



NSSE 2016

Frequencies and Statistical Comparisons

Central Washington University

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NSSE 2016 Frequencies and Statistical Comparisons


About This Report

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

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

Note: Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: nsse.indiana.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 2016 Frequencies and Statistical Comparisons

NSSEville State University

		Frequency Distributions ^a						Statistical Comparisons ^b											
		NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016			
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	3	0	244	2	54	2	6,952	3	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
		2	Sometimes	139	20	4,397	27	845	29	75,222	33								
		3	Often	212	33	5,947	37	1,086	38	81,724	35								
		4	Very often	280	46	5,440	34	889	31	66,983	29								
			Total	630	100	16,028	100	2,874	100	230,881	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
		2	Sometimes	267	42	5,959	37	978	34	79,495	34								
		3	Often	164	26	4,548	29	58	11	57,348	29								
		4	Very often	113	19	3,072	2	6	1	47,208	21								
			Total	626	100	14,987	100	2,858	100	229,541	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6	3.1	3.1	.02	3.1	-.04	3.0	.06	
		2	Sometimes	56	9	1,666	11	262	10	28,134	13								
		3	Often	384	63	9,147	57	1,586	57	128,802	56								
		4	Very often	150	24	4,267	27	851	29	58,873	26								
			Total	615	100	15,858	100	2,833	100	228,352	100								

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

8. **Key to symbols:**

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

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



NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
				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	5	2	132	4	498	5	1,516	3	2.8	2.8	.01	2.7	.06	2.9 *		-0.16
		2	Sometimes	78	38	1,404	39	4,357	40	18,482	33								
		3	Often	80	40	1,224	35	3,676	34	20,645	36								
		4	Very often	37	19	756	22	2,303	21	16,274	29								
		Total		200	100	3,516	100	10,834	100	56,917	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	25	13	545	16	1,360	14	8,181	14	2.6	2.5	.14	2.6	.05	2.6	.05	
		2	Sometimes	66	32	1,246	36	3,640	34	19,359	34								
		3	Often	64	33	1,053	29	3,422	32	16,986	30								
		4	Very often	44	21	646	19	2,334	21	11,974	21								
		Total		199	100	3,490	100	10,756	100	56,500	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	7	4	178	5	642	6	2,817	5	3.0	3.0	.05	2.9	.13	3.1	-0.04	
		2	Often	29	14	440	13	1,639	16	6,255	11								
		3	Sometimes	109	55	2,004	57	6,061	57	31,006	55								
		4	Never	53	27	852	24	2,380	22	16,098	29								
		Total		198	100	3,474	100	10,722	100	56,176	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	69	35	1,392	39	4,596	43	20,362	39	2.0	1.9	.05	1.8 *	.15	1.9	.02	
		2	Sometimes	79	40	1,328	39	3,964	38	21,400	38								
		3	Often	39	20	477	14	1,433	13	8,951	15								
		4	Very often	11	5	254	8	651	6	5,211	9								
		Total		198	100	3,451	100	10,644	100	55,924	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	11	6	239	8	712	7	5,500	13	2.6	2.6	-0.04	2.7	-0.11	2.5	.06	
		2	Sometimes	80	42	1,345	40	4,067	39	21,790	39								
		3	Often	86	42	1,283	36	3,815	36	19,097	32								
		4	Very often	22	10	581	16	2,006	18	9,379	16								
		Total		199	100	3,448	100	10,600	100	55,766	100								
f. Explained course material to one or more students	CLexplain	1	Never	4	1	128	4	375	4	3,184	7	2.6	2.7	-0.06	2.7	-0.09	2.6	.02	
		2	Sometimes	83	41	1,327	39	4,062	38	20,924	39								
		3	Often	91	48	1,375	39	4,195	40	21,558	37								
		4	Very often	19	9	599	18	1,934	18	9,828	17								
		Total		197	100	3,429	100	10,566	100	55,494	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	CWU				8 peers				Far West Public				Carnegie Group			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	22	11	479	16	1,421	14	8,606	18	2.5	2.5	-0.03	2.5	-0.07	2.5	.02	
		2	Sometimes	74	40	1,235	36	3,902	37	19,560	35								
		3	Often	79	41	1,083	30	3,236	31	16,776	29								
		4	Very often	22	9	635	18	2,016	19	10,510	18								
		Total		197	100	3,432	100	10,575	100	55,452	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	17	8	194	7	693	7	4,802	11	2.5	2.6 *	-0.16	2.6 *	-0.18	2.6	-0.07	
		2	Sometimes	82	44	1,386	41	4,146	39	20,733	38								
		3	Often	72	38	1,229	35	3,777	36	19,722	34								
		4	Very often	23	10	602	18	1,892	18	9,917	17								
		Total		194	100	3,411	100	10,508	100	55,174	100								
i. Given a course presentation	present	1	Never	57	30	550	16	1,606	15	9,131	19	1.9	2.4 ***	-0.49	2.4 ***	-0.51	2.3 ***	-0.41	
		2	Sometimes	98	50	1,443	42	4,383	42	23,732	42								
		3	Often	31	16	974	29	3,136	30	15,178	27								
		4	Very often	9	4	435	13	1,354	13	6,917	12								
		Total		195	100	3,402	100	10,479	100	54,958	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	14	6	215	7	731	7	3,930	8	2.6	2.7	-0.13	2.7	-0.09	2.6	-0.06	
		2	Sometimes	74	42	1,198	36	3,777	37	20,573	38								
		3	Often	77	40	1,334	39	3,894	38	19,733	36								
		4	Very often	25	12	598	18	1,876	18	9,532	18								
		Total		190	100	3,345	100	10,278	100	53,768	100								
b. Connected your learning to societal problems or issues	RSocietal	1	Never	12	6	248	8	764	8	4,285	9	2.5	2.6	-0.12	2.7 *	-0.13	2.6	-0.11	
		2	Sometimes	84	47	1,287	38	3,703	37	19,996	37								
		3	Often	68	36	1,224	36	3,844	37	19,598	36								
		4	Very often	23	12	558	18	1,898	18	9,442	18								
		Total		187	100	3,317	100	10,209	100	53,321	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	25	14	324	10	873	9	4,873	10	2.4	2.6 **	-0.21	2.6 ***	-0.25	2.6 **	-0.23	
		2	Sometimes	82	43	1,338	40	3,783	38	20,224	38								
		3	Often	62	31	1,066	31	3,594	35	18,482	34								
		4	Very often	21	11	579	18	1,924	18	9,603	18								
		Total		190	100	3,307	100	10,174	100	53,182	100								

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

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				CWU		8 peers		Far West Public		Carnegie Group		CWU	8 peers	Far West Public	Carnegie Group				
				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	6	2	161	5	449	5	2,489	5	2.7	2.8	-0.8	2.8	-1.0	2.8	-1.0	
		2	Sometimes	74	40	1,074	32	3,194	32	17,021	32								
		3	Often	82	43	1,469	44	4,434	44	22,767	43								
		4	Very often	26	15	583	19	2,063	20	10,725	21								
		Total		188	100	3,287	100	10,140	100	53,002	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	3	2	120	4	309	3	1,700	4	2.8	2.9 *	-0.17	2.9 *	-0.17	2.9 *	-0.16	
		2	Sometimes	63	36	907	27	2,770	28	14,864	28								
		3	Often	92	44	1,418	43	4,398	44	23,013	43								
		4	Very often	31	18	825	26	2,638	25	13,223	25								
		Total		189	100	3,270	100	10,115	100	52,800	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	6	3	100	3	269	3	1,546	3	2.8	2.9	-0.03	2.9	-0.06	2.9	-0.03	
		2	Sometimes	51	26	1,025	32	2,899	30	15,883	31								
		3	Often	100	54	1,351	40	4,379	43	22,745	43								
		4	Very often	31	17	766	25	2,529	24	12,412	24								
		Total		188	100	3,242	100	10,076	100	52,586	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	3	2	53	2	133	1	798	2	2.9	3.1 **	-0.20	3.1 *	-0.17	3.1 *	-0.17	
		2	Sometimes	44	24	685	21	2,153	22	11,102	22								
		3	Often	102	55	1,463	44	4,649	47	24,439	46								
		4	Very often	39	20	1,033	33	3,093	30	16,003	31								
		Total		188	100	3,234	100	10,028	100	52,342	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	20	11	679	21	2,616	27	10,440	22	2.4	2.2 **	.21	2.1 ***	.35	2.2 **	.22	
		2	Sometimes	93	48	1,514	46	4,505	45	23,880	45								
		3	Often	50	29	692	22	1,958	19	11,908	22								
		4	Very often	25	12	346	11	951	9	6,101	11								
		Total		188	100	3,231	100	10,030	100	52,329	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	85	42	1,681	52	5,533	55	25,940	52	1.9	1.8	.14	1.7 **	.22	1.7 *	.15	
		2	Sometimes	60	33	932	29	2,709	27	15,995	29								
		3	Often	31	19	404	13	1,208	12	6,780	13								
		4	Very often	12	6	209	7	547	6	3,430	7								
		Total		188	100	3,226	100	9,997	100	52,145	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				CWU		8 peers		Far West Public		Carnegie Group		CWU	8 peers		Far West Public		Carnegie Group		
				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	53	27	1,131	35	3,698	37	16,759	34	2.1	2.0	.09	1.9 *	.15	2.0	.07	
		2	Sometimes	90	48	1,345	42	4,034	41	21,859	40								
		3	Often	30	18	511	16	1,574	16	9,322	17								
		4	Very often	14	7	225	8	663	7	4,088	8								
		Total		187	100	3,212	100	9,969	100	52,028	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	43	22	906	27	2,824	29	12,032	25	2.3	2.1 **	.21	2.0 ***	.27	2.1 *	.15	
		2	Sometimes	73	39	1,490	46	4,579	46	24,182	46								
		3	Often	51	30	561	18	1,785	18	10,911	20								
		4	Very often	19	10	260	9	767	8	4,784	9								
		Total		186	100	3,217	100	9,955	100	51,909	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	7	5	82	3	298	3	1,902	4	2.9	3.0 *	-.17	3.0 *	-.17	2.9	-.09	
		2	Some	50	27	729	23	2,215	23	12,537	25								
		3	Quite a bit	87	46	1,496	46	4,472	45	22,990	44								
		4	Very much	43	22	909	28	2,983	29	14,613	27								
		Total		187	100	3,216	100	9,968	100	52,042	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	6	4	116	4	383	4	1,856	4	2.7	2.9 **	-.20	2.9 *	-.19	2.9 **	-.24	
		2	Some	61	32	791	25	2,564	26	12,621	25								
		3	Quite a bit	93	50	1,484	46	4,424	45	23,439	45								
		4	Very much	27	14	806	24	2,535	24	13,869	26								
		Total		187	100	3,197	100	9,906	100	51,785	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	9	5	135	4	378	4	1,880	4	2.8	2.9 *	-.19	2.9 **	-.22	3.0 **	-.24	
		2	Some	57	30	866	27	2,435	26	12,659	25								
		3	Quite a bit	89	49	1,358	42	4,222	43	22,423	43								
		4	Very much	30	16	823	27	2,802	27	14,571	28								
		Total		185	100	3,182	100	9,837	100	51,533	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	8	4	136	4	320	3	1,820	4	2.8	2.9	-.10	3.0 *	-.18	2.9 *	-.16	
		2	Some	49	26	927	28	2,405	25	12,976	25								
		3	Quite a bit	100	56	1,370	43	4,346	44	22,687	44								
		4	Very much	28	14	744	25	2,770	27	14,029	27								
		Total		185	100	3,177	100	9,841	100	51,512	100								

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

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Central Washington University

First-Year Students

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Statistical Comparisons^b

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
				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	5	3	152	5	424	4	2,109	4	2.8	2.9	-0.11	2.9 *	-0.15	2.9 *	-0.16	
		2	Some	61	33	942	29	2,583	27	13,351	26								
		3	Quite a bit	89	48	1,336	41	4,176	43	22,319	43								
		4	Very much	30	16	743	25	2,640	26	13,648	26								
		Total		185	100	3,173	100	9,823	100	51,427	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	5	3	58	2	212	2	987	2	2.9	3.1 **	-0.22	3.1 *	-0.18	3.1 ***	-0.25	
		2	Some	44	23	614	20	1,984	20	9,356	18								
		3	Quite a bit	92	50	1,493	44	4,383	44	23,145	44								
		4	Very much	45	24	1,017	34	3,341	33	18,218	36								
		Total		186	100	3,182	100	9,920	100	51,706	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	10	5	86	3	319	3	1,549	3	2.9	3.0 *	-0.15	3.0	-0.13	3.1 **	-0.20	
		2	Some	43	21	688	21	2,103	22	10,000	19								
		3	Quite a bit	89	51	1,507	45	4,404	45	23,249	44								
		4	Very much	44	23	898	31	3,070	30	16,788	33								
		Total		186	100	3,179	100	9,896	100	51,586	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	6	4	82	3	338	4	1,666	4	2.9	3.0 *	-0.18	3.0 *	-0.16	3.1 **	-0.20	
		2	Some	53	27	716	23	2,148	22	10,517	21								
		3	Quite a bit	80	45	1,342	40	3,999	41	21,314	41								
		4	Very much	47	25	1,027	34	3,393	33	17,972	35								
		Total		186	100	3,167	100	9,878	100	51,469	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	13	7	236	7	639	7	3,288	7	2.7	2.8	-0.09	2.9 *	-0.17	2.9 **	-0.20	
		2	Some	64	34	996	31	2,713	28	13,519	26								
		3	Quite a bit	69	39	1,117	35	3,542	36	18,910	36								
		4	Very much	38	20	814	26	2,956	29	15,737	31								
		Total		184	100	3,163	100	9,850	100	51,454	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	18	9	315	9	892	9	3,855	8	2.6	2.7	-0.11	2.7	-0.14	2.8 **	-0.24	
		2	Some	65	36	1,070	34	3,028	31	14,715	28								
		3	Quite a bit	70	39	1,091	34	3,489	36	19,217	37								
		4	Very much	30	16	677	23	2,419	24	13,496	27								
		Total		183	100	3,153	100	9,828	100	51,283	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
				Count	%	Count	%	Count	%	Count	%	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	25	13	410	13	1,302	12	6,832	13	2.5	2.6	-1.0	2.6	-1.0	2.6	-1.1	
		2	Sometimes	73	39	1,140	36	3,618	36	18,657	35								
		3	Often	65	37	1,119	35	3,468	36	17,583	34								
		4	Very often	21	11	502	16	1,503	16	8,511	17								
		Total		184	100	3,171	100	9,891	100	51,583	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	37	20	666	21	2,095	21	11,018	21	2.2	2.3	-1.0	2.3	-1.0	2.3	-1.1	
		2	Sometimes	88	47	1,309	41	4,024	41	20,729	40								
		3	Often	43	24	837	27	2,673	28	13,655	27								
		4	Very often	17	8	358	12	1,081	11	6,093	12								
		Total		185	100	3,170	100	9,873	100	51,495	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	39	21	642	20	2,050	20	10,794	21	2.2	2.3	-0.9	2.3	-1.0	2.3	-0.9	
		2	Sometimes	83	46	1,361	42	4,175	42	21,619	42								
		3	Often	47	26	861	28	2,618	28	13,495	27								
		4	Very often	15	7	295	10	982	10	5,413	11								
		Total		184	100	3,159	100	9,825	100	51,321	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	3	2	166	6	336	4	1,852	4	6.9	6.2	.12	6.5	.07	6.9	.00	
		1.5	1-2	39	23	587	21	1,725	19	8,579	19								
		4	3-5	61	35	975	34	3,219	35	15,112	32								
		8	6-10	29	16	684	23	2,214	25	12,030	25								
		13	11-15	23	13	283	9	863	9	5,124	10								
		18	16-20	11	7	109	4	317	4	2,350	5								
		23	More than 20	8	4	126	4	381	4	2,428	5								
		Total		174	100	2,930	100	9,055	100	47,475	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	52	33	1,001	36	2,829	31	14,420	32	2.1	2.1	.03	2.4	-0.07	2.3	-0.04	
		1.5	1-2	76	42	1,196	41	3,548	40	19,503	41								
		4	3-5	32	18	443	16	1,590	19	8,380	18								
		8	6-10	6	4	147	5	601	7	2,964	7								
		13	11-15	4	2	40	1	156	2	654	2								
		18	16-20	3	1	16	1	47	1	203	0								
23	More than 20	0	0	14	1	38	0	210	1										

