
NSSE 2023

Frequencies and Statistical Comparisons

Washington State University

NSSE 2023 Frequencies and Statistical Comparisons

About This Report

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

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

Note: Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: go.iu.edu/NSSE-weights
- Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (* $p < .05$, ** $p < .01$, *** $p < .001$). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes will generate more statistically significant results even when the magnitude of mean differences are inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are items 11 a-f which are compared using a z -test.

NSSE Frequencies and Statistical Comparisons

NSSEville State University

Seniors		Frequency Distributions ^a										Statistical Comparisons ^b						
		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		
Item wording or description	Variable name ^c	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	135	20	4,397	27	845	29	75,222	33							
		3	Often	112	33	5,947	37	1,086	38	81,724	35							
		4	Very often	280	46	5,440	34	889	31	66,983	29							
			Total	630	100	16,028	100	2,874	100	230,881	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16	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	858	31	67,348	29							
		4	Very often	113	19	3,072	20	611	1	77,208	21							
			Total	626	100	16,948	100	1,881	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							

- Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large (NSSE adjusts this to .1/.3/.5 for the Engagement Indicators). 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. You may not see all of these symbols in your report.

NSSE 2023 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				WSU		Public RUVH - WICHE		RUVH Land-grant		Public RUVH		WSU		Public RUVH - WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	69	5	234	4	422	5	932	4	2.7	2.7	-.01	2.7	.03	2.7	-.04	
		2	Sometimes	540	39	2,305	41	3,794	43	9,393	40								
		3	Often	492	37	2,032	36	2,983	33	8,030	34								
		4	Very often	245	19	1,065	19	1,721	19	4,950	21								
		Total	1,346	100	5,636	100	8,920	100	23,305	100									
b. Asked another student to help you understand course material	CLaskhelp	1	Never	144	12	470	10	785	10	1,967	10	2.6	2.6	.01	2.6	.01	2.6	-.01	
		2	Sometimes	479	35	2,242	41	3,584	41	9,163	40								
		3	Often	501	37	1,869	32	2,943	32	7,636	31								
		4	Very often	229	16	1,016	17	1,568	17	4,504	19								
		Total	1,353	100	5,597	100	8,880	100	23,270	100									
c. Explained course material to one or more students	CLexplain	1	Never	99	8	342	7	544	6	1,311	7	2.6	2.6 *	-.07	2.6 **	-.08	2.7 ***	-.10	
		2	Sometimes	579	43	2,206	40	3,540	40	8,994	39								
		3	Often	467	35	2,114	37	3,304	37	8,564	36								
		4	Very often	208	15	934	17	1,490	17	4,337	18								
		Total	1,353	100	5,596	100	8,878	100	23,206	100									
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	244	19	891	18	1,397	17	3,408	17	2.4	2.4	.03	2.5	-.01	2.5 *	-.06	
		2	Sometimes	461	34	2,161	39	3,325	38	8,154	36								
		3	Often	427	31	1,632	29	2,547	28	6,991	29								
		4	Very often	212	16	892	15	1,566	17	4,526	18								
		Total	1,344	100	5,576	100	8,835	100	23,079	100									
e. Worked with other students on course projects or assignments	CLproject	1	Never	86	7	462	9	751	9	1,545	8	2.7	2.6 **	.09	2.6 ***	.10	2.7	.00	
		2	Sometimes	488	36	2,191	39	3,480	40	8,287	37								
		3	Often	533	39	1,958	35	3,039	34	8,402	35								
		4	Very often	236	18	946	17	1,490	17	4,700	20								
		Total	1,343	100	5,557	100	8,760	100	22,934	100									
f. Given a course presentation	present	1	Never	357	26	1,642	31	2,445	28	4,768	22	2.1	2.0 **	.08	2.0 *	.06	2.2 ***	-.12	
		2	Sometimes	633	47	2,489	44	4,293	49	10,776	48								
		3	Often	263	20	1,015	18	1,428	17	5,058	21								
		4	Very often	87	7	396	7	578	7	2,304	9								
		Total	1,340	100	5,542	100	8,744	100	22,906	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 2023 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				WSU		Public RUVH -						WSU		Public RUVH -					
