	.872	.160	.468	.01	-.09	-.04
14 a. empstudy	266	3.02	3.16	3.18	3.21	.046	.012	.006	.002	.76	.77	.75	.75	303	14,119	266	.004	.000	.000	-.18	-.22	-.25
b. SEacademic	264	3.03	3.09	3.10	3.12	.050	.013	.007	.002	.82	.83	.84	.83	4,203	14,017	174,147	.236	.158	.079	-.08	-.09	-.11
c. SElearnsup	263	3.04	3.15	3.14	3.14	.055	.014	.008	.002	.90	.86	.89	.88	4,215	14,029	174,266	.040	.067	.053	-.13	-.11	-.12

NSSE 2014 Frequencies and Statistical Comparisons

Detailed Statistics^g Central Washington University

First-Year Students

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	CWU	CWU	Far West Public	Carnegie Class	NSSE 2013 & 2014	CWU	Far West Public	Carnegie Class	NSSE 2013 & 2014	CWU	Far West Public	Carnegie Class	NSSE 2013 & 2014	Comparisons with: Far West Public	Comparisons with: Carnegie Class	Comparisons with: NSSE 2013 & 2014	Far West Public	Carnegie Class	NSSE 2013 & 2014	Far West Public	Carnegie Class	NSSE 2013 & 2014
d. SEdiverse	265	2.57	2.83	2.72	2.74	.058	.016	.008	.002	.94	.98	.98	.98	4,210	14,039	174,507	.000	.013	.005	-.26	-.15	-.17
e. SEsocial	265	2.88	2.96	2.99	3.02	.052	.014	.008	.002	.84	.90	.90	.89	4,203	14,051	174,321	.130	.040	.008	-.10	-.13	-.16
f. SEwellness	260	2.97	2.96	2.94	3.00	.052	.014	.008	.002	.84	.90	.92	.90	300	271	260	.825	.566	.646	.01	.03	-.03
g. SEnonacad	265	2.35	2.42	2.38	2.40	.058	.016	.008	.002	.94	.99	.99	.99	4,196	13,965	173,321	.261	.576	.400	-.07	-.03	-.05
h. SEactivities	263	2.76	2.76	2.89	2.91	.056	.015	.008	.002	.91	.95	.93	.93	4,180	13,923	173,001	.902	.036	.013	.01	-.13	-.15
i. SEevents	263	2.41	2.54	2.58	2.60	.059	.016	.008	.002	.96	.99	.97	.97	4,170	13,912	172,523	.048	.005	.002	-.13	-.18	-.19
15 a. tmprephrs	262	11.20	13.21	13.75	14.30	.452	.127	.070	.020	7.32	7.95	8.22	8.40	4,189	274	262	.000	.000	.000	-.25	-.31	-.37
b. tmcocurrhrs	259	4.10	4.13	5.13	5.36	.363	.097	.058	.016	5.84	6.09	6.75	6.75	4,161	271	259	.930	.006	.001	-.01	-.15	-.19
c. tmworkonhrs	262	1.72	2.13	2.30	2.38	.300	.088	.047	.013	4.85	5.50	5.46	5.57	308	274	262	.191	.059	.030	-.07	-.11	-.12
d. tmworkoffhrs	262	2.03	4.13	6.19	5.02	.378	.134	.090	.023	6.13	8.42	10.55	9.52	331	292	263	.000	.000	.000	-.25	-.40	-.31
— tmworkhrs	262	3.75	6.15	8.41	7.31	.532	.165	.100	.027	8.62	10.28	11.64	10.99	313	280	263	.000	.000	.000	-.24	-.40	-.32
e. tmservicehrs	257	1.91	2.28	2.34	2.36	.247	.073	.037	.011	3.96	4.54	4.35	4.38	4,132	13,858	171,588	.203	.122	.103	-.08	-.10	-.10