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

NSSE 2016 Frequencies and Statistical Comparisons Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
			CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
			Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
		Total	173	100	2,857	100	8,809	100	46,334	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	CWU				8 peers				Far West Public				Carnegie Group			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
c. 11 pages or more	wrlongnum	0	None	140	82	2,195	78	6,705	77	34,526	76	.5	.8	-10	.9 *	-13	.9 *	-12	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	19	11	454	16	1,254	15	7,907	17								
		4	3-5	8	6	83	3	273	3	1,408	3								
		8	6-10	0	0	44	2	169	2	735	2								
		13	11-15	0	0	27	1	108	1	403	1								
		18	16-20	2	1	8	0	44	0	136	0								
	23	More than 20	0	0	14	1	43	1	239	1									
	Total			169	100	2,825	100	8,596	100	45,354	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.)								44.6	44.9	.00	50.0	-.08	49.7	-.08		
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	6	147	5	390	5	2,462	6	3.0	3.0	.02	3.1	-.13	3.0	-.02	
		2	Sometimes	46	25	845	26	1,902	21	11,744	24								
		3	Often	53	31	945	32	2,844	32	14,819	31								
		4	Very often	66	39	1,027	37	4,054	43	18,872	39								
		Total		175	100	2,964	100	9,190	100	47,897	100								
b. People from an economic background other than your own	DDeconomic	1	Never	10	5	141	5	517	6	2,413	6	2.9	3.0	-11	3.0 *	-16	3.0	-14	
		2	Sometimes	47	30	751	25	2,071	23	11,091	24								
		3	Often	63	36	1,106	36	3,097	34	16,723	35								
		4	Very often	50	29	956	34	3,477	37	17,517	36								
		Total		170	100	2,954	100	9,162	100	47,744	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	9	5	181	7	679	8	3,197	7	3.0	2.9	.02	3.0	-.01	3.0	.00	
		2	Sometimes	45	26	808	27	2,274	25	12,443	26								
		3	Often	64	36	972	31	2,818	31	14,870	31								
		4	Very often	56	32	995	34	3,395	36	17,226	36								
		Total		174	100	2,956	100	9,166	100	47,736	100								
d. People with political views other than your own	DDpolitical	1	Never	10	6	195	8	848	9	3,304	8	3.0	2.9	.08	2.9	.13	2.9	.05	
		2	Sometimes	45	25	802	28	2,561	28	12,367	26								
		3	Often	61	36	973	31	2,830	31	15,586	32								
		4	Very often	58	34	972	33	2,893	31	16,304	34								
		Total		174	100	2,956	100	9,166	100	47,736	100								

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

NSSE 2016 Frequencies and Statistical Comparisons Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
			CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
			Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
		Total	174	100	2,942	100	9,132	100	47,561	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				CWU		8 peers		Far West Public		Carnegie Group		CWU	8 peers	Far West Public	Carnegie Group				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	4	3	42	2	113	1	678	2	3.0	3.1	-0.13	3.1	-0.14	3.1 **	-0.20	
		2	Sometimes	45	24	627	21	1,855	21	8,964	19								
		3	Often	83	47	1,363	46	4,168	46	21,192	45								
		4	Very often	42	26	901	31	3,001	31	16,661	35								
		Total		174	100	2,933	100	9,137	100	47,495	100								
b. Reviewed your notes after class	LSnotes	1	Never	7	3	154	5	430	5	2,151	5	2.9	2.9	-0.01	2.9	.02	3.0	-0.07	
		2	Sometimes	55	33	911	31	2,824	32	13,116	28								
		3	Often	62	34	981	34	3,092	35	16,228	35								
		4	Very often	50	29	880	30	2,751	29	15,879	33								
		Total		174	100	2,926	100	9,097	100	47,374	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	5	3	192	7	669	8	2,735	6	2.8	2.8	.03	2.7	.07	2.9	-0.07	
		2	Sometimes	61	36	968	33	3,005	34	13,875	29								
		3	Often	70	39	1,062	37	3,215	36	17,317	37								
		4	Very often	36	22	695	24	2,155	22	13,094	28								
		Total		172	100	2,917	100	9,044	100	47,021	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	0	0	10	0	34	0	219	1	5.4	5.4	-0.03	5.5	-0.05	5.5	-0.12	
		2		2	1	23	1	74	1	424	1								
		3		2	1	111	4	297	4	1,416	3								
		4		21	13	302	11	1,055	12	4,660	10								
		5		69	37	1,043	35	3,156	35	15,573	32								
		6		56	33	903	30	2,594	28	14,255	29								
		7	Very much	25	14	538	19	1,888	20	10,822	23								
		Total		175	100	2,930	100	9,098	100	47,369	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		34	20	341	13	1,269	14	5,334	13	2%	7% *	-0.24	8% **	-0.26	8% **	-0.26	
		Do not plan to do		16	9	125	5	384	5	2,095	6								
		Plan to do		122	69	2,252	75	6,747	73	36,108	74								
		Done or in progress		3	2	210	7	691	8	3,728	8								
		Total		175	100	2,928	100	9,091	100	47,265	100								

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NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a				Statistical Comparisons ^b										
				CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group
				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	51	27	819	28	2,774	30	13,458	29	13%	11%	.06	9%	.12	11%	.07
			Do not plan to do	45	27	685	25	2,325	26	11,283	26							
			Plan to do	56	33	1,105	36	3,146	35	17,235	35							
			Done or in progress	23	13	311	11	807	9	5,109	11							
			Total	175	100	2,920	100	9,052	100	47,085	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	56	30	983	33	2,931	32	15,680	33	15%	10%	.13	13%	.05	13%	.04
			Do not plan to do	40	23	791	28	2,047	24	11,894	26							
			Plan to do	56	32	852	29	2,840	31	12,988	27							
			Done or in progress	24	15	284	10	1,216	13	6,412	13							
			Total	176	100	2,910	100	9,034	100	46,974	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	62	37	850	30	2,605	29	13,346	29	2%	4%	-.12	3%	-.09	3%	-.10
			Do not plan to do	50	28	806	28	2,042	24	13,059	30							
			Plan to do	61	34	1,165	38	4,121	44	19,023	38							
			Done or in progress	3	2	91	4	264	3	1,529	3							
			Total	176	100	2,912	100	9,032	100	46,957	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	67	37	1,172	41	3,564	40	18,330	39	7%	5%	.11	5%	.11	5%	.09
			Do not plan to do	41	24	727	24	1,926	21	11,396	25							
			Plan to do	55	31	888	30	3,088	35	14,758	31							
			Done or in progress	12	7	116	5	413	5	2,291	5							
			Total	175	100	2,903	100	8,991	100	46,775	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	62	35	1,068	36	3,215	35	14,674	32	2%	3%	-.03	3%	-.02	3%	-.04
			Do not plan to do	16	11	307	11	805	9	4,429	10							
			Plan to do	93	52	1,466	50	4,760	53	26,480	54							
			Done or in progress	4	2	66	3	230	3	1,215	3							
			Total	175	100	2,907	100	9,010	100	46,798	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								
	1	2	3	4	104	61	9	2	59	34	6	1	1.5	1.7 **	-.25	1.7 ***	-.26	1.7 **	-.25					
	1,381	1,254	221	37	45	46	8	1	4,095	4,021	680	138								45	45	8	2	
	20,668	21,732	3,603	661	46	45	8	2																

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

NSSE 2016 Frequencies and Statistical Comparisons Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
			CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
			Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
		Total	176	100	2,893	100	8,934	100	46,664	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	5	3	55	2	174	2	841	2	5.3	5.4	-.04	5.4	-.02	5.5	-.09	
		2		2	1	63	2	223	2	1,051	2								
		3		9	5	166	6	516	6	2,234	5								
		4		25	12	312	12	1,172	13	5,042	11								
		5		51	29	749	25	2,342	26	11,412	24								
		6		49	29	845	27	2,370	26	12,923	27								
		7	Excellent	34	20	710	25	2,226	25	13,160	28								
		—	Not applicable	1	1	18	1	49	1	361	1								
			Total	176	100	2,918	100	9,072	100	47,024	100								
b. Academic advisors	QIadvisor	1	Poor	3	2	129	5	471	5	1,828	4	5.4	5.1 **	.20	4.9 ***	.28	5.2	.14	
		2		9	5	167	6	554	6	2,342	5								
		3		9	5	262	9	866	9	3,765	8								
		4		23	12	417	13	1,195	13	6,255	13								
		5		39	22	571	18	1,840	20	9,024	19								
		6		37	21	596	20	1,715	19	9,717	20								
		7	Excellent	54	32	699	26	1,921	21	13,040	28								
		—	Not applicable	1	1	70	3	486	6	959	3								
			Total	175	100	2,911	100	9,048	100	46,930	100								
c. Faculty	QIfaculty	1	Poor	2	1	72	3	338	4	979	2	5.1	5.1	-.02	5.0	.09	5.3	-.14	
		2		10	5	109	4	469	5	1,371	3								
		3		13	8	216	7	823	9	2,701	6								
		4		22	12	411	13	1,401	15	6,024	13								
		5		56	32	792	25	2,166	24	11,467	24								
		6		42	25	793	27	2,114	24	13,086	27								
		7	Excellent	27	16	475	18	1,503	17	10,631	23								
		—	Not applicable	1	1	29	1	187	2	462	1								
			Total	173	100	2,897	100	9,001	100	46,721	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
				Count	%	Count	%	Count	%	Count	%	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	6	3	135	5	621	7	2,179	5	5.1	5.0	.08	4.7 **	.21	5.0	.06	
		2		11	5	143	5	571	6	2,175	5								
		3		11	6	218	7	766	8	3,313	7								
		4		20	11	386	13	1,250	14	6,114	13								
		5		44	26	644	21	1,689	19	9,347	19								
		6		52	29	660	22	1,677	19	9,890	20								
		7	Excellent	24	15	504	18	1,395	16	9,303	20								
		—	Not applicable	7	4	215	8	1,040	11	4,485	11								
Total				175	100	2,905	100	9,009	100	46,806	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	5	3	126	5	572	6	2,183	5	5.0	4.9	.05	4.7 **	.18	5.0	.02	
		2		8	5	172	6	674	7	2,563	5								
		3		11	5	242	8	878	9	3,751	8								
		4		27	16	432	14	1,366	15	6,709	14								
		5		48	27	645	21	1,819	20	9,737	20								
		6		46	27	618	22	1,705	19	9,935	21								
		7	Excellent	21	12	495	19	1,347	16	9,385	21								
		—	Not applicable	10	5	185	6	657	7	2,594	6								
Total				176	100	2,915	100	9,018	100	46,857	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	7	5	47	2	134	2	749	2	3.0	3.2 *	-20	3.1 *	-18	3.2 **	-21
		2	Some	30	16	440	17	1,523	18	6,932	16							
		3	Quite a bit	91	54	1,304	46	3,776	45	20,206	46							
		4	Very much	44	26	982	35	3,090	35	16,439	36							
		Total				172	100	2,773	100	8,523	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	10	5	110	4	326	4	1,577	4	2.9	3.1 **	-23	3.0 *	-18	3.1 **	-25
		2	Some	46	27	558	20	1,835	22	8,146	20							
		3	Quite a bit	75	44	1,181	41	3,501	42	18,014	41							
		4	Very much	40	24	898	35	2,785	32	16,194	35							
		Total				171	100	2,747	100	8,447	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	9	5	172	6	465	6	2,330	6	2.9	3.1 *	-19	3.1	-15	3.1 **	-21
		2	Some	40	24	467	17	1,587	19	7,210	17							
		3	Quite a bit	72	42	1,043	37	3,092	38	15,712	36							
		4	Very much	49	29	1,065	40	3,296	37	18,661	41							
		Total				170	100	2,747	100	8,447	100							

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

NSSE 2016 Frequencies and Statistical Comparisons Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
			CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
			Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
		Total	170	100	2,747	100	8,440	100	43,913	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				CWU		8 peers		Far West Public		Carnegie Group		CWU	8 peers		Far West Public		Carnegie Group	
				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	26	15	314	11	920	11	4,833	12	2.6	2.7	-0.13	2.7	-0.14	2.8 *	-0.16
		2	Some	47	26	823	30	2,381	29	12,225	28							
		3	Quite a bit	69	43	931	33	2,855	34	14,735	34							
		4	Very much	27	16	673	26	2,288	26	12,126	27							
		Total		169	100	2,741	100	8,444	100	43,919	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	10	5	122	5	553	6	2,532	7	2.8	3.0 **	-0.22	2.9	-0.12	3.0 *	-0.17
		2	Some	48	28	596	23	2,086	25	9,597	23							
		3	Quite a bit	75	47	1,133	40	3,217	39	16,748	38							
		4	Very much	36	20	887	32	2,581	30	14,992	33							
		Total		169	100	2,738	100	8,437	100	43,869	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	13	7	161	6	594	7	3,097	8	2.8	3.0 *	-0.19	2.9	-0.15	2.9	-0.13
		2	Some	43	25	612	23	1,960	24	9,694	23							
		3	Quite a bit	76	47	1,091	38	3,157	38	16,636	37							
		4	Very much	36	20	862	32	2,704	31	14,366	31							
		Total		168	100	2,726	100	8,415	100	43,793	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	27	16	555	20	1,734	21	9,026	22	2.4	2.4	.01	2.4	.01	2.4	.01
		2	Some	66	39	992	36	2,909	35	14,926	34							
		3	Quite a bit	57	35	788	29	2,361	28	12,440	28							
		4	Very much	18	11	392	15	1,416	16	7,405	17							
		Total		168	100	2,727	100	8,420	100	43,797	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	9	5	212	8	896	11	4,248	12	2.7	2.8	-0.10	2.8	-0.03	2.8	-0.05
		2	Some	58	34	767	27	2,316	28	10,463	25							
		3	Quite a bit	71	43	1,059	38	3,008	36	16,110	36							
		4	Very much	31	18	689	26	2,165	25	12,866	28							
		Total		169	100	2,727	100	8,385	100	43,687	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	23	15	412	16	1,484	17	6,578	17	2.5	2.5	-0.04	2.5	-0.03	2.5	-0.08
		2	Some	63	37	1,002	36	2,825	34	13,986	32							
		3	Quite a bit	60	36	840	30	2,536	31	14,006	31							
		4	Very much	22	12	455	18	1,537	18	9,013	20							
		Total		168	100	2,709	100	8,382	100	43,583	100							