						WICHE		RUVH Land-grant		Public RUVH				WICHE		RUVH Land-grant		Public RUVH	
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	
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIIntegrate	1	Never	84	7	316	6	629	8	1,537	7	2.7	2.7	.04	2.6 ***	.15	2.7 **	.08	
		2	Sometimes	419	31	1,981	36	3,285	39	8,186	37								
		3	Often	583	44	2,238	40	3,374	39	8,989	39								
		4	Very often	235	17	948	18	1,288	14	3,829	17								
		Total	1,321	100	5,483	100	8,576	100	22,541	100									
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	108	9	424	8	818	11	1,886	10	2.6	2.7 *	-.06	2.5 **	.08	2.6	.02	
		2	Sometimes	471	36	1,935	35	3,277	39	8,321	38								
		3	Often	524	40	2,088	38	3,077	35	8,264	36								
		4	Very often	213	15	986	19	1,313	15	3,880	17								
		Total	1,316	100	5,433	100	8,485	100	22,351	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	104	8	482	9	865	11	1,877	10	2.7	2.7	-.01	2.6 ***	.13	2.6	.05	
		2	Sometimes	435	34	1,861	34	3,107	38	7,737	36								
		3	Often	529	40	1,963	36	2,928	34	8,159	35								
		4	Very often	244	18	1,093	21	1,491	17	4,340	19								
		Total	1,312	100	5,399	100	8,391	100	22,113	100									
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	48	4	242	5	418	5	945	5	2.8	2.8	.02	2.8 **	.07	2.8	.00	
		2	Sometimes	384	29	1,552	29	2,576	32	6,367	29								
		3	Often	629	49	2,618	48	3,847	46	10,194	46								
		4	Very often	243	18	940	18	1,426	18	4,285	20								
		Total	1,304	100	5,352	100	8,267	100	21,791	100									
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	31	3	127	2	243	3	534	3	2.9	2.9	-.01	2.9	.05	2.9	.00	
		2	Sometimes	316	25	1,317	25	2,091	27	5,355	26								
		3	Often	631	49	2,638	49	3,953	48	10,315	47								
		4	Very often	305	23	1,200	23	1,805	22	5,193	24								
		Total	1,283	100	5,282	100	8,092	100	21,397	100									
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	37	3	128	3	215	3	548	3	2.9	2.9	-.01	2.9	.03	2.9	.00	
		2	Sometimes	351	28	1,492	28	2,332	30	5,932	29								
		3	Often	594	47	2,413	46	3,653	45	9,664	45								
		4	Very often	286	22	1,187	23	1,733	22	4,866	23								
		Total	1,268	100	5,220	100	7,933	100	21,010	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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Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				WSU		Public RUVH -								Public RUVH -					
						WICHE		RUVH Land-grant		Public RUVH		WSU		WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	9	1	53	1	80	1	224	1	3.1	3.1	-.03	3.1	-.03	3.1	-.03	
		2	Sometimes	256	21	947	19	1,502	20	3,926	20								
		3	Often	639	51	2,693	51	3,929	49	10,463	49								
		4	Very often	356	28	1,486	29	2,308	30	6,169	30								
		Total	1,260	100	5,179	100	7,819	100	20,782	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	168	14	1,067	22	1,437	21	3,393	18	2.4	2.2 *** Δ	.25	2.2 *** Δ	.21	2.4 ** Δ	.09	
		2	Sometimes	535	42	2,325	45	3,534	45	8,790	43								
		3	Often	371	30	1,197	22	1,852	22	5,411	25								
		4	Very often	185	14	579	11	984	12	3,135	14								
		Total	1,259	100	5,168	100	7,807	100	20,729	100									
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	553	44	2,453	49	3,509	47	8,445	43	1.9	1.8 *** Δ	.14	1.8 *** Δ	.10	1.9	-.01	
		2	Sometimes	388	30	1,642	31	2,589	33	6,791	33								
		3	Often	230	19	760	14	1,139	14	3,551	16								
		4	Very often	87	7	290	5	538	7	1,814	8								
		Total	1,258	100	5,145	100	7,775	100	20,601	100									
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	397	31	1,670	33	2,590	35	6,041	31	2.1	2.0 ** Δ	.09	2.0 *** Δ	.11	2.1	.00	
		2	Sometimes	493	39	2,163	42	3,214	41	8,329	41								
		3	Often	249	21	934	18	1,329	17	4,056	19								
		4	Very often	106	9	340	7	527	7	1,916	9								
		Total	1,245	100	5,107	100	7,660	100	20,342	100									
d. Discussed your academic performance with a faculty member	SFperform	1	Never	263	21	1,472	30	2,255	30	5,088	26	2.2	2.0 *** Δ	.20	2.0 *** Δ	.21	2.1 * Δ	.06	
		2	Sometimes	582	47	2,336	45	3,470	45	8,793	43								
		3	Often	304	24	952	18	1,409	18	4,459	21								