f. tmrelaxhrs	260	14.75	12.77	12.30	12.59	.647	.144	.075	.021	10.43	9.01	8.71	8.66	285	266	260	.003	.000	.001	.22	.28	.25
g. tmcarehrs	259	1.21	2.75	3.56	3.01	.284	.105	.071	.018	4.58	6.54	8.32	7.51	333	292	261	.000	.000	.000	-.24	-.28	-.24
h. tmcommutehrs	257	2.76	4.18	3.44	3.67	.294	.088	.046	.013	4.71	5.53	5.41	5.46	305	269	257	.000	.024	.002	-.26	-.12	-.17
16. reading	257	2.90	3.04	2.89	2.85	.066	.018	.012	.003	1.06	1.09	1.09	1.11	3,829	8,724	101,627	.039	.897	.480	-.13	.01	.04
— tmreadinghrs	257	5.43	6.84	6.65	6.85	.290	.095	.064	.019	4.65	5.63	5.84	5.94	314	282	259	.000	.000	.000	-.25	-.21	-.24
17 a. pgwrite	261	2.88	2.92	2.90	2.87	.052	.014	.008	.002	.84	.89	.89	.90	4,176	13,969	261	.484	.815	.793	-.04	-.01	.02
b. pgspeak	260	2.45	2.79	2.72	2.69	.057	.015	.008	.002	.92	.92	.93	.94	4,166	13,912	172,660	.000	.000	.000	-.37	-.29	-.25
c. pgthink	259	3.04	3.10	3.09	3.09	.049	.013	.007	.002	.79	.82	.82	.82	296	269	259	.194	.341	.286	-.08	-.06	-.06
d. pganalyze	259	2.54	2.68	2.57	2.61	.058	.015	.008	.002	.93	.95	.97	.97	4,169	13,922	172,557	.023	.701	.242	-.15	-.02	-.07
e. pgwork	259	2.41	2.46	2.62	2.62	.063	.016	.008	.002	1.01	.98	.98	.98	4,157	13,925	172,696	.481	.001	.001	-.05	-.22	-.21
f. pgothers	258	2.70	2.88	2.85	2.84	.054	.014	.008	.002	.87	.90	.90	.90	4,158	13,889	172,331	.002	.009	.015	-.20	-.16	-.15
g. pgvalues	259	2.61	2.70	2.70	2.70	.059	.016	.008	.002	.95	.97	.97	.98	4,162	13,876	172,411	.131	.150	.150	-.10	-.09	-.09
h. pgdiverse	257	2.68	2.85	2.72	2.73	.060	.015	.008	.002	.97	.95	.96	.97	4,153	13,903	172,576	.006	.545	.404	-.18	-.04	-.05
i. pgprobsolve	259	2.57	2.61	2.58	2.61	.057	.015	.008	.002	.93	.96	.94	.95	4,158	13,889	172,323	.477	.787	.438	-.05	-.02	-.05
j. pgcitizen	258	2.54	2.63	2.62	2.63	.056	.016	.008	.002	.90	.97	.96	.96	298	13,823	171,635	.131	.159	.137	-.09	-.09	-.09
18. evalexp	259	3.17	3.10	3.21	3.23	.044	.011	.006	.002	.71	.70	.71	.72	4,190	13,963	173,407	.124	.390	.185	.10	-.05	-.08
19. sameinst	258	3.16	3.09	3.20	3.24	.049	.013	.007	.002	.79	.81	.81	.80	4,190	13,981	257	.194	.385	.105	.08	-.05	-.10

NSSE 2014 Frequencies and Statistical Comparisons

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Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	CWU	CWU	Far West Public	Carnegie Class	NSSE 2013 & 2014	CWU	Far West Public	Carnegie Class	NSSE 2013 & 2014	CWU	Far West Public	Carnegie Class	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:		
														Far West Public	Carnegie Class	NSSE 2013 & 2014	Far West Public	Carnegie Class	NSSE 2013 & 2014	Far West Public	Carnegie Class	NSSE 2013 & 2014