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a						Statistical Comparisons ^b									
				CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
				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	10	0	38	0	178	0	12.6	13.0	-.06	13.2	-.08	13.7	-.13	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	30	18	382	16	1,446	17	6,434	15								
		8	6-10 hrs	50	30	720	28	2,238	26	10,892	25								
		13	11-15 hrs	35	21	601	22	1,813	22	9,662	22								
		18	16-20 hrs	30	17	508	17	1,388	17	7,759	17								
		23	21-25 hrs	13	7	303	10	750	9	4,523	10								
		28	26-30 hrs	6	3	118	4	406	5	2,307	5								
		33	More than 30 hrs	7	4	97	3	353	4	2,101	5								
			Total	171	100	2,739	100	8,432	100	43,856	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	60	35	894	36	3,828	44	14,599	37	5.0	4.8	.03	4.3	.11	5.1	-.02	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	59	35	947	34	2,410	29	14,646	32								
		8	6-10 hrs	28	16	434	15	1,067	13	6,732	15								
		13	11-15 hrs	8	6	221	8	536	7	3,495	8								
		18	16-20 hrs	5	3	122	4	270	3	2,142	5								
		23	21-25 hrs	5	3	57	2	130	2	1,061	2								
		28	26-30 hrs	3	1	19	1	59	1	408	1								
		33	More than 30 hrs	2	1	19	1	74	1	496	1								
			Total	170	100	2,713	100	8,374	100	43,579	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	139	83	2,247	82	7,114	84	34,274	80	2.1	2.0	.00	1.9	.02	2.2	-.03	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	3	79	3	208	3	2,109	4								
		8	6-10 hrs	5	3	161	6	346	4	3,433	7								
		13	11-15 hrs	8	4	115	4	336	4	2,053	5								
		18	16-20 hrs	10	6	90	4	275	4	1,168	3								
		23	21-25 hrs	1	0	22	1	66	1	357	1								
		28	26-30 hrs	0	0	5	0	18	0	124	0								
		33	More than 30 hrs	0	0	8	0	35	0	161	0								
			Total	170	100	2,727	100	8,398	100	43,679	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b										
				CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group				
				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	141	82	1,849	67	5,586	67	28,504	63	2.5	▼	5.4 ***	-0.32	▼	5.4 ***	-0.32	▼	6.6 ***	-0.39	
		(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	9	6	138	5	423	5	2,253											5
			8	6-10 hrs	3	2	144	5	456	5	2,592											6
			13	11-15 hrs	4	3	148	5	478	6	2,391											5
			18	16-20 hrs	6	4	168	6	541	6	2,571											6
			23	21-25 hrs	2	1	120	5	399	5	1,739											4
			28	26-30 hrs	0	0	67	3	224	3	1,102											3
			33	More than 30 hrs	5	2	83	4	283	4	2,389											8
			Total	170	100	2,717	100	8,390	100	43,541	100											
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)									4.5	▼	7.4 ***	-0.27	▼	7.3 ***	-0.25	▼	8.7 ***	-0.36	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	118	72	1,590	59	4,849	59	24,248	56	1.6	▼	2.2	-0.14	▼	2.5 *	-0.18	▼	2.5 *	-0.19	
		(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	36	20	810	29	2,391	29	13,965											31
			8	6-10 hrs	8	4	173	6	574	7	2,811											7
			13	11-15 hrs	2	1	73	3	255	3	1,143											3
			18	16-20 hrs	4	3	36	1	140	2	612											2
			23	21-25 hrs	1	0	16	1	52	1	282											1
			28	26-30 hrs	0	0	4	0	20	0	94											0
			33	More than 30 hrs	0	0	6	0	40	0	191											1
			Total	169	100	2,708	100	8,321	100	43,346	100											
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	3	1	37	2	163	2	908	2	12.1	▼	12.5	-0.05	▼	12.0	.00	▼	11.8	.03	
		(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	38	22	503	21	2,038	24	9,987											24
			8	6-10 hrs	49	28	739	27	2,232	26	11,976											27
			13	11-15 hrs	42	25	570	20	1,651	20	8,608											19
			18	16-20 hrs	13	9	397	14	990	12	5,509											12
			23	21-25 hrs	7	4	202	7	524	6	2,813											6
			28	26-30 hrs	8	5	91	3	222	3	1,264											3
			33	More than 30 hrs	9	6	173	6	534	7	2,462											6
			Total	169	100	2,712	100	8,354	100	43,527	100											

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a						Statistical Comparisons ^b												
				CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group				
				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	144	86	2,099	75	5,477	67	31,544	69	1.2	▽	2.4 **	-0.20	▽	3.2 ***	-0.30	▽	3.9 ***	-0.32	
		(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	17	9	293	12	1,320	15	5,040											12
			8	6-10 hrs	3	2	125	5	619	7	2,304											6
			13	11-15 hrs	0	0	83	3	375	4	1,305											3
			18	16-20 hrs	3	2	50	2	227	3	821											2
			23	21-25 hrs	0	0	21	1	100	1	450											1
			28	26-30 hrs	1	0	13	1	43	0	270											1
			33	More than 30 hrs	2	1	30	1	168	2	1,720											5
			Total	170	100	2,714	100	8,329	100	43,454	100											
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	70	39	1,098	34	1,753	22	19,678	43	3.1	▽	3.9 *	-0.15	▽	5.2 ***	-0.34	3.8	-0.11		
		(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	74	46	1,110	45	3,974	47	15,193										36	
			8	6-10 hrs	13	7	319	13	1,549	18	4,939										12	
			13	11-15 hrs	8	5	95	4	568	7	1,883										5	
			18	16-20 hrs	3	2	57	2	289	3	891										2	
			23	21-25 hrs	0	0	18	1	103	1	393										1	
			28	26-30 hrs	2	1	11	0	45	1	181										0	
			33	More than 30 hrs	0	0	20	1	108	1	463										1	
			Total	170	100	2,728	100	8,389	100	43,621	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	16	9	294	11	818	10	4,276	10	2.8	2.8	-0.03	2.9	-0.11	2.9	-0.10				
		2	Some	54	32	892	32	2,448	30	13,138	30											
		3	About half	56	35	826	32	2,515	30	13,489	32											
		4	Most	38	22	517	19	1,775	21	9,212	21											
		5	Almost all	5	2	190	7	765	9	3,365	7											
			Total	169	100	2,719	100	8,321	100	43,480	100											
	tmreadinghrs											5.7	6.1	-0.08	6.4	-0.13	6.7 **	-0.17				
	(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. See the endnotes on the last page of this report.

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
	tmreadinghrscol	1	0 hrs	0	0	9	0	32	0	160	0								
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	99	60	1,402	54	4,243	52	21,290	50								
		3	More than 5, up to 10 hrs	47	27	815	30	2,457	29	12,937	30								
		4	More than 10, up to 15 hrs	14	8	259	9	767	9	4,432	10								
		5	More than 15, up to 20 hrs	5	3	119	4	381	4	2,319	5								
		6	More than 20, up to 25 hrs	3	1	82	3	281	3	1,541	3								
		7	More than 25 hrs	1	0	22	1	112	1	612	1								
			Total		169	100	2,708	100	8,273	100	43,291	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	11	7	192	7	484	6	2,702	6	2.8	2.8	-0.03	2.9	-0.10	2.9	-0.10
		2	Some	42	25	748	27	1,966	24	10,628	24							
		3	Quite a bit	80	48	1,105	41	3,613	43	18,286	42							
		4	Very much	36	20	668	26	2,327	27	11,928	28							
		Total		169	100	2,713	100	8,390	100	43,544	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	24	15	240	8	672	8	4,147	10	2.5	2.8 ***	-0.28	2.8 ***	-0.33	2.8 **	-0.24
		2	Some	54	31	842	30	2,289	27	12,589	29							
		3	Quite a bit	66	40	1,006	38	3,323	40	16,497	38							
		4	Very much	23	14	614	24	2,078	25	10,200	24							
		Total		167	100	2,702	100	8,362	100	43,433	100							
c. Thinking critically and analytically	pgthink	1	Very little	8	5	82	3	266	3	1,408	4	3.0	3.1	-0.14	3.1	-0.14	3.1 *	-0.16
		2	Some	35	20	524	19	1,580	19	7,945	18							
		3	Quite a bit	80	49	1,226	44	3,708	45	18,832	43							
		4	Very much	45	26	873	33	2,808	33	15,237	35							
		Total		168	100	2,705	100	8,362	100	43,422	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	24	14	351	12	1,053	12	6,464	14	2.5	2.6	-0.10	2.6	-0.12	2.6	-0.08
		2	Some	57	34	873	33	2,682	32	14,049	32							
		3	Quite a bit	59	37	943	35	2,960	36	14,245	33							
		4	Very much	26	15	546	20	1,654	20	8,621	21							

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

NSSE 2016 Frequencies and Statistical Comparisons Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
			CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group
			Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
		Total	166	100	2,713	100	8,349	100	43,379	100							

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group
				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	25	15	393	15	1,527	18	5,730	14	2.5	2.6	-.08	2.5	.03	2.6	-.12
		2	Some	61	34	902	32	2,770	33	13,636	31							
		3	Quite a bit	58	36	912	34	2,573	31	14,528	33							
		4	Very much	25	14	501	19	1,488	17	9,503	22							
		Total		169	100	2,708	100	8,358	100	43,397	100							
f. Working effectively with others	pgothers	1	Very little	9	6	182	7	582	7	2,799	7	2.8	2.8	-.07	2.8	-.05	2.9	-.08
		2	Some	51	30	730	26	2,331	28	11,284	27							
		3	Quite a bit	74	44	1,110	40	3,257	40	17,448	39							
		4	Very much	35	20	672	26	2,166	25	11,810	27							
		Total		169	100	2,694	100	8,336	100	43,341	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	18	10	313	12	1,052	13	4,667	12	2.7	2.7	.00	2.7	.03	2.7	-.05
		2	Some	48	29	812	29	2,480	29	11,946	28							
		3	Quite a bit	72	44	993	37	2,969	36	15,814	36							
		4	Very much	30	17	587	22	1,859	21	10,967	25							
		Total		168	100	2,705	100	8,360	100	43,394	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	15	9	270	10	723	9	4,349	11	2.7	2.8	-.07	2.8	-.11	2.8	-.07
		2	Some	48	29	809	29	2,258	27	12,088	28							
		3	Quite a bit	74	43	938	35	3,065	36	15,270	35							
		4	Very much	31	19	686	27	2,310	27	11,689	27							
		Total		168	100	2,703	100	8,356	100	43,396	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	17	10	314	12	1,070	13	5,164	12	2.6	2.6	-.01	2.6	.03	2.6	-.01
		2	Some	61	35	942	34	2,803	34	14,263	33							
		3	Quite a bit	64	39	924	34	2,887	35	14,961	34							
		4	Very much	27	16	522	20	1,590	19	8,943	21							
		Total		169	100	2,702	100	8,350	100	43,331	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	18	10	364	14	1,098	13	5,408	13	2.7	2.6	.07	2.6	.08	2.6	.02
		2	Some	54	31	918	33	2,777	33	13,537	31							
		3	Quite a bit	67	42	894	33	2,814	34	14,857	34							
		4	Very much	28	17	517	20	1,643	19	9,379	22							
		Total		167	100	2,693	100	8,332	100	43,181	100							

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	6	4	42	2	150	2	804	2	3.1	3.1	-.07	3.1	.00	3.2 *	-0.16	
		2	Fair	20	12	338	13	1,302	16	5,198	13								
		3	Good	97	57	1,519	55	4,635	55	21,288	49								
		4	Excellent	47	27	824	30	2,313	27	16,272	37								
		Total		170	100	2,723	100	8,400	100	43,562	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	6	3	106	4	287	4	1,697	4	3.2	3.1	.06	3.1	.10	3.2	-.02	
		2	Probably no	24	15	375	13	1,315	15	5,543	13								
		3	Probably yes	70	42	1,259	46	3,981	47	18,112	42								
		4	Definitely yes	70	40	983	36	2,836	34	18,258	41								
		Total		170	100	2,723	100	8,419	100	43,610	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
				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	3	1	132	3	608	3	1,456	2	3.3	3.1 ***	.19	3.0 ***	.26	3.2	.05	
		2	Sometimes	78	19	1,288	25	5,576	28	15,295	20								
		3	Often	139	34	1,651	32	6,066	31	23,766	31								
		4	Very often	198	47	2,041	40	7,474	38	36,221	47								
		Total		418	100	5,112	100	19,724	100	76,738	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	62	15	1,107	22	3,563	18	14,481	19	2.6	2.4 ***	.20	2.5 *	.11	2.5	.09	
		2	Sometimes	139	33	1,808	35	6,919	35	25,770	33								
		3	Often	126	30	1,265	25	5,148	26	19,697	26								
		4	Very often	90	22	874	18	3,923	20	16,159	21								
		Total		417	100	5,054	100	19,553	100	76,107	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	29	7	325	7	1,461	8	4,423	6	3.0	2.9	.06	2.9	.08	3.0 *	-.10	
		2	Often	65	15	805	16	3,100	16	9,344	12								
		3	Sometimes	218	53	2,907	57	10,850	56	40,649	53								
		4	Never	101	25	996	20	4,044	21	21,313	28								
		Total		413	100	5,033	100	19,455	100	75,729	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	176	43	2,360	47	8,926	46	33,551	46	1.8	1.8	.05	1.8	.06	1.8	.01	
		2	Sometimes	161	40	1,810	36	7,103	37	26,756	35								
		3	Often	45	10	474	9	2,069	11	8,779	11								
		4	Very often	33	7	368	8	1,251	6	6,312	8								
		Total		415	100	5,012	100	19,349	100	75,398	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	49	13	536	11	2,201	12	11,605	17	2.5	2.5	.00	2.5	-.02	2.4 **	.15	
		2	Sometimes	175	42	2,208	44	8,427	44	33,272	44								
		3	Often	115	29	1,482	29	5,503	28	20,078	26								
		4	Very often	72	16	772	15	3,184	17	10,286	13								
		Total		411	100	4,998	100	19,315	100	75,241	100								
f. Explained course material to one or more students	Clexplain	1	Never	24	6	183	4	770	4	4,946	7	2.8	2.8	.00	2.8	.00	2.7 **	.13	
		2	Sometimes	137	32	1,692	34	6,742	35	27,204	37								
		3	Often	150	37	1,984	39	7,400	38	27,210	35								
		4	Very often	102	25	1,134	23	4,348	23	15,700	20								
		Total		413	100	4,993	100	19,260	100	75,060	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
				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	67	16	761	15	2,941	15	15,034	21	2.6	2.5	.02	2.5	.00	2.4 **	.14	▲
		2	Sometimes	141	34	1,785	36	6,969	36	25,574	34								
		3	Often	110	27	1,449	29	5,320	28	20,104	26								
		4	Very often	94	22	998	20	4,026	21	14,266	18								
		Total		412	100	4,993	100	19,256	100	74,978	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	11	3	185	4	937	5	6,632	10	3.0	3.0	.02	3.0	.02	2.8 ***	.21	▲
		2	Sometimes	117	30	1,383	28	5,321	27	21,944	30								
		3	Often	143	34	1,869	36	6,781	35	25,417	33								
		4	Very often	139	33	1,550	31	6,156	32	20,774	27								
		Total		410	100	4,987	100	19,195	100	74,767	100								
i. Given a course presentation	present	1	Never	28	7	417	9	1,867	10	8,646	13	2.9	2.8	.08	2.8 *	.10	2.7 **	.15	▲
		2	Sometimes	116	29	1,512	31	5,892	31	21,423	29								
		3	Often	140	34	1,671	33	6,091	32	23,843	31								
		4	Very often	124	30	1,362	27	5,251	27	20,539	26								
		Total		408	100	4,962	100	19,101	100	74,451	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	9	2	127	3	529	3	2,451	4	3.1	3.0	.07	3.0	.07	3.0 *	.11	▲
		2	Sometimes	78	20	1,143	24	4,698	25	18,401	26								
		3	Often	189	46	2,058	42	7,387	39	29,122	39								
		4	Very often	130	32	1,529	32	6,152	33	23,218	31								
		Total		406	100	4,857	100	18,766	100	73,192	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	12	3	288	6	1,105	6	3,812	6	2.9	2.8	.09	2.9	.04	2.9	.03	
		2	Sometimes	114	29	1,458	30	5,271	29	20,354	29								
		3	Often	169	41	1,794	37	6,694	36	27,181	37								
		4	Very often	111	27	1,279	27	5,578	29	21,266	29								
		Total		406	100	4,819	100	18,648	100	72,613	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	36	10	578	12	2,000	11	6,441	10	2.7	2.6	.04	2.7	-.02	2.7	-.06	
		2	Sometimes	143	35	1,658	35	6,133	33	23,700	33								
		3	Often	135	33	1,483	30	5,800	31	23,955	32								
		4	Very often	93	22	1,096	23	4,680	24	18,431	25								
		Total		407	100	4,815	100	18,613	100	72,527	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	CWU				8 peers				Far West Public				Carnegie Group			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	10	3	280	6	877	5	2,930	4	2.9	2.8 **	.13	2.9	.06	2.9	.03	
		2	Sometimes	110	27	1,465	30	5,354	29	20,151	28								
		3	Often	193	47	1,953	40	7,510	40	30,241	41								
		4	Very often	93	24	1,099	23	4,829	26	19,012	26								
		Total		406	100	4,797	100	18,570	100	72,334	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	10	3	181	4	622	4	2,078	3	3.0	2.9	.06	3.0	.01	3.0	.02	
		2	Sometimes	88	21	1,264	26	4,435	24	17,653	25								
		3	Often	195	50	1,975	41	7,713	42	30,749	42								
		4	Very often	113	27	1,359	29	5,751	31	21,656	30								
		Total		406	100	4,779	100	18,521	100	72,136	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	7	2	123	3	405	2	1,432	2	3.0	2.9 *	.12	3.0	.03	3.0	.05	
		2	Sometimes	89	22	1,409	30	4,804	26	18,945	27								
		3	Often	195	49	1,976	41	7,645	41	30,577	42								
		4	Very often	115	27	1,271	27	5,624	30	21,028	29								
		Total		406	100	4,779	100	18,478	100	71,982	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	3	1	55	1	205	1	715	1	3.2	3.2	.02	3.2	-.02	3.2	-.02	
		2	Sometimes	64	17	734	16	2,799	15	10,469	15								
		3	Often	167	41	2,092	44	7,589	41	30,436	42								
		4	Very often	170	41	1,872	40	7,801	42	30,096	42								
		Total		404	100	4,753	100	18,394	100	71,716	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	64	16	813	17	3,647	20	12,439	19	2.5	2.4	.08	2.3 ***	.18	2.4	.09	
		2	Sometimes	157	38	1,949	41	7,735	42	27,252	39								
		3	Often	102	26	1,146	24	4,192	22	18,069	24								
		4	Very often	83	20	837	18	2,868	15	13,969	18								
		Total		406	100	4,745	100	18,442	100	71,729	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	165	41	2,037	43	8,643	47	31,602	46	2.0	2.0	.07	1.9 **	.15	1.9 *	.13	
		2	Sometimes	113	28	1,400	29	5,126	28	20,235	27								
		3	Often	71	17	725	15	2,590	14	11,090	15								
		4	Very often	56	14	570	13	2,003	11	8,567	11								
		Total		405	100	4,732	100	18,362	100	71,494	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
				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	93	22	1,168	24	5,292	29	19,486	29	2.4	2.2 **	.16	2.1 ***	.25	2.2 ***	.20	
		2	Sometimes	146	36	1,988	42	7,478	41	27,345	38								
		3	Often	103	26	1,011	22	3,561	20	15,335	21								
		4	Very often	61	16	557	12	2,023	11	9,244	12								
		Total		403	100	4,724	100	18,354	100	71,410	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	85	21	1,093	23	4,505	25	15,675	23	2.3	2.2 **	.14	2.2 ***	.19	2.2 *	.12	
		2	Sometimes	159	40	2,079	44	8,138	45	30,348	43								
		3	Often	94	23	1,030	22	3,707	20	16,109	22								
		4	Very often	62	16	507	11	1,991	11	9,160	12								
		Total		400	100	4,709	100	18,341	100	71,292	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	32	8	308	6	1,231	7	6,482	9	2.8	2.8	-.04	2.9	-.08	2.7	.06	
		2	Some	117	29	1,424	30	5,128	28	22,112	31								
		3	Quite a bit	155	40	1,829	38	6,977	38	26,618	37								
		4	Very much	99	23	1,165	25	5,025	27	16,253	23								
		Total		403	100	4,726	100	18,361	100	71,465	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	7	1	139	3	563	3	1,858	3	3.1	3.1	.01	3.1	-.04	3.1	-.06	
		2	Some	78	20	945	20	3,346	19	12,426	18								
		3	Quite a bit	191	48	2,023	43	7,583	41	30,413	43								
		4	Very much	126	31	1,613	34	6,799	37	26,518	37								
		Total		402	100	4,720	100	18,291	100	71,215	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	12	3	187	4	660	4	2,242	3	3.0	3.0	-.01	3.1	-.08	3.1	-.09	
		2	Some	85	21	1,003	21	3,545	20	13,422	19								
		3	Quite a bit	183	45	1,938	41	7,278	40	28,988	41								
		4	Very much	122	30	1,559	33	6,773	37	26,301	37								
		Total		402	100	4,687	100	18,256	100	70,953	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	17	5	271	6	945	6	2,910	4	2.9	2.9	.00	3.0	-.07	3.0 **	-.13	
		2	Some	96	25	1,204	25	4,191	23	14,933	21								
		3	Quite a bit	179	45	1,923	41	7,282	40	29,622	41								
		4	Very much	108	25	1,287	28	5,796	31	23,482	33								
		Total		400	100	4,685	100	18,214	100	70,947	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				CWU		8 peers		Far West Public		Carnegie Group		CWU	8 peers		Far West Public		Carnegie Group		
				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	14	3	252	5	892	5	2,738	4	3.0	2.9 *	.10	3.0	.03	3.0	-.02	
		2	Some	79	20	1,212	26	4,196	23	15,361	22								
		3	Quite a bit	192	50	1,922	41	7,382	41	29,889	42								
		4	Very much	115	27	1,298	28	5,710	31	22,816	32								
		Total		400	100	4,684	100	18,180	100	70,804	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	2	108	2	386	2	1,466	2	3.1	3.2	-.09	3.2 *	-.10	3.2 **	-.14	
		2	Some	68	17	773	16	3,021	17	10,977	16								
		3	Quite a bit	201	49	2,133	44	7,792	43	29,726	41								
		4	Very much	126	32	1,688	37	7,128	39	29,102	41								
		Total		403	100	4,702	100	18,327	100	71,271	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	13	4	134	3	536	3	2,056	3	3.0	3.1 *	-.11	3.1	-.09	3.1 **	-.16	
		2	Some	80	20	844	17	3,490	19	11,842	17								
		3	Quite a bit	195	48	2,214	46	7,963	44	30,581	43								
		4	Very much	115	29	1,511	33	6,281	34	26,642	38								
		Total		403	100	4,703	100	18,270	100	71,121	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	13	3	125	3	549	3	2,382	4	3.1	3.2 *	-.11	3.1	-.08	3.2	-.09	
		2	Some	80	20	836	17	3,372	19	12,375	18								
		3	Quite a bit	173	44	1,984	42	7,250	40	27,691	39								
		4	Very much	136	33	1,743	38	7,070	38	28,558	40								
		Total		402	100	4,688	100	18,241	100	71,006	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	35	9	467	10	1,926	11	6,471	10	2.8	2.8	-.03	2.8	.00	2.9	-.09	
		2	Some	118	30	1,342	28	5,211	29	18,351	26								
		3	Quite a bit	152	38	1,639	34	6,020	33	23,861	33								
		4	Very much	98	24	1,237	28	5,076	27	22,263	31								
		Total		403	100	4,685	100	18,233	100	70,946	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	23	6	341	7	1,570	9	4,556	7	2.8	2.8	.01	2.8	.03	2.9 *	-.10	
		2	Some	109	28	1,367	29	5,186	29	17,459	25								
		3	Quite a bit	180	45	1,865	39	6,587	36	26,987	38								
		4	Very much	88	21	1,103	25	4,847	26	21,722	31								
		Total		400	100	4,676	100	18,190	100	70,724	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
				Count	%	Count	%	Count	%	Count	%	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	39	8	594	12	2,131	11	9,030	12	2.7	2.6	.09	2.7	.04	2.6	.08	
		2	Sometimes	133	32	1,591	34	6,046	32	23,814	33								
		3	Often	152	40	1,581	34	6,218	34	23,787	34								
		4	Very often	79	20	934	21	3,907	22	14,493	21								
		Total		403	100	4,700	100	18,302	100	71,124	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	62	14	882	18	3,266	17	12,835	18	2.5	2.4 *	.10	2.5	.06	2.4	.07	
		2	Sometimes	153	37	1,802	38	6,762	37	26,334	37								
		3	Often	118	32	1,273	28	5,058	28	20,024	28								
		4	Very often	69	17	733	16	3,168	18	11,800	17								
		Total		402	100	4,690	100	18,254	100	70,993	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	63	15	807	17	2,951	16	12,656	18	2.5	2.4 *	.10	2.5	.04	2.4	.10	
		2	Sometimes	145	36	1,876	39	6,970	38	27,356	38								
		3	Often	132	34	1,315	28	5,331	30	20,186	29								
		4	Very often	62	15	693	15	2,967	16	10,663	15								
		Total		402	100	4,691	100	18,219	100	70,861	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	9	3	231	6	873	6	2,912	5	9.8	7.6 ***	.33	7.7 ***	.31	8.1 ***	.25	
		1.5	1-2	42	13	764	18	2,962	18	10,947	17								
		4	3-5	90	24	1,184	28	4,828	29	18,102	28								
		8	6-10	89	22	1,037	24	3,736	22	14,803	22								
		13	11-15	52	15	477	10	1,683	10	7,450	11								
		18	16-20	34	8	253	5	943	6	4,336	6								
		23	More than 20	57	14	373	8	1,606	9	6,782	10								
		Total		373	100	4,319	100	16,631	100	65,332	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	41	11	895	22	3,002	19	11,846	19	4.5	3.3 ***	.30	3.8 **	.16	3.9 **	.14	
		1.5	1-2	105	29	1,567	37	5,771	35	22,030	34								
		4	3-5	131	35	1,099	25	4,366	26	17,343	26								
		8	6-10	65	17	453	10	2,121	13	8,490	13								
		13	11-15	13	3	164	4	678	4	2,765	4								
		18	16-20	11	3	43	1	243	1	1,179	2								
23	More than 20	6	2	45	1	272	2	1,090	2										

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

NSSE 2016 Frequencies and Statistical Comparisons Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
			CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
			Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
		Total	372	100	4,266	100	16,453	100	64,743	100								

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	CWU				8 peers				Far West Public				Carnegie Group			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
c. 11 pages or more	wrlongnum	0	None	118	32	1,871	46	6,752	42	26,913	43	2.2	1.8 *	.12	2.2	.00	2.0	.04	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	165	45	1,569	37	5,954	37	23,967	37								
		4	3-5	53	13	495	11	2,028	13	7,719	12								
		8	6-10	22	6	149	3	671	4	2,568	4								
		13	11-15	2	0	58	1	310	2	1,130	2								
		18	16-20	5	2	22	1	179	1	578	1								
	23	More than 20	2	1	42	1	252	2	778	1									
		Total			367	100	4,206	100	16,146	100	63,653	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.)									95.8	73.4 ***	.27	83.1 *	.14	83.0 **	.14	
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	9	2	197	4	649	4	3,341	5	3.1	3.1	-.02	3.2 ***	-.21	3.1	-.04	
		2	Sometimes	93	25	1,175	25	3,087	18	15,499	23								
		3	Often	140	37	1,311	29	4,657	27	19,489	29								
		4	Very often	145	35	1,735	41	8,783	51	28,790	43								
			Total	387	100	4,418	100	17,176	100	67,119	100								
b. People from an economic background other than your own	DDeconomic	1	Never	9	2	166	4	679	4	2,936	5	3.1	3.1	.05	3.2	-.07	3.1	.03	
		2	Sometimes	79	21	1,098	24	3,302	19	14,733	22								
		3	Often	149	40	1,531	34	5,389	32	22,381	33								
		4	Very often	149	37	1,607	38	7,758	45	26,876	40								
			Total	386	100	4,402	100	17,128	100	66,926	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	17	5	246	5	1,015	6	4,018	6	3.0	3.0	.04	3.1	-.06	3.0	.02	
		2	Sometimes	94	26	1,166	27	3,639	22	16,896	25								
		3	Often	121	32	1,391	31	5,015	29	20,278	30								
		4	Very often	153	38	1,598	37	7,426	43	25,657	39								
			Total	385	100	4,401	100	17,095	100	66,849	100								
d. People with political views other than your own	DDpolitical	1	Never	19	5	232	5	1,085	7	3,837	6	3.0	3.0	.04	3.0	.03	3.0	.02	
		2	Sometimes	85	22	1,135	26	4,229	25	16,110	24								
		3	Often	138	37	1,446	33	4,953	29	21,405	32								
		4	Very often	140	36	1,577	37	6,775	39	25,214	38								
			Total	382	100	4,430	100	17,647	100	67,466	100								