1 a. askquest	348	3.28	3.06	3.25	3.17	.044	.011	.007	.002	.81	.88	.82	.86	6,894	15,335	201,435	.000	.572	.016	.25	.03	.13
b. drafts	343	2.67	2.46	2.53	2.45	.059	.012	.008	.002	1.09	1.00	1.02	1.03	374	356	343	.000	.014	.000	.21	.14	.21
c. unpreparedr	343	2.97	2.91	3.07	3.00	.047	.010	.006	.002	.87	.78	.78	.79	371	355	343	.227	.035	.547	.07	-.13	-.04
d. attendart	345	1.93	1.83	1.90	1.87	.055	.011	.008	.002	1.01	.90	.94	.93	373	15,203	199,646	.087	.547	.243	.11	.03	.06
e. CLaskhelp	341	2.46	2.54	2.38	2.40	.049	.011	.007	.002	.91	.88	.88	.89	6,814	15,160	199,396	.110	.099	.214	-.09	.09	.07
f. CLexplain	331	2.87	2.85	2.72	2.74	.047	.010	.007	.002	.86	.82	.85	.85	6,653	14,896	195,368	.617	.002	.006	.03	.17	.15
g. CLstudy	333	2.56	2.59	2.45	2.47	.055	.012	.008	.002	.99	.98	1.01	1.00	6,667	14,900	195,421	.594	.033	.074	-.03	.12	.10
h. CLproject	331	3.03	3.06	2.84	2.87	.047	.011	.008	.002	.86	.86	.90	.92	6,622	347	331	.497	.000	.001	-.04	.21	.17
i. present	327	2.84	2.89	2.74	2.68	.050	.012	.008	.002	.91	.94	.97	.98	6,610	343	327	.366	.050	.002	-.05	.10	.16
2 a. RIintegrate	328	3.12	3.07	3.01	3.02	.043	.010	.007	.002	.78	.82	.84	.84	6,543	14,615	191,675	.294	.027	.036	.06	.12	.12
b. RIsocietal	327	2.97	2.89	2.89	2.87	.048	.012	.007	.002	.87	.90	.89	.90	6,474	14,464	189,296	.128	.084	.033	.09	.10	.12
c. RIdiverse	322	2.73	2.67	2.73	2.68	.051	.012	.008	.002	.92	.97	.94	.96	360	14,475	189,488	.292	.925	.410	.06	-.01	.05
d. RIownview	324	2.94	2.86	2.90	2.88	.047	.011	.007	.002	.84	.85	.83	.84	359	14,440	189,200	.084	.341	.153	.10	.05	.08
e. RIPerspect	325	3.08	2.99	2.98	2.96	.043	.011	.007	.002	.78	.83	.82	.83	6,444	14,431	188,803	.050	.021	.007	.11	.13	.15
f. RInewview	327	2.96	3.00	2.97	2.97	.045	.010	.007	.002	.82	.81	.80	.80	6,417	14,389	188,167	.350	.847	.916	-.05	-.01	-.01
g. RIconnect	320	3.31	3.26	3.26	3.25	.039	.010	.006	.002	.69	.76	.73	.74	6,380	14,313	187,254	.231	.297	.199	.07	.06	.07
3 a. SFcareer	322	2.54	2.33	2.48	2.42	.054	.012	.008	.002	.97	.94	.99	.98	6,390	14,377	187,920	.000	.277	.021	.22	.06	.13
b. SFotherwork	318	1.96	1.86	1.96	1.93	.057	.013	.009	.002	1.01	1.00	1.04	1.03	6,361	14,316	187,213	.071	.933	.497	.10	.00	.04
c. SFdiscuss	322	2.29	2.18	2.25	2.19	.050	.012	.008	.002	.89	.95	.97	.97	6,356	339	187,062	.058	.442	.084	.11	.04	.10
d. SFperform	319	2.27	2.20	2.29	2.22	.048	.012	.008	.002	.86	.91	.94	.93	6,337	336	186,528	.227	.706	.325	.07	-.02	.06