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

NSSE 2016 Frequencies and Statistical Comparisons Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
			CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
			Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
		Total	382	100	4,390	100	17,042	100	66,566	100								

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	6	2	105	2	350	2	1,185	2	3.3	3.2 *	.13	3.2	.05	3.2	.02	
		2	Sometimes	47	12	795	18	2,655	16	10,062	15								
		3	Often	172	46	1,825	41	6,665	39	26,534	40								
		4	Very often	161	41	1,661	38	7,405	43	28,958	43								
		Total		386	100	4,386	100	17,075	100	66,739	100								
b. Reviewed your notes after class	LSnotes	1	Never	24	6	325	7	1,142	7	4,483	7	2.9	2.8	.07	2.9	.03	2.9	-.02	
		2	Sometimes	100	25	1,364	30	5,039	30	18,382	27								
		3	Often	147	39	1,431	33	5,360	32	21,200	32								
		4	Very often	114	29	1,258	29	5,493	32	22,477	34								
		Total		385	100	4,378	100	17,034	100	66,542	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	24	6	359	8	1,245	8	4,010	6	2.9	2.8	.07	2.8	.04	2.9	-.07	
		2	Sometimes	100	25	1,297	30	4,983	30	17,240	26								
		3	Often	160	44	1,532	35	5,676	34	23,415	36								
		4	Very often	98	25	1,163	27	4,989	29	21,322	32								
		Total		382	100	4,351	100	16,893	100	65,987	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	35	1	111	1	444	1	5.7	5.6	.07	5.7	-.01	5.7	-.05	
		2		1	0	74	2	213	1	778	1								
		3		8	2	143	3	474	3	1,781	3								
		4		29	8	379	9	1,439	9	5,134	8								
		5		127	34	1,303	29	4,525	27	17,444	26								
		6		124	32	1,339	31	5,251	31	20,291	30								
		7	Very much	95	24	1,097	26	4,994	29	20,651	31								
		Total		385	100	4,370	100	17,007	100	66,523	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		26	7	302	7	1,512	9	5,927	10	47%	49%	-.03	46%	.02	47%	.00	
		Do not plan to do		74	20	784	18	2,726	16	12,603	20								
		Plan to do		102	26	1,106	26	4,811	29	15,139	24								
		Done or in progress		182	47	2,177	49	7,953	46	32,842	47								
		Total		384	100	4,369	100	17,002	100	66,511	100								

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

NSSE 2016 Frequencies and Statistical Comparisons Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
			CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
			Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
		Total	382	100	4,350	100	16,846	100	66,043	100								

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	3	1	43	1	193	1	756	1	5.6	5.7	-.04	5.7	-.04	5.7	-.06	
		2		10	3	63	1	245	1	1,011	2								
		3		9	3	161	4	706	4	2,391	4								
		4		32	8	388	9	1,571	9	5,815	9								
		5		109	28	1,056	24	3,811	22	14,589	22								
		6		114	30	1,368	30	5,003	29	18,983	28								
		7	Excellent	107	27	1,265	30	5,327	31	22,113	33								
		—	Not applicable	1	0	19	0	117	1	727	1								
			Total	385	100	4,363	100	16,973	100	66,385	100								
b. Academic advisors	QIadvisor	1	Poor	28	8	256	6	894	5	3,229	5	5.1	5.1	-.02	5.1	-.01	5.3 *	-0.11	
		2		23	6	236	5	942	6	3,164	5								
		3		24	6	358	8	1,325	8	4,465	7								
		4		39	9	531	12	2,216	13	7,176	11								
		5		78	21	806	18	3,138	19	11,226	17								
		6		73	19	870	20	3,429	20	13,665	20								
		7	Excellent	113	30	1,211	29	4,603	27	22,262	33								
		—	Not applicable	7	2	83	2	400	2	1,062	2								
			Total	385	100	4,351	100	16,947	100	66,249	100								
c. Faculty	QIfaculty	1	Poor	8	2	73	2	322	2	984	2	5.6	5.5	.04	5.4	.08	5.6	-.04	
		2		8	2	92	2	453	3	1,302	2								
		3		6	1	196	4	911	5	2,692	4								
		4		46	12	512	12	1,930	11	6,231	10								
		5		89	23	1,042	23	3,737	22	13,796	21								
		6		129	33	1,282	30	4,963	29	19,867	30								
		7	Excellent	93	26	1,112	27	4,443	26	20,480	31								
		—	Not applicable	3	1	23	0	127	1	581	1								
			Total	382	100	4,332	100	16,886	100	65,933	100								

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NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
				Count	%	Count	%	Count	%	Count	%	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	16	4	215	5	955	6	3,326	5	5.0	4.9	.03	4.8	.08	4.9	.01	
		2		12	4	185	4	815	5	2,942	4								
		3		23	6	294	7	1,214	7	4,233	6								
		4		54	13	588	13	2,074	12	7,721	11								
		5		77	21	799	18	2,898	17	11,281	17								
		6		67	17	796	18	2,930	18	11,857	17								
		7	Excellent	57	15	698	17	2,677	16	12,099	18								
		—	Not applicable	77	20	768	18	3,326	20	12,583	20								
	Total	383	100	4,343	100	16,889	100	66,042	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	11	3	195	5	1,019	6	3,471	6	5.0	5.0	.05	4.8 **	.13	5.0	.04	
		2		21	5	213	5	1,000	6	3,517	5								
		3		35	9	358	8	1,444	8	5,204	8								
		4		51	13	642	15	2,581	15	9,210	14								
		5		100	26	947	21	3,558	21	13,401	20								
		6		80	21	950	22	3,340	20	14,144	21								
		7	Excellent	71	19	777	19	2,980	18	14,176	22								
		—	Not applicable	15	4	260	6	1,000	6	3,057	5								
	Total	384	100	4,342	100	16,922	100	66,180	100										

14. How much does your institution emphasize the following?

a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	8	2	99	3	351	2	1,325	2	3.1	3.1	-.04	3.2 **	-.13	3.2 *	-.11
		2	Some	74	20	736	18	2,685	16	10,383	17							
		3	Quite a bit	179	47	1,952	47	6,919	43	28,315	45							
		4	Very much	117	31	1,382	33	6,209	38	23,463	37							
			Total	378	100	4,169	100	16,164	100	63,486	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	17	5	227	6	949	6	3,090	5	2.9	2.9	-.02	2.9	.01	3.0	-.08
		2	Some	93	25	1,020	24	4,025	25	13,888	23							
		3	Quite a bit	166	44	1,767	43	6,577	41	26,024	41							
		4	Very much	100	26	1,121	28	4,470	27	19,973	31							
			Total	376	100	4,135	100	16,021	100	62,975	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	32	9	366	9	1,515	9	5,340	9	2.9	2.9	.01	2.8	.04	2.9	-.03
		2	Some	91	24	1,018	24	4,210	26	14,665	24							
		3	Quite a bit	149	39	1,620	39	5,783	37	23,161	37							
		4	Very much	107	28	1,127	28	4,531	28	19,854	31							
			Total	379	100	4,131	100	16,039	100	63,000	100							

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NSSE 2016 Frequencies and Statistical Comparisons Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
			CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
			Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
		Total	379	100	4,131	100	16,039	100	63,020	100								

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

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Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				CWU		8 peers		Far West Public		Carnegie Group		CWU	8 peers		Far West Public		Carnegie Group	
				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	58	15	700	16	2,516	16	9,516	16	2.5	2.6	-0.03	2.6	-0.08	2.6	-0.09
		2	Some	128	35	1,349	32	4,870	30	19,030	30							
		3	Quite a bit	118	31	1,276	31	4,837	31	19,617	31							
		4	Very much	74	19	812	21	3,814	23	14,859	23							
		Total		378	100	4,137	100	16,037	100	63,022	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	25	6	297	7	1,468	9	5,795	10	2.8	2.9	-0.04	2.8	.03	2.8	.01
		2	Some	106	28	1,123	27	4,491	28	15,873	26							
		3	Quite a bit	155	42	1,615	39	5,825	37	23,355	37							
		4	Very much	93	23	1,093	27	4,238	26	17,953	28							
		Total		379	100	4,128	100	16,022	100	62,976	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	59	16	402	10	1,790	11	7,909	13	2.6	2.8 ***	-0.21	2.8 **	-0.15	2.7	-0.09
		2	Some	100	27	1,059	25	4,349	27	16,546	27							
		3	Quite a bit	138	36	1,567	38	5,640	36	22,094	35							
		4	Very much	82	21	1,092	28	4,216	26	16,268	25							
		Total		379	100	4,120	100	15,995	100	62,817	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	137	35	1,435	34	5,706	35	20,833	34	2.1	2.1	-0.02	2.1	-0.01	2.1	-0.05
		2	Some	125	33	1,423	34	5,323	33	20,963	33							
		3	Quite a bit	79	22	819	20	3,143	20	13,056	20							
		4	Very much	36	9	438	11	1,806	11	7,969	13							
		Total		377	100	4,115	100	15,978	100	62,821	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	63	16	560	14	2,553	16	11,164	19	2.5	2.6	-0.05	2.6	-0.03	2.5	.00
		2	Some	111	31	1,402	34	4,982	31	17,727	29							
		3	Quite a bit	136	35	1,373	33	5,130	32	20,527	32							
		4	Very much	67	17	778	20	3,272	20	13,263	20							
		Total		377	100	4,113	100	15,937	100	62,681	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	73	18	829	20	3,363	21	13,174	22	2.4	2.4	.01	2.4	.01	2.4	-0.02
		2	Some	145	40	1,560	38	5,792	36	20,998	34							
		3	Quite a bit	105	28	1,140	28	4,372	28	18,070	28							
		4	Very much	53	14	566	14	2,383	15	10,282	16							
		Total		376	100	4,095	100	15,910	100	62,524	100							

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a						Statistical Comparisons ^b									
				CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
				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	7	0	52	0	265	0	15.0	14.5	.06	15.1	-.01	14.5	.06	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	41	12	568	14	2,124	13	8,990	15								
		8	6-10 hrs	89	23	1,037	26	3,789	24	15,197	24								
		13	11-15 hrs	85	22	835	20	3,116	19	12,685	20								
		18	16-20 hrs	77	20	680	16	2,806	18	10,910	17								
		23	21-25 hrs	33	9	430	10	1,640	10	6,410	10								
		28	26-30 hrs	26	6	248	6	1,012	6	3,820	6								
		33	More than 30 hrs	26	7	313	8	1,447	9	4,582	7								
			Total	377	100	4,118	100	15,986	100	62,859	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	170	46	1,718	43	7,951	50	29,203	49	3.8	4.6 **	-0.12	4.1	-.05	4.3	-.08	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	122	32	1,280	31	4,185	26	16,703	26								
		8	6-10 hrs	38	10	486	12	1,684	11	7,182	11								
		13	11-15 hrs	21	5	265	7	889	6	3,867	6								
		18	16-20 hrs	15	4	165	4	591	4	2,640	4								
		23	21-25 hrs	5	1	84	2	280	2	1,337	2								
		28	26-30 hrs	0	0	43	1	118	1	654	1								
		33	More than 30 hrs	4	1	43	1	189	1	947	1								
			Total	375	100	4,084	100	15,887	100	62,533	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	269	72	3,022	74	11,921	76	46,000	76	3.9	3.6	.05	3.5	.06	3.2	.10	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	3	160	4	480	3	2,870	4								
		8	6-10 hrs	16	4	280	6	824	5	4,733	7								
		13	11-15 hrs	28	8	252	6	873	5	3,587	5								
		18	16-20 hrs	41	10	238	7	1,314	8	3,318	5								
		23	21-25 hrs	5	1	69	2	238	2	973	2								
		28	26-30 hrs	1	0	38	1	109	1	401	1								
		33	More than 30 hrs	3	1	47	1	165	1	752	1								
			Total	376	100	4,106	100	15,924	100	62,634	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b										
				CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group				
				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	197	51	1,566	40	6,443	41	23,678	37	10.1	▽	12.1 **	-0.16	▽	12.6 ***	-0.19	▽	14.3 ***	-0.31	
		(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	17	4	204	5	773	5	2,953											4
			8	6-10 hrs	22	6	318	8	1,005	6	4,055											6
			13	11-15 hrs	19	5	341	7	1,015	6	4,146											6
			18	16-20 hrs	34	10	439	10	1,704	11	5,752											9
			23	21-25 hrs	19	5	385	9	1,316	8	4,498											7
			28	26-30 hrs	21	6	267	6	997	6	3,468											6
			33	More than 30 hrs	46	13	571	15	2,591	17	13,869											24
			Total	375	100	4,091	100	15,844	100	62,419	100											
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)									14.0	▽	15.6 *	-0.13	▽	15.9 **	-0.15	▽	17.4 ***	-0.25	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	194	54	2,023	50	7,664	49	29,694	48	2.9	3.3	-0.07	▽	3.6 **	-0.12	3.3	-0.08			
		(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	119	31	1,360	33	4,872	30	21,935									34		
			8	6-10 hrs	29	8	349	9	1,638	10	5,298									9		
			13	11-15 hrs	12	3	148	4	735	5	2,301									4		
			18	16-20 hrs	10	3	96	2	481	3	1,504									2		
			23	21-25 hrs	4	1	51	1	192	1	577									1		
			28	26-30 hrs	1	0	12	0	90	1	286									0		
		33	More than 30 hrs	2	0	37	1	157	1	631	1											
			Total	371	100	4,076	100	15,829	100	62,226	100											
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	7	2	91	2	528	3	2,143	4	10.5	11.2	-0.10	10.5	-0.01	10.1	.04				
		(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	105	27	1,067	27	4,825	30	19,204								31			
			8	6-10 hrs	120	31	1,124	27	4,417	28	17,666								28			
			13	11-15 hrs	68	19	772	18	2,681	17	10,468								16			
			18	16-20 hrs	38	10	459	11	1,664	11	6,352								10			
			23	21-25 hrs	19	5	290	7	751	5	2,926								5			
			28	26-30 hrs	7	2	98	2	348	2	1,348								2			
		33	More than 30 hrs	10	3	192	5	682	5	2,360	4											
			Total	374	100	4,093	100	15,896	100	62,467	100											

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
				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	255	69	2,720	65	9,069	58	36,196	56	5.3	5.5	-0.2	6.4	-0.10	7.8 ***	-0.21	
		3	1-5 hrs	36	9	450	11	2,192	14	7,313	12								
		8	6-10 hrs	16	4	207	5	1,123	7	3,594	6								
		13	11-15 hrs	11	3	133	3	689	4	2,325	4								
		18	16-20 hrs	10	3	112	3	573	4	2,048	4								
		23	21-25 hrs	5	2	56	1	284	2	1,129	2								
		28	26-30 hrs	4	1	50	1	213	1	859	1								
		33	More than 30 hrs	36	10	356	9	1,711	10	8,939	15								
			Total	373	100	4,084	100	15,854	100	62,403	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	82	22	447	11	1,303	8	14,972	23	4.3	5.1 **	-0.16	6.0 ***	-0.29	4.8 *	-0.09	
		3	1-5 hrs	215	57	2,524	60	8,863	56	31,009	49								
		8	6-10 hrs	45	11	747	19	3,582	23	10,133	17								
		13	11-15 hrs	19	6	201	5	1,126	7	3,300	6								
		18	16-20 hrs	8	2	95	2	490	3	1,471	3								
		23	21-25 hrs	2	1	35	1	182	1	600	1								
		28	26-30 hrs	1	0	16	0	111	1	295	0								
		33	More than 30 hrs	4	1	44	1	263	2	890	2								
			Total	376	100	4,109	100	15,920	100	62,670	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	36	10	584	14	1,837	12	6,842	11	3.0	2.9	.09	3.0	-0.02	3.0	-0.01	
		2	Some	94	26	1,128	27	3,857	25	15,841	25								
		3	About half	111	29	1,112	27	4,339	27	18,538	30								
		4	Most	104	27	884	21	3,951	25	14,858	24								
		5	Almost all	32	8	395	10	1,886	12	6,484	10								
			Total	377	100	4,103	100	15,870	100	62,563	100								
	tmreadinghrs											7.9	7.0 *	.13	7.7	.02	7.5	.06	
			(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group		
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	tmreadinghrscol	1	0 hrs	0	0	7	0	47	0	254	0									
		2	More than zero, up to 5 hrs	152	41	1,978	49	6,852	44	27,955	45									
		3	More than 5, up to 10 hrs	131	34	1,169	29	4,744	30	18,626	30									
		4	More than 10, up to 15 hrs	37	10	455	11	1,823	11	7,157	11									
		5	More than 15, up to 20 hrs	25	7	236	6	1,106	7	3,995	6									
		6	More than 20, up to 25 hrs	24	7	160	4	831	5	2,950	5									
		7	More than 25 hrs	7	2	82	2	394	2	1,306	2									
		Total		376	100	4,087	100	15,797	100	62,243	100									

17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

a. Writing clearly and effectively	pgwrite	1	Very little	16	4	233	6	945	6	3,246	6	3.0	3.0	.04	3.0	.00	3.1	-.05
		2	Some	77	20	923	22	3,265	21	12,101	20							
		3	Quite a bit	162	43	1,601	38	5,944	37	23,146	37							
		4	Very much	122	33	1,344	34	5,762	36	24,176	38							
		Total		377	100	4,101	100	15,916	100	62,669	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	31	8	299	8	1,271	8	4,641	8	2.9	2.9	-.08	2.9	-.06	3.0	-1.0
		2	Some	93	26	991	23	3,777	24	13,488	22							
		3	Quite a bit	146	39	1,544	37	5,755	36	22,636	36							
		4	Very much	105	28	1,261	32	5,064	32	21,708	34							
		Total		375	100	4,095	100	15,867	100	62,473	100							
c. Thinking critically and analytically	pgthink	1	Very little	11	3	110	3	465	3	1,565	3	3.2	3.3	-.03	3.3	-.04	3.3	-.08
		2	Some	47	14	613	15	2,169	14	7,801	13							
		3	Quite a bit	155	41	1,519	37	5,825	37	22,424	36							
		4	Very much	164	43	1,848	46	7,387	47	30,667	49							
		Total		377	100	4,090	100	15,846	100	62,457	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	43	10	462	11	1,628	10	7,181	11	2.8	2.8	-.02	2.9	-.07	2.8	-.01
		2	Some	98	26	1,112	27	4,065	25	17,155	27							
		3	Quite a bit	139	38	1,306	32	5,248	33	19,760	32							
		4	Very much	95	26	1,207	30	4,917	32	18,320	30							
		Total		375	100	4,095	100	15,867	100	62,473	100							

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
			CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
			Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
		Total	375	100	4,087	100	15,858	100	62,416	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				CWU		8 peers		Far West Public		Carnegie Group		CWU	8 peers		Far West Public		Carnegie Group	
				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	22	5	364	9	1,690	11	5,079	9	3.0	2.9 *	.12	2.8 ***	.20	3.0	.08
		2	Some	78	22	983	23	4,019	25	13,493	22							
		3	Quite a bit	136	36	1,371	33	5,074	32	20,879	33							
		4	Very much	139	37	1,371	34	5,086	32	23,049	36							
		Total		375	100	4,089	100	15,869	100	62,500	100							
f. Working effectively with others	pgothers	1	Very little	18	5	194	5	924	6	3,243	6	3.1	3.1	.00	3.0	.05	3.0	.02
		2	Some	75	21	850	21	3,480	22	12,450	21							
		3	Quite a bit	139	37	1,547	37	5,739	36	22,773	36							
		4	Very much	142	37	1,494	37	5,704	36	23,889	37							
		Total		374	100	4,085	100	15,847	100	62,355	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	40	11	516	13	2,142	14	6,463	11	2.8	2.8	.00	2.8	.01	2.9	-.09
		2	Some	97	26	1,087	26	4,054	26	14,451	24							
		3	Quite a bit	140	38	1,315	31	4,978	31	20,309	32							
		4	Very much	98	25	1,170	29	4,695	29	21,222	33							
		Total		375	100	4,088	100	15,869	100	62,445	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	42	13	449	11	1,624	11	6,208	11	2.8	2.8	-.04	2.9	-.08	2.9	-.08
		2	Some	94	24	1,126	27	3,988	25	15,923	26							
		3	Quite a bit	135	37	1,311	32	5,107	32	20,254	32							
		4	Very much	102	27	1,202	30	5,147	32	20,053	32							
		Total		373	100	4,088	100	15,866	100	62,438	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	32	8	439	11	1,759	11	6,005	10	2.8	2.8	.05	2.8	.05	2.8	.01
		2	Some	104	28	1,139	27	4,301	27	16,463	27							
		3	Quite a bit	135	37	1,406	34	5,395	34	21,454	34							
		4	Very much	103	27	1,105	28	4,385	28	18,451	29							
		Total		374	100	4,089	100	15,840	100	62,373	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	45	13	615	15	2,336	15	7,769	13	2.7	2.6	.05	2.7	.03	2.7	-.03
		2	Some	111	29	1,233	30	4,592	29	17,667	28							
		3	Quite a bit	125	34	1,273	31	4,908	31	19,901	31							
		4	Very much	89	24	943	24	3,937	25	16,777	27							
		Total		370	100	4,064	100	15,773	100	62,114	100							

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

NSSE 2016 Frequencies and Statistical Comparisons

Central Washington University

Seniors				Frequency Distributions ^a								Statistical Comparisons ^b							
				CWU		8 peers		Far West Public		Carnegie Group		CWU		8 peers		Far West Public		Carnegie Group	
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	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	8	2	107	3	460	3	1,438	3	3.2	3.2	.03	3.2	.07	3.3	-.05	
		2	Fair	29	8	488	12	2,154	13	6,670	11								
		3	Good	205	54	2,005	48	7,550	47	27,238	43								
		4	Excellent	132	35	1,491	38	5,782	37	27,331	43								
		Total		374	100	4,091	100	15,946	100	62,677	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	10	3	189	5	784	5	3,022	5	3.2	3.2	.06	3.2	.07	3.2	.02	
		2	Probably no	42	12	563	13	2,190	14	8,025	13								
		3	Probably yes	165	44	1,709	41	6,582	41	23,919	38								
		4	Definitely yes	158	41	1,636	41	6,402	40	27,798	44								
		Total		375	100	4,097	100	15,958	100	62,764	100								

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

NSSE 2016 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	8 peers	Far West Public	Carnegie Group	CWU	8 peers	Far West Public	Carnegie Group	CWU	8 peers	Far West Public	Carnegie Group	Comparisons with:			Comparisons with:			Comparisons with:		
														8 peers	Far West Public	Carnegie Group	8 peers	Far West Public	Carnegie Group	8 peers	Far West Public	Carnegie Group
1 a. askquest	200	2.77	2.76	2.72	2.91	.055	.013	.008	.004	.78	.84	.85	.85	4,330	208	49,949	.914	.387	.021	.01	.06	-.16
b. drafts	200	2.64	2.50	2.59	2.59	.068	.015	.009	.004	.96	.97	.96	.98	4,298	11,347	49,554	.057	.482	.457	.14	.05	.05
c. unpreparedr	198	3.05	3.01	2.94	3.07	.053	.012	.007	.004	.75	.77	.78	.78	4,280	11,313	49,233	.515	.064	.616	.05	.13	-.04
d. attendart	198	1.95	1.91	1.82	1.94	.062	.014	.008	.004	.87	.91	.88	.94	4,235	11,220	49,005	.479	.036	.807	.05	.15	.02
e. CLaskhelp	199	2.56	2.59	2.65	2.51	.054	.013	.008	.004	.76	.85	.86	.90	223	207	200	.510	.088	.350	-.04	-.11	.06
f. CLexplain	197	2.65	2.70	2.72	2.64	.047	.013	.008	.004	.67	.81	.80	.85	226	207	199	.293	.131	.784	-.06	-.09	.02
g. CLstudy	196	2.48	2.50	2.55	2.46	.057	.015	.009	.004	.80	.96	.95	.98	223	205	197	.649	.222	.728	-.03	-.07	.02
h. CLproject	193	2.50	2.63	2.65	2.56	.057	.013	.008	.004	.78	.84	.85	.90	4,169	11,064	194	.032	.015	.285	-.16	-.18	-.07
i. present	193	1.95	2.39	2.41	2.32	.057	.014	.009	.004	.79	.91	.90	.91	218	201	194	.000	.000	.000	-.49	-.51	-.41
2 a. RIintegrate	189	2.58	2.69	2.66	2.64	.057	.014	.008	.004	.78	.85	.85	.86	4,082	10,805	190	.092	.228	.377	-.13	-.09	-.06
b. RIsocietal	186	2.54	2.64	2.65	2.63	.057	.014	.008	.004	.77	.86	.86	.87	207	193	187	.089	.046	.108	-.12	-.13	-.11
c. RIDiverse	189	2.40	2.58	2.62	2.60	.063	.015	.009	.004	.87	.90	.89	.89	4,034	10,690	46,336	.006	.001	.002	-.21	-.25	-.23
d. Rlownview	187	2.71	2.78	2.79	2.79	.055	.013	.008	.004	.75	.81	.81	.82	4,005	10,649	46,177	.256	.161	.168	-.08	-.10	-.10
e. Rlperspect	188	2.77	2.92	2.91	2.90	.055	.013	.008	.004	.76	.83	.81	.82	3,977	10,610	45,974	.020	.019	.032	-.17	-.17	-.16
f. RInewview	187	2.84	2.86	2.89	2.87	.053	.013	.008	.004	.73	.82	.80	.81	211	194	188	.649	.355	.614	-.03	-.06	-.03
g. RIconnect	187	2.92	3.08	3.05	3.05	.052	.013	.007	.004	.71	.78	.76	.77	210	10,512	45,578	.003	.019	.018	-.20	-.17	-.17
3 a. SFcareer	186	2.42	2.23	2.11	2.23	.062	.015	.009	.004	.85	.91	.90	.91	3,928	10,508	45,530	.004	.000	.003	.21	.35	.22
b. SFotherwork	186	1.88	1.75	1.68	1.74	.067	.015	.009	.004	.91	.93	.89	.92	3,920	10,478	45,379	.055	.002	.036	.14	.22	.15
c. SFdiscuss	185	2.05	1.97	1.92	1.99	.063	.015	.009	.004	.86	.91	.88	.91	3,905	10,440	45,265	.245	.041	.323	.09	.15	.07
d. SFperform	184	2.28	2.09	2.04	2.14	.067	.015	.009	.004	.91	.90	.88	.89	201	189	45,161	.006	.001	.038	.21	.27	.15
4 a. memorize	185	2.86	2.99	2.99	2.94	.060	.013	.008	.004	.81	.78	.80	.83	3,901	10,433	45,261	.024	.025	.215	-.17	-.17	-.09
b. HOapply	185	2.74	2.90	2.90	2.94	.054	.013	.008	.004	.74	.81	.82	.81	3,878	10,369	45,027	.008	.011	.001	-.20	-.19	-.24
c. HOanalyze	183	2.75	2.91	2.93	2.95	.057	.014	.008	.004	.77	.84	.83	.83	3,860	10,287	44,798	.014	.003	.001	-.19	-.22	-.24
d. HOevaluate	183	2.81	2.88	2.95	2.94	.054	.014	.008	.004	.73	.82	.81	.82	207	10,292	44,791	.161	.017	.026	-.10	-.18	-.16
e. HOform	183	2.77	2.86	2.90	2.91	.055	.014	.008	.004	.75	.84	.83	.83	3,847	10,267	44,677	.165	.045	.026	-.11	-.15	-.16
5 a. ETgoals	184	2.94	3.11	3.08	3.13	.057	.013	.008	.004	.78	.78	.79	.78	3,862	10,366	44,929	.003	.015	.001	-.22	-.18	-.25
b. ETorganize	184	2.91	3.03	3.02	3.07	.059	.013	.008	.004	.81	.80	.81	.81	3,857	10,335	44,803	.048	.085	.007	-.15	-.13	-.20
c. ETexample	184	2.90	3.05	3.04	3.07	.060	.014	.008	.004	.81	.83	.83	.83	3,845	10,317	44,715	.020	.027	.007	-.18	-.16	-.20
d. ETdraftfb	182	2.72	2.80	2.87	2.91	.064	.015	.009	.004	.87	.92	.91	.91	3,830	10,285	44,668	.247	.025	.006	-.09	-.17	-.20
e. ETfeedback	182	2.61	2.71	2.74	2.83	.064	.015	.009	.004	.86	.92	.92	.91	3,821	10,255	44,541	.146	.057	.001	-.11	-.14	-.24