4 a. memorize	325	2.71	2.79	2.71	2.74	.052	.012	.008	.002	.93	.91	.91	.91	6,380	14,304	187,124	.094	.944	.546	-.10	.00	-.03
b. HOapply	325	3.13	3.14	3.16	3.15	.045	.010	.007	.002	.80	.81	.79	.80	6,355	14,251	186,257	.824	.566	.759	-.01	-.03	-.02
c. HOanalyze	321	3.12	3.13	3.12	3.12	.042	.011	.007	.002	.76	.83	.82	.83	362	337	321	.773	.927	.974	-.02	.00	.00
d. HOevaluate	323	3.03	2.98	3.02	2.98	.045	.011	.007	.002	.81	.88	.84	.87	6,327	14,226	185,816	.387	.937	.363	.05	.00	.05
e. HOform	323	3.05	3.00	3.03	3.00	.044	.011	.007	.002	.79	.87	.84	.86	6,326	14,176	185,305	.306	.630	.248	.06	.03	.06
5 a. ETgoals	325	3.17	3.18	3.22	3.21	.042	.010	.006	.002	.76	.77	.77	.77	6,380	14,321	187,126	.744	.173	.338	-.02	-.08	-.05
b. ETorganize	324	3.14	3.10	3.17	3.15	.041	.010	.007	.002	.73	.78	.78	.78	6,359	340	324	.409	.386	.655	.05	-.05	-.02
c. ETexample	325	3.13	3.16	3.19	3.16	.044	.011	.007	.002	.79	.82	.81	.82	6,343	14,251	186,166	.440	.178	.403	-.04	-.08	-.05
d. ETdraftfb	325	2.70	2.78	2.89	2.80	.054	.012	.008	.002	.98	.97	.95	.98	6,345	14,247	186,082	.180	.000	.062	-.08	-.20	-.10
e. ETfeedback	325	2.86	2.83	2.96	2.90	.047	.012	.008	.002	.85	.91	.89	.90	366	14,190	185,399	.644	.038	.374	.02	-.12	-.05

NSSE 2014 Frequencies and Statistical Comparisons

Detailed Statistics^g Central Washington University

Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	CWU	CWU	Far West Public	Carnegie Class	NSSE 2013 & 2014	CWU	Far West Public	Carnegie Class	NSSE 2013 & 2014	CWU	Far West Public	Carnegie Class	NSSE 2013 & 2014	Comparisons with: Far West Public	Comparisons with: Carnegie Class	Comparisons with: NSSE 2013 & 2014	Far West Public	Carnegie Class	NSSE 2013 & 2014	Far West Public	Carnegie Class	NSSE 2013 & 2014
6 a. QRconclude	325	2.79	2.69	2.62	2.63	.053	.012	.008	.002	.96	.95	.96	.97	6,366	14,294	186,778	.060	.001	.003	.11	.18	.17
b. QRproblem	325	2.57	2.48	2.43	2.43	.054	.013	.008	.002	.97	.99	.97	.98	6,349	14,260	186,394	.084	.007	.007	.10	.15	.15
c. QRevaluate	324	2.56	2.49	2.40	2.42	.053	.012	.008	.002	.96	.96	.95	.96	6,329	14,230	185,850	.228	.003	.012	.07	.17	.14
7 a. wrshortnum	301	10.00	8.07	7.88	7.81	.411	.092	.060	.016	7.13	6.77	6.73	6.77	331	313	301	.000	.000	.000	.28	.32	.32
b. wrmednum	290	4.44	3.98	3.52	3.59	.268	.060	.036	.010	4.56	4.36	4.07	4.29	5,624	300	167,230	.082	.001	.001	.10	.23	.20
c. wrlongnum	291	2.81	2.27	1.94	2.00	.266	.053	.032	.009	4.54	3.83	3.50	3.61	313	298	290	.048	.001	.003	.14	.25	.22
— wrpages	279	102.27	86.87	77.75	79.04	5.798	1.264	.758	.214	96.94	89.88	82.59	85.37	5,331	288	279	.006	.000	.000	.17	.30	.27
8 a. DDrace	314	3.12	3.23	3.03	3.13	.050	.012	.008	.002	.88	.89	.94	.92	5,966	13,504	175,994	.024	.117	.841	-.13	.09	-.01
b. DDeconomic	312	3.19	3.15	3.08	3.13	.044	.012	.008	.002	.77	.89	.88	.89	358	331	313	.386	.008	.128	.04	.14	.08
c. DDreligion	312	3.21	3.09	3.01	3.05	.049	.012	.008	.002	.86	.93	.93	.94	5,915	13,440	175,000	.021	.000	.002	.13	.21	.17
d. DDpolitical	310	3.19	3.00	3.04	3.06	.050	.013	.008	.002	.88	.95	.91	.92	5,890	13,390	174,359	.001	.004	.015	.20	.17	.14
9 a. LSreading	312	3.34	3.28	3.28	3.26	.043	.010	.007	.002	.76	.78	.76	.78	5,938	13,460	175,087	.149	.179	.082	.08	.08	.10
b. LSnotes	308	2.92	2.89	2.93	2.89	.053	.012	.008	.002	.93	.93	.94	.95	5,914	13,396	174,557	.497	.929	.496	.04	-.01	.04
c. LSsummary	306	2.94	2.86	2.94	2.90	.053	.013	.008	.002	.93	.93	.91	.92	5,859	13,255	172,796	.117	.878	.405	.09	.01	.05
10. challenge	313	5.52	5.64	5.73	5.68	.072	.016	.010	.003	1.27	1.21	1.16	1.18	5,912	324	313	.090	.004	.027	-.10	-.18	-.14
11 a. intern ^l	312	.539	.444	.489	.500	.0283	.0066	.0044	.0012	--	--	--	--	--	--	--	.001	.082	.169	.19	.10	.08
b. leader ^l	310	.342	.289	.348	.359	.0270	.0061	.0042	.0012	--	--	--	--	--	--	--	.043	.835	.536	.12	-.01	-.04
c. learncom ^l	309	.240	.227	.247	.244	.0243	.0056	.0038	.0010	--	--	--	--	--	--	--	.610	.757	.843	.03	-.02	-.01
d. abroad ^l	307	.073	.077	.129	.140	.0148	.0036	.0029	.0008	--	--	--	--	--	--	--	.808	.004	.001	-.01	-.19	-.22
e. research ^l	310	.246	.225	.245	.243	.0245	.0056	.0038	.0010	--	--	--	--	--	--	--	.399	.970	.917	.05	.00	.01
f. capstone ^l	310	.539	.467	.478	.460	.0284	.0067	.0044	.0012	--	--	--	--	--	--	--	.014	.034	.006	.14	.12	.16
12. servcourse	312	1.67	1.79	1.80	1.73	.039	.009	.006	.002	.69	.67	.69	.69	345	326	173,267	.002	.001	.121	-.18	-.19	-.09
13 a. QIstudent	311	5.61	5.69	5.78	5.72	.070	.017	.011	.003	1.23	1.30	1.26	1.30	5,869	13,206	172,525	.307	.022	.134	-.06	-.13	-.09
b. QIadvisor	308	4.97	5.07	5.37	5.19	.108	.024	.015	.004	1.89	1.78	1.73	1.78	5,746	319	171,467	.364	.000	.028	-.05	-.23	-.13
c. QIfaculty	303	5.52	5.48	5.68	5.57	.077	.019	.012	.003	1.34	1.39	1.32	1.36	5,828	13,167	171,743	.606	.041	.529	.03	-.12	-.04
d. QIstaff	264	4.66	4.78	4.96	4.85	.111	.026	.017	.005	1.81	1.76	1.75	1.76	4,760	10,662	141,632	.281	.007	.080	-.07	-.17	-.11
e. QIadmin	305	4.83	4.76	4.99	4.83	.101	.024	.015	.004	1.76	1.75	1.73	1.76	5,633	12,761	165,219	.492	.111	.992	.04	-.09	.00