NSSE 2016 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	8 peers	Far West Public	Carnegie Group	CWU	8 peers	Far West Public	Carnegie Group	CWU	8 peers	Far West Public	Carnegie Group	Comparisons with:			Comparisons with:			Comparisons with:		
														8 peers	Far West Public	Carnegie Group	8 peers	Far West Public	Carnegie Group	8 peers	Far West Public	Carnegie Group
6 a. QRconclude	183	2.46	2.55	2.55	2.56	.063	.015	.009	.004	.85	.91	.90	.92	3,849	10,332	184	.180	.171	.109	-.10	-.10	-.11
b. QRproblem	183	2.20	2.30	2.29	2.31	.063	.015	.009	.004	.86	.92	.92	.94	204	190	184	.154	.159	.094	-.10	-.10	-.11
c. QRevaluate	183	2.19	2.28	2.28	2.28	.063	.015	.009	.004	.85	.89	.90	.91	3,834	10,272	183	.213	.190	.176	-.09	-.10	-.09
7 a. wrshortnum	170	6.87	6.20	6.51	6.87	.450	.093	.056	.028	5.86	5.41	5.43	5.74	183	174	40,940	.146	.428	.992	.12	.07	.00
b. wrmednum	169	2.15	2.07	2.38	2.26	.236	.054	.034	.016	3.07	3.10	3.22	3.16	3,436	9,168	39,873	.738	.354	.633	.03	-.07	-.04
c. wrlongnum	166	.55	.81	.93	.87	.149	.047	.031	.014	1.92	2.66	2.90	2.74	3,382	179	168	.221	.013	.034	-.10	-.13	-.12
— wrpages	164	44.58	44.87	50.01	49.68	4.481	1.084	.709	.329	57.45	61.04	65.92	64.34	3,334	8,808	38,491	.953	.295	.311	.00	-.08	-.08
8 a. DDrace	170	3.02	3.00	3.13	3.03	.072	.016	.009	.005	.93	.92	.89	.93	3,569	9,528	41,301	.796	.097	.831	.02	-.13	-.02
b. DDeconomic	167	2.89	2.98	3.03	3.01	.069	.015	.009	.004	.89	.90	.91	.91	3,558	9,495	41,140	.181	.046	.074	-.11	-.16	-.14
c. DDreligion	170	2.95	2.93	2.97	2.95	.069	.016	.010	.005	.89	.94	.96	.95	3,562	9,504	41,155	.790	.849	.967	.02	-.01	.00
d. DDpolitical	169	2.98	2.90	2.85	2.93	.070	.016	.010	.005	.91	.96	.97	.95	187	175	41,001	.289	.077	.541	.08	.13	.05
9 a. LSreading	170	2.97	3.06	3.07	3.12	.060	.013	.008	.004	.78	.77	.76	.77	3,533	9,473	40,902	.107	.065	.008	-.13	-.14	-.20
b. LSnotes	170	2.89	2.89	2.87	2.95	.067	.015	.009	.004	.87	.89	.89	.89	3,520	9,425	40,805	.916	.820	.346	-.01	.02	-.07
c. LSsummary	167	2.80	2.77	2.73	2.86	.063	.015	.009	.004	.81	.89	.89	.89	3,519	174	40,511	.715	.323	.339	.03	.07	-.07
10. challenge	171	5.40	5.44	5.46	5.54	.077	.019	.012	.006	1.01	1.13	1.13	1.17	3,536	178	172	.697	.474	.072	-.03	-.05	-.12
11 a. intern ^l	171	.023	.071	.078	.077	.0114	.0044	.0028	.0013	--	--	--	--	--	--	--	.014	.007	.007	-.24	-.26	-.26
b. leader ^l	171	.129	.109	.091	.105	.0257	.0054	.0030	.0015	--	--	--	--	--	--	--	.426	.089	.321	.06	.12	.07
c. learncom ^l	172	.147	.103	.130	.133	.0271	.0053	.0035	.0017	--	--	--	--	--	--	--	.068	.513	.578	.13	.05	.04
d. abroad ^l	172	.018	.038	.031	.032	.0101	.0033	.0018	.0009	--	--	--	--	--	--	--	.174	.311	.274	-.12	-.09	-.10
e. research ^l	171	.071	.046	.045	.049	.0196	.0036	.0022	.0011	--	--	--	--	--	--	--	.131	.111	.202	.11	.11	.09
f. capstone ^l	171	.022	.026	.025	.027	.0112	.0028	.0016	.0008	--	--	--	--	--	--	--	.725	.767	.656	-.03	-.02	-.04
12. servcourse	172	1.48	1.65	1.66	1.65	.049	.012	.007	.003	.65	.68	.70	.69	3,486	9,268	40,183	.001	.001	.001	-.25	-.26	-.25
13 a. QIstudent	170	5.34	5.39	5.37	5.47	.105	.025	.015	.007	1.36	1.42	1.42	1.42	3,497	9,344	40,101	.649	.818	.247	-.04	-.02	-.09
b. QIadvisor	170	5.40	5.06	4.91	5.16	.119	.031	.019	.009	1.55	1.76	1.76	1.72	192	177	39,371	.006	.000	.069	.20	.28	.14
c. QIfaculty	166	5.10	5.12	4.95	5.31	.109	.026	.017	.007	1.40	1.51	1.58	1.47	3,444	173	39,749	.849	.191	.064	-.02	.09	-.14
d. QIstaff	163	5.10	4.96	4.73	4.99	.119	.031	.020	.009	1.52	1.70	1.79	1.72	184	171	164	.270	.003	.385	.08	.21	.06
e. QIadmin	163	5.00	4.91	4.68	4.96	.114	.030	.019	.009	1.45	1.70	1.76	1.72	186	171	164	.458	.007	.725	.05	.18	.02
14 a. empstudy	167	3.00	3.15	3.14	3.16	.061	.013	.008	.004	.79	.76	.76	.76	183	172	168	.017	.027	.009	-.20	-.18	-.21
b. SEacademic	167	2.86	3.06	3.02	3.08	.065	.015	.009	.004	.84	.84	.84	.84	3,297	8,736	37,611	.003	.019	.001	-.23	-.18	-.25
c. SElearnsup	166	2.93	3.11	3.07	3.12	.067	.016	.010	.005	.86	.90	.89	.89	3,294	8,722	37,594	.016	.056	.006	-.19	-.15	-.21

NSSE 2016 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	8 peers	Far West Public	Carnegie Group	CWU	8 peers	Far West Public	Carnegie Group	CWU	8 peers	Far West Public	Carnegie Group	Comparisons with:			Comparisons with:			Comparisons with:		
														8 peers	Far West Public	Carnegie Group	8 peers	Far West Public	Carnegie Group	8 peers	Far West Public	Carnegie Group
d. SEdiverse	165	2.61	2.74	2.75	2.76	.072	.017	.010	.005	.93	.96	.97	.98	3,288	8,725	37,587	.094	.067	.046	-.13	-.14	-.16
e. SEsocial	165	2.81	3.00	2.92	2.96	.063	.015	.010	.005	.81	.86	.89	.91	3,285	8,718	37,554	.006	.137	.031	-.22	-.12	-.17
f. SEwellness	164	2.80	2.97	2.94	2.92	.066	.016	.010	.005	.84	.89	.91	.93	3,271	8,700	37,478	.018	.059	.102	-.19	-.15	-.13
g. SEnonacad	164	2.41	2.40	2.40	2.40	.069	.017	.011	.005	.89	.97	.99	1.00	184	170	164	.899	.899	.846	.01	.01	.01
h. SEactivities	164	2.73	2.82	2.77	2.79	.063	.016	.010	.005	.81	.92	.95	.98	3,271	172	165	.218	.633	.403	-.10	-.03	-.05
i. SEevents	164	2.46	2.50	2.49	2.54	.070	.017	.011	.005	.89	.96	.98	.99	3,256	170	164	.576	.672	.269	-.04	-.03	-.08
15 a. tmprephrs	166	12.60	13.04	13.22	13.65	.604	.137	.087	.042	7.77	7.67	8.06	8.15	3,290	8,722	37,532	.481	.330	.098	-.06	-.08	-.13
b. tmocurrhrs	164	4.96	4.76	4.30	5.10	.516	.110	.068	.035	6.61	6.13	6.28	6.77	3,257	8,659	37,302	.677	.182	.803	.03	.11	-.02
c. tmworkonhrs	164	2.05	2.04	1.94	2.19	.404	.093	.057	.028	5.18	5.18	5.26	5.35	3,272	8,680	37,373	.978	.780	.746	.00	.02	-.03
d. tmworkoffhrs	164	2.46	5.43	5.41	6.64	.523	.170	.102	.056	6.70	9.44	9.39	10.77	199	176	167	.000	.000	.000	-.32	-.32	-.39
— tmworkhrs	164	4.51	7.38	7.29	8.75	.657	.193	.120	.062	8.41	10.71	11.07	11.84	192	174	166	.000	.000	.000	-.27	-.25	-.36
e. tmservicehrs	163	1.64	2.22	2.50	2.52	.300	.074	.052	.024	3.84	4.10	4.74	4.70	3,245	8,608	37,100	.078	.021	.016	-.14	-.18	-.19
f. tmrelaxhrs	163	12.06	12.46	12.04	11.84	.665	.152	.094	.044	8.47	8.45	8.62	8.53	3,256	8,641	37,257	.559	.968	.733	-.05	.00	.03
g. tmcarehrs	164	1.17	2.36	3.18	3.91	.347	.107	.073	.044	4.45	5.92	6.67	8.55	195	178	169	.001	.000	.000	-.20	-.30	-.32
h. tmcommutehrs	164	3.14	3.91	5.18	3.76	.346	.095	.065	.030	4.44	5.31	5.97	5.70	189	175	166	.034	.000	.079	-.15	-.34	-.11
16. reading	163	2.75	2.78	2.87	2.85	.076	.019	.012	.006	.97	1.08	1.12	1.09	3,259	171	37,194	.694	.120	.225	-.03	-.11	-.10
— tmreadinghrs	163	5.67	6.10	6.41	6.67	.372	.097	.063	.031	4.76	5.39	5.73	5.88	3,245	8,565	165	.317	.102	.008	-.08	-.13	-.17
17 a. pgwrite	163	2.82	2.85	2.91	2.91	.065	.016	.009	.005	.83	.88	.86	.88	3,257	8,681	37,243	.684	.197	.185	-.03	-.10	-.10
b. pgspeak	161	2.53	2.78	2.82	2.75	.072	.016	.010	.005	.91	.90	.89	.93	3,241	8,653	37,150	.001	.000	.002	-.28	-.33	-.24
c. pgthink	162	2.97	3.08	3.08	3.10	.063	.014	.009	.004	.80	.80	.81	.81	3,249	8,653	37,147	.075	.080	.039	-.14	-.14	-.16
d. pganalyze	158	2.53	2.62	2.64	2.60	.073	.017	.010	.005	.92	.94	.93	.97	3,255	8,635	37,096	.213	.132	.327	-.10	-.12	-.08
e. pgwork	163	2.50	2.58	2.47	2.62	.072	.017	.011	.005	.91	.96	.98	.97	3,253	8,645	37,135	.338	.704	.112	-.08	.03	-.12
f. pgothers	163	2.78	2.85	2.83	2.85	.066	.016	.010	.005	.84	.89	.89	.90	3,234	8,620	37,080	.382	.532	.322	-.07	-.05	-.08
g. pgvalues	162	2.69	2.69	2.65	2.73	.068	.017	.010	.005	.87	.95	.96	.96	181	168	163	.958	.644	.526	.00	.03	-.05
h. pgdiverse	161	2.72	2.78	2.82	2.78	.069	.017	.010	.005	.87	.95	.94	.96	3,247	8,650	162	.417	.185	.349	-.07	-.11	-.07
i. pgprobsolve	163	2.62	2.63	2.59	2.64	.068	.017	.010	.005	.87	.94	.94	.95	3,246	8,644	163	.910	.672	.850	-.01	.03	-.01
j. pgcitizen	160	2.67	2.60	2.59	2.65	.069	.017	.010	.005	.88	.96	.95	.96	180	166	161	.373	.277	.771	.07	.08	.02
18. evalexp	164	3.08	3.13	3.08	3.20	.057	.012	.008	.004	.73	.70	.71	.73	3,277	8,694	165	.365	.963	.043	-.07	.00	-.16
19. sameinst	164	3.19	3.15	3.11	3.21	.063	.014	.009	.004	.80	.80	.79	.81	3,276	8,715	37,339	.475	.204	.848	.06	.10	-.02

NSSE 2016 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	8 peers	Far West Public	Carnegie Group	CWU	8 peers	Far West Public	Carnegie Group	CWU	8 peers	Far West Public	Carnegie Group	Comparisons with:			Comparisons with:			Comparisons with:		
														8 peers	Far West Public	Carnegie Group	8 peers	Far West Public	Carnegie Group	8 peers	Far West Public	Carnegie Group
1 a. askquest	418	3.26	3.10	3.03	3.22	.038	.012	.007	.003	.78	.87	.89	.84	5,415	18,012	424	.000	.000	.263	.19	.26	.05
b. drafts	417	2.59	2.39	2.48	2.50	.048	.014	.008	.004	.99	1.02	1.01	1.03	5,355	17,848	61,842	.000	.023	.079	.20	.11	.09
c. unpreparedr	413	2.96	2.91	2.89	3.04	.041	.011	.006	.003	.83	.78	.81	.80	5,325	17,748	61,510	.251	.104	.034	.06	.08	-.10
d. attendart	415	1.82	1.78	1.77	1.81	.044	.013	.007	.004	.89	.90	.88	.92	5,305	17,658	61,234	.306	.251	.767	.05	.06	.01
e. CLaskhelp	411	2.48	2.48	2.50	2.35	.045	.013	.007	.004	.92	.88	.90	.91	5,288	17,622	61,083	.995	.739	.003	.00	-.02	.15
f. CLexplain	414	2.81	2.81	2.80	2.69	.043	.012	.006	.004	.88	.83	.83	.88	5,287	17,575	60,923	.930	.973	.008	.00	.00	.13
g. CLstudy	412	2.55	2.54	2.55	2.41	.050	.014	.008	.004	1.01	.98	.98	1.02	5,276	17,569	60,817	.717	.925	.004	.02	.00	.14
h. CLproject	411	2.97	2.95	2.95	2.77	.043	.012	.007	.004	.87	.87	.89	.96	5,268	17,512	417	.638	.698	.000	.02	.02	.21
i. present	409	2.86	2.78	2.76	2.71	.046	.014	.007	.004	.93	.94	.96	.99	5,245	429	414	.101	.034	.001	.08	.10	.15
2 a. RIintegrate	406	3.08	3.02	3.02	2.98	.039	.012	.006	.003	.78	.82	.83	.84	5,127	17,089	59,208	.190	.172	.029	.07	.07	.11
b. RIsocietal	408	2.92	2.84	2.88	2.89	.041	.013	.007	.004	.82	.89	.90	.89	495	431	414	.071	.351	.455	.09	.04	.03
c. RIDiverse	409	2.67	2.63	2.69	2.72	.046	.014	.008	.004	.93	.97	.97	.95	5,088	16,951	58,644	.473	.733	.259	.04	-.02	-.06
d. Rlownview	408	2.92	2.81	2.87	2.90	.038	.013	.007	.003	.77	.86	.85	.84	499	432	414	.007	.214	.528	.13	.06	.03
e. Rlperspect	408	3.00	2.95	2.99	2.99	.038	.012	.006	.003	.77	.84	.83	.82	496	431	413	.190	.858	.704	.06	.01	.02
f. RInewview	407	3.01	2.92	2.99	2.97	.037	.012	.006	.003	.75	.82	.81	.80	495	430	413	.012	.554	.282	.12	.03	.05
g. RIconnect	406	3.23	3.21	3.24	3.24	.037	.011	.006	.003	.75	.75	.75	.74	5,023	16,752	57,935	.743	.722	.667	.02	-.02	-.02
3 a. SFcareer	407	2.50	2.42	2.33	2.42	.049	.014	.008	.004	.99	.97	.96	.99	5,015	426	57,943	.115	.001	.085	.08	.18	.09
b. SFotherwork	406	2.04	1.97	1.89	1.91	.053	.015	.008	.004	1.08	1.04	1.02	1.03	5,005	16,717	57,745	.167	.002	.012	.07	.15	.13
c. SFdiscuss	404	2.37	2.22	2.13	2.17	.049	.014	.007	.004	.99	.95	.95	.98	470	422	409	.003	.000	.000	.16	.25	.20
d. SFperform	403	2.34	2.21	2.17	2.23	.049	.014	.007	.004	.98	.92	.92	.94	465	419	407	.010	.000	.022	.14	.19	.12
4 a. memorize	403	2.79	2.82	2.86	2.73	.044	.013	.007	.004	.89	.88	.89	.91	4,990	16,718	57,717	.486	.101	.238	-.04	-.08	.06
b. HOapply	403	3.09	3.08	3.12	3.13	.037	.012	.006	.003	.75	.81	.82	.80	490	427	409	.864	.393	.202	.01	-.04	-.06
c. HOanalyze	403	3.03	3.04	3.10	3.11	.040	.012	.007	.003	.80	.84	.84	.83	4,950	424	408	.838	.102	.055	-.01	-.08	-.09
d. HOevaluate	402	2.91	2.91	2.97	3.02	.041	.013	.007	.004	.83	.87	.87	.85	4,952	16,591	57,284	.984	.195	.008	.00	-.07	-.13
e. HOform	403	3.00	2.91	2.97	3.02	.039	.013	.007	.004	.78	.87	.86	.84	494	427	408	.028	.464	.733	.10	.03	-.02
5 a. ETgoals	403	3.10	3.17	3.18	3.21	.038	.011	.006	.003	.76	.77	.78	.78	479	424	408	.069	.041	.003	-.09	-.10	-.14
b. ETorganize	405	3.02	3.10	3.09	3.15	.039	.012	.006	.003	.79	.78	.81	.80	4,969	425	410	.039	.085	.001	-.11	-.09	-.16
c. ETexample	404	3.08	3.16	3.14	3.15	.040	.012	.006	.003	.80	.80	.82	.83	4,954	424	409	.043	.128	.056	-.11	-.08	-.09
d. ETdraftb	405	2.77	2.80	2.77	2.86	.045	.014	.008	.004	.91	.96	.97	.97	4,953	427	57,277	.535	.954	.063	-.03	.00	-.09
e. ETfeedback	403	2.83	2.81	2.80	2.92	.041	.013	.007	.004	.83	.89	.93	.91	489	427	408	.802	.513	.023	.01	.03	-.10

NSSE 2016 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	8 peers	Far West Public	Carnegie Group	CWU	8 peers	Far West Public	Carnegie Group	CWU	8 peers	Far West Public	Carnegie Group	Comparisons with:			Comparisons with:			Comparisons with:		
														8 peers	Far West Public	Carnegie Group	8 peers	Far West Public	Carnegie Group	8 peers	Far West Public	Carnegie Group
6 a. QRconclude	405	2.71	2.63	2.68	2.64	.044	.014	.007	.004	.88	.94	.94	.95	489	427	411	.071	.426	.089	.09	.04	.08
b. QRproblem	404	2.52	2.42	2.46	2.45	.047	.014	.008	.004	.94	.97	.98	.97	4,955	16,621	57,294	.044	.267	.155	.10	.06	.07
c. QRevaluate	404	2.51	2.41	2.47	2.42	.046	.014	.007	.004	.92	.94	.95	.95	4,959	16,593	57,189	.048	.436	.053	.10	.04	.10
7 a. wrshortnum	374	9.76	7.55	7.66	8.07	.376	.101	.055	.030	7.26	6.52	6.70	6.82	428	389	377	.000	.000	.000	.33	.31	.25
b. wrmednum	372	4.49	3.28	3.77	3.86	.231	.062	.036	.020	4.45	3.97	4.40	4.51	426	14,974	51,904	.000	.002	.007	.30	.16	.14
c. wrlongnum	368	2.18	1.78	2.18	2.05	.175	.052	.033	.017	3.35	3.34	3.95	3.74	4,427	14,690	51,026	.026	.998	.493	.12	.00	.04
— wrpages	360	95.77	73.44	83.10	83.00	4.558	1.303	.789	.408	86.52	81.98	93.11	90.68	4,319	14,284	49,686	.000	.011	.008	.27	.14	.14
8 a. DDrace	388	3.06	3.08	3.25	3.10	.042	.014	.007	.004	.83	.91	.89	.93	473	409	394	.665	.000	.370	-.02	-.21	-.04
b. DDeconomic	387	3.11	3.06	3.17	3.09	.041	.013	.007	.004	.81	.88	.88	.90	472	410	393	.286	.159	.566	.05	-.07	.03
c. DDreligion	386	3.03	3.00	3.09	3.01	.046	.014	.008	.004	.90	.92	.94	.94	4,640	15,542	53,701	.503	.224	.741	.04	-.06	.02
d. DDpolitical	382	3.04	3.01	3.01	3.02	.045	.014	.008	.004	.87	.91	.95	.93	4,626	404	388	.454	.522	.616	.04	.03	.02
9 a. LSreading	387	3.26	3.16	3.22	3.24	.037	.012	.006	.003	.73	.80	.79	.78	4,624	410	392	.015	.337	.691	.13	.05	.02
b. LSnotes	386	2.91	2.85	2.88	2.93	.045	.014	.008	.004	.89	.93	.94	.94	464	407	391	.204	.574	.686	.07	.03	-.02
c. LSsummary	384	2.88	2.82	2.84	2.94	.044	.014	.008	.004	.86	.92	.93	.91	468	406	389	.193	.462	.161	.07	.04	-.07
10. challenge	386	5.66	5.58	5.67	5.72	.052	.019	.010	.005	1.03	1.23	1.20	1.21	492	413	393	.123	.887	.280	.07	-.01	-.05
11 a. intern ^l	385	.469	.487	.460	.467	.0255	.0077	.0041	.0022	--	--	--	--	--	--	--	.519	.726	.933	-.03	.02	.00
b. leader ^l	386	.334	.350	.294	.318	.0240	.0073	.0037	.0020	--	--	--	--	--	--	--	.527	.089	.518	-.03	.09	.03
c. learncom ^l	385	.251	.223	.230	.233	.0221	.0064	.0034	.0018	--	--	--	--	--	--	--	.199	.327	.386	.07	.05	.04
d. abroad ^l	385	.096	.097	.107	.113	.0150	.0046	.0025	.0014	--	--	--	--	--	--	--	.950	.464	.272	.00	-.04	-.06
e. research ^l	382	.262	.202	.212	.210	.0225	.0062	.0033	.0018	--	--	--	--	--	--	--	.006	.019	.013	.14	.12	.12
f. capstone ^l	383	.509	.441	.416	.456	.0256	.0077	.0040	.0022	--	--	--	--	--	--	--	.010	.000	.037	.14	.19	.11
12. servcourse	383	1.67	1.77	1.76	1.78	.034	.011	.006	.003	.66	.68	.70	.71	4,589	15,314	53,001	.006	.009	.002	-.15	-.14	-.16
13 a. QIstudent	385	5.61	5.66	5.66	5.69	.065	.020	.011	.006	1.27	1.27	1.31	1.32	4,586	15,325	52,635	.465	.442	.235	-.04	-.04	-.06
b. QIadvisor	379	5.07	5.10	5.08	5.27	.097	.028	.015	.008	1.89	1.82	1.77	1.78	4,496	15,025	52,204	.750	.905	.029	-.02	-.01	-.11
c. QIfaculty	381	5.55	5.49	5.44	5.61	.068	.021	.012	.006	1.33	1.39	1.43	1.39	4,550	403	52,420	.423	.120	.418	.04	.08	-.04
d. QIstaff	306	4.96	4.91	4.83	4.94	.092	.029	.016	.009	1.61	1.73	1.78	1.78	370	324	310	.600	.155	.844	.03	.08	.01
e. QIadmin	370	5.03	4.95	4.81	4.96	.081	.027	.015	.008	1.56	1.67	1.74	1.75	453	394	376	.350	.006	.372	.05	.13	.04
14 a. empstudy	378	3.07	3.10	3.17	3.16	.039	.012	.006	.003	.76	.77	.78	.77	4,384	398	383	.433	.010	.027	-.04	-.13	-.11
b. SEacademic	378	2.91	2.92	2.90	2.98	.043	.014	.007	.004	.84	.86	.87	.87	4,351	14,542	50,326	.773	.913	.138	-.02	.01	-.08
c. SElearnsup	380	2.86	2.85	2.82	2.89	.047	.015	.008	.004	.92	.93	.94	.94	4,349	14,563	50,359	.802	.439	.515	.01	.04	-.03

NSSE 2016 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	8 peers	Far West Public	Carnegie Group	CWU	8 peers	Far West Public	Carnegie Group	CWU	8 peers	Far West Public	Carnegie Group	Comparisons with:			Comparisons with:			Comparisons with:		
														8 peers	Far West Public	Carnegie Group	8 peers	Far West Public	Carnegie Group	8 peers	Far West Public	Carnegie Group
d. SEdiverse	379	2.54	2.56	2.62	2.62	.050	.016	.008	.005	.97	.99	1.01	1.01	4,351	14,550	50,351	.599	.130	.094	-.03	-.08	-.09
e. SEsocial	380	2.83	2.86	2.80	2.82	.044	.014	.008	.004	.85	.90	.93	.95	4,341	404	387	.511	.511	.895	-.04	.03	.01
f. SEwellness	380	2.63	2.83	2.77	2.72	.051	.015	.008	.004	.98	.94	.96	.99	448	14,514	50,155	.000	.005	.081	-.21	-.15	-.09
g. SEnonacad	378	2.06	2.08	2.07	2.11	.050	.016	.008	.005	.98	.99	1.00	1.02	4,326	14,495	50,177	.702	.867	.323	-.02	-.01	-.05
h. SEactivities	378	2.54	2.58	2.57	2.54	.049	.015	.008	.005	.96	.96	.99	1.02	4,325	14,461	383	.351	.536	.996	-.05	-.03	.00
i. SEevents	377	2.37	2.36	2.36	2.39	.048	.015	.008	.004	.94	.96	.97	1.00	4,311	14,436	383	.890	.877	.758	.01	.01	-.02
15 a. tmprephrs	379	15.01	14.49	15.06	14.49	.436	.139	.075	.039	8.48	8.74	8.96	8.72	4,335	401	50,216	.265	.919	.244	.06	-.01	.06
b. tmocurrhrs	377	3.78	4.60	4.12	4.34	.297	.107	.055	.031	5.77	6.73	6.57	6.89	480	403	384	.009	.261	.064	-.12	-.05	-.08
c. tmworkonhrs	378	3.91	3.56	3.47	3.23	.369	.113	.060	.031	7.17	7.09	7.09	6.89	4,321	14,449	382	.348	.233	.065	.05	.06	.10
d. tmworkoffhrs	377	10.10	12.14	12.58	14.27	.643	.201	.109	.061	12.48	12.59	12.90	13.65	4,305	14,376	383	.003	.000	.000	-.16	-.19	-.31
— tmworkhrs	376	13.95	15.60	15.94	17.39	.674	.203	.112	.061	13.07	12.71	13.22	13.55	4,279	14,287	49,542	.017	.004	.000	-.13	-.15	-.25
e. tmservicehrs	372	2.88	3.29	3.62	3.34	.264	.089	.050	.025	5.10	5.60	5.94	5.66	4,289	399	49,715	.183	.007	.118	-.07	-.12	-.08
f. tmrelaxhrs	376	10.45	11.24	10.51	10.11	.386	.133	.069	.036	7.49	8.32	8.17	7.99	469	400	49,922	.054	.888	.402	-.10	-.01	.04
g. tmcarehrs	376	5.33	5.49	6.41	7.84	.545	.166	.091	.055	10.56	10.42	10.81	12.18	4,296	14,389	382	.773	.055	.000	-.02	-.10	-.21
h. tmcommutehrs	378	4.28	5.12	5.98	4.84	.262	.085	.050	.026	5.10	5.34	5.97	5.89	4,324	405	385	.003	.000	.036	-.16	-.29	-.09
16. reading	379	2.96	2.85	2.99	2.97	.057	.019	.010	.005	1.11	1.20	1.20	1.16	466	402	49,965	.068	.687	.864	.09	-.02	-.01
— tmreadinghrs	378	7.86	7.04	7.71	7.47	.341	.101	.056	.029	6.63	6.33	6.63	6.45	4,303	14,334	49,699	.016	.669	.241	.13	.02	.06
17 a. pgwrite	379	3.03	3.00	3.03	3.08	.043	.014	.008	.004	.84	.89	.90	.89	4,323	401	384	.423	.999	.338	.04	.00	-.05
b. pgspeak	376	2.86	2.93	2.92	2.95	.047	.015	.008	.004	.91	.92	.94	.94	4,315	14,402	49,905	.159	.253	.050	-.08	-.06	-.10
c. pgthink	379	3.24	3.26	3.27	3.30	.040	.013	.007	.004	.79	.81	.81	.80	4,313	14,387	49,901	.640	.462	.114	-.03	-.04	-.08
d. pganalyze	377	2.80	2.81	2.86	2.80	.049	.016	.008	.004	.94	.99	.97	.99	4,304	14,394	382	.736	.169	.870	-.02	-.07	-.01
e. pgwork	377	3.04	2.92	2.85	2.96	.046	.015	.008	.004	.89	.97	.99	.97	465	401	383	.016	.000	.077	.12	.20	.08
f. pgothers	376	3.06	3.06	3.02	3.05	.045	.014	.008	.004	.88	.88	.90	.90	4,303	14,389	49,825	.927	.370	.761	.00	.05	.02
g. pgvalues	377	2.77	2.77	2.76	2.86	.049	.016	.009	.005	.95	1.01	1.02	1.00	462	400	49,884	.964	.794	.076	.00	.01	-.09
h. pgdiverse	374	2.77	2.81	2.85	2.85	.051	.016	.008	.004	.98	.98	.99	.99	4,304	14,397	49,866	.415	.113	.117	-.04	-.08	-.08
i. pgprobsolve	376	2.83	2.78	2.78	2.82	.048	.015	.008	.004	.92	.97	.97	.97	458	398	49,831	.303	.289	.795	.05	.05	.01
j. pgcitizen	369	2.69	2.64	2.66	2.72	.051	.016	.009	.005	.98	1.01	1.01	1.00	4,280	14,314	49,609	.384	.576	.551	.05	.03	-.03
18. evalexp	376	3.22	3.21	3.17	3.27	.036	.012	.006	.003	.70	.75	.77	.76	463	400	382	.611	.135	.256	.03	.07	-.05
19. sameinst	377	3.23	3.18	3.17	3.21	.040	.013	.007	.004	.77	.84	.84	.85	4,319	14,485	383	.301	.164	.657	.06	.07	.02

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."