14 a. empstudy	299	3.03	3.19	3.18	3.18	.045	.011	.007	.002	.78	.77	.76	.77	332	312	299	.001	.001	.001	-.21	-.20	-.20
b. SEacademic	298	2.80	2.91	3.01	2.98	.050	.012	.008	.002	.87	.86	.85	.86	5,545	311	298	.035	.000	.000	-.13	-.24	-.21
c. SElearnsup	295	2.83	2.82	2.89	2.89	.054	.013	.008	.002	.93	.94	.94	.94	5,549	12,680	164,313	.914	.265	.277	.01	-.07	-.06

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Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	CWU	CWU	Far West Public	Carnegie Class	NSSE 2013 & 2014	CWU	Far West Public	Carnegie Class	NSSE 2013 & 2014	CWU	Far West Public	Carnegie Class	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:						
														Far West Public	Carnegie Class	NSSE 2013 & 2014	Far West Public	Carnegie Class	NSSE 2013 & 2014	Far West Public	Carnegie Class	NSSE 2013 & 2014				
d. SEdiverse	296	2.43	2.62	2.59	2.59	.060	.014	.009	.002	1.04	1.01	.99	1.01	5,560	12,710	164,606	.002	.007	.006	-.18	-.16	-.16				
e. SEsocial	298	2.66	2.77	2.85	2.86	.053	.013	.008	.002	.91	.93	.93	.93	5,555	12,688	164,477	.043	.001	.000	-.12	-.20	-.22				
f. SEwellness	295	2.63	2.70	2.75	2.78	.058	.013	.009	.002	1.00	.96	.97	.97	5,522	12,631	163,695	.192	.032	.005	-.08	-.13	-.16				
g. SEnonacad	294	1.83	2.01	2.10	2.10	.056	.013	.009	.002	.95	.97	1.00	1.00	5,521	12,634	163,632	.002	.000	.000	-.18	-.27	-.27				
h. SEactivities	296	2.43	2.50	2.62	2.66	.056	.014	.009	.002	.96	.97	.99	1.00	5,508	12,591	163,171	.233	.001	.000	-.07	-.19	-.23				
i. SEevents	294	2.20	2.40	2.44	2.44	.054	.013	.009	.002	.92	.97	.98	.98	331	309	294	.000	.000	.000	-.21	-.25	-.24				
15 a. tmprephrs	292	16.16	15.56	14.67	14.95	.521	.124	.079	.022	8.91	8.99	8.79	8.93	5,539	12,659	164,176	.266	.004	.021	.07	.17	.13				
b. tmcocurrhrs	297	3.61	3.82	4.39	4.53	.333	.086	.062	.017	5.74	6.23	6.88	6.80	5,511	317	298	.570	.022	.006	-.03	-.11	-.14				
c. tmworkonhrs	292	4.35	3.17	3.54	3.68	.476	.093	.064	.018	8.13	6.71	7.13	7.21	314	302	292	.015	.091	.161	.17	.11	.09				
d. tmworkoffhrs	296	10.45	11.58	13.48	11.96	.787	.173	.123	.033	13.53	12.47	13.62	13.28	324	12,552	162,647	.162	.000	.051	-.09	-.22	-.11				
— tmworkhrs	291	14.43	14.67	16.91	15.52	.821	.179	.122	.033	14.00	12.86	13.45	13.33	318	12,475	161,625	.778	.002	.164	-.02	-.18	-.08				
e. tmservicehrs	295	3.00	3.21	3.20	3.09	.316	.075	.048	.013	5.42	5.40	5.35	5.28	5,482	12,508	162,191	.515	.510	.771	-.04	-.04	-.02				
f. tmrelaxhrs	293	10.89	10.83	10.29	10.74	.487	.115	.072	.020	8.34	8.29	8.02	8.17	5,500	12,569	162,862	.904	.208	.756	.01	.07	.02				
g. tmcarehrs	292	6.74	5.75	7.44	6.51	.667	.144	.109	.028	11.40	10.35	12.09	11.41	319	307	162,431	.151	.299	.731	.09	-.06	.02				
h. tmcommutehrs	293	3.88	5.69	4.47	4.57	.231	.074	.049	.013	3.95	5.35	5.43	5.32	355	319	294	.000	.012	.003	-.34	-.11	-.13				
16. reading	296	3.06	2.97	3.00	2.94	.064	.017	.013	.004	1.11	1.17	1.15	1.19	4,994	8,129	298	.220	.371	.072	.07	.05	.10				
— tmreadinghrs	290	8.35	7.83	7.53	7.42	.392	.096	.074	.021	6.68	6.57	6.54	6.46	4,964	8,070	95,158	.194	.037	.015	.08	.12	.14				
17 a. pgwrite	292	3.01	3.00	3.08	3.05	.054	.013	.008	.002	.93	.93	.89	.91	5,515	12,649	163,752	.888	.179	.390	.01	-.08	-.05				
b. pgspeak	291	2.84	2.92	2.97	2.94	.056	.013	.008	.002	.95	.93	.92	.94	5,501	12,614	163,191	.168	.020	.081	-.08	-.14	-.10				
c. pgthink	289	3.21	3.28	3.32	3.32	.051	.011	.007	.002	.87	.80	.78	.79	5,493	299	163,087	.154	.030	.022	-.09	-.14	-.13				
d. pganalyze	288	2.80	2.85	2.78	2.82	.063	.014	.009	.002	1.07	1.00	1.00	1.00	315	298	287	.378	.834	.731	-.06	.01	-.02				
e. pgwork	292	3.02	2.88	3.00	2.96	.054	.014	.009	.002	.92	.98	.95	.97	329	12,618	163,367	.013	.762	.292	.14	.02	.06				
f. pgothers	292	3.01	3.07	3.07	3.05	.055	.012	.008	.002	.94	.88	.89	.90	5,496	12,588	162,899	.231	.268	.442	-.07	-.07	-.05				
g. pgvalues	291	2.59	2.78	2.84	2.82	.062	.014	.009	.003	1.06	1.03	1.00	1.02	5,492	302	290	.002	.000	.000	-.18	-.26	-.23				
h. pgdiverse	291	2.64	2.84	2.81	2.81	.060	.014	.009	.002	1.02	1.00	.99	.99	5,498	12,599	163,164	.001	.004	.004	-.20	-.17	-.17				
i. pgprobsolve	291	2.73	2.81	2.81	2.82	.059	.014	.009	.002	1.00	.99	.96	.97	5,490	12,588	163,058	.183	.149	.118	-.08	-.09	-.09				
j. pgcitizen	290	2.59	2.68	2.74	2.71	.062	.014	.009	.002	1.05	1.01	.99	1.00	5,465	301	162,274	.118	.018	.041	-.09	-.15	-.12				
18. evalexp	296	3.10	3.16	3.30	3.28	.045	.010	.007	.002	.77	.75	.73	.74	5,526	12,653	296	.172	.000	.000	-.08	-.27	-.24				
19. sameinst	296	3.13	3.14	3.23	3.23	.051	.012	.008	.002	.88	.84	.84	.84	5,526	12,676	163,996	.978	.054	.045	.00	-.11	-.12				

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 *N*s due to weighting and whether equal variances were assumed.
- k. Statistical comparisons are two-tailed independent t-tests or z-tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.
- l. Mean represents the proportion who responded "Done or in progress."