		4	Very often	97	8	351	7	538	7	2,001	9								
		Total	1,246	100	5,111	100	7,672	100	20,341	100									
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	51	4	216	4	220	3	570	3	2.9	2.8 *** Δ	.12	2.9	.01	3.0	-.03	
		2	Some	284	23	1,426	29	1,936	26	4,843	24								
		3	Quite a bit	568	46	2,302	45	3,454	45	9,088	45								
		4	Very much	338	27	1,131	22	1,992	26	5,641	28								
		Total	1,241	100	5,075	100	7,602	100	20,142	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 2023 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				WSU		Public RUVH -								Public RUVH -					
						WICHE		RUVH Land-grant		Public RUVH		WSU		WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	38	3	137	3	194	3	600	3	2.9	2.9	.01	3.0	-.05	3.0	-.05	
		2	Some	286	23	1,226	25	1,777	23	4,527	23								
		3	Quite a bit	622	51	2,431	47	3,569	46	9,332	46								
		4	Very much	293	23	1,261	25	2,010	27	5,553	28								
		Total	1,239	100	5,055	100	7,550	100	20,012	100									
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	33	3	148	3	256	3	596	3	2.9	2.9	-.01	2.9	-.02	3.0 *	▽	
		2	Some	341	27	1,306	26	1,960	26	4,842	25								
		3	Quite a bit	579	48	2,402	47	3,450	46	8,987	45								
		4	Very much	276	22	1,163	24	1,810	25	5,345	27								
		Total	1,229	100	5,019	100	7,476	100	19,770	100									
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	44	4	248	5	371	5	728	4	2.9	2.8 *** △	.11	2.8 *** △	.16	2.9	.04	
		2	Some	294	24	1,345	27	2,147	30	5,050	26								
		3	Quite a bit	584	48	2,347	46	3,343	44	8,943	45								
		4	Very much	302	25	1,058	22	1,583	21	4,972	25								
		Total	1,224	100	4,998	100	7,444	100	19,693	100									
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	28	2	177	4	309	5	639	4	2.9	2.9 ** △	.08	2.9 *** △	.11	2.9	.02	
		2	Some	295	24	1,327	27	1,991	27	4,806	25								
		3	Quite a bit	617	51	2,374	47	3,455	46	9,128	46								
		4	Very much	282	23	1,088	22	1,641	22	4,997	25								
		Total	1,222	100	4,966	100	7,396	100	19,570	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	26	2	108	3	114	2	333	2	3.0	3.0	.03	3.0	-.05	3.1 ** ▽	-.09	
		2	Some	266	22	1,096	23	1,583	22	3,962	20								
		3	Quite a bit	614	50	2,427	48	3,602	49	9,350	48								
		4	Very much	309	26	1,313	26	2,046	28	5,786	30								
		Total	1,215	100	4,944	100	7,345	100	19,431	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	55	4	182	4	252	3	690	4	2.9	2.9	.00	3.0 *	-.06	3.0	▽	
		2	Some	286	23	1,101	23	1,629	22	4,324	22								
		3	Quite a bit	573	47	2,406	48	3,510	48	9,116	47								
		4	Very much	299	25	1,242	25	1,942	27	5,208	28								
		Total	1,213	100	4,931	100	7,333	100	19,338	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 2023 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				WSU		Public RUVH -								Public RUVH -					
						WICHE		RUVH Land-grant		Public RUVH		WSU		WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	43	3	148	4	199	3	541	3	3.0	3.0	-.01	3.0 *	-.07	3.0 **	▽	
		2	Some	274	23	1,111	24	1,617	22	4,259	22								
		3	Quite a bit	585	48	2,286	46	3,349	46	8,668	44								
		4	Very much	306	26	1,368	27	2,136	29	5,800	31								
		Total	1,208	100	4,913	100	7,301	100	19,268	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	84	7	462	10	728	11	1,551	9	2.8	2.7 ***	.11	2.7 ***	.12	2.8	.01	
		2	Some	364	29	1,625	33	2,345	32	5,911	30								
		3	Quite a bit	527	44	1,855	37	2,792	38	7,347	38								
		4	Very much	231	20	961	20	1,419	19	4,424	23								
		Total	1,206	100	4,903	100	7,284	100	19,233	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	119	9	475	10	738	10	1,879	10	2.6	2.6	.04	2.6	.04	2.7	-.04	
		2	Some	430	35	1,776	37	2,602	36	6,435	34								
		3	Quite a bit	461	40	1,861	37	2,733	37	7,149	37								
		4	Very much	193	16	779	16	1,179	16	3,679	19								
		Total	1,203	100	4,891	100	7,252	100	19,142	100									
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	42	3	191	4	239	3	616	3	2.9	2.9 *	.07	2.9	.01	3.0	-.04	
		2	Some	295	24	1,288	27	1,777	25	4,494	23								
		3	Quite a bit	566	48	2,238	45	3,359	46	8,727	46								
		4	Very much	290	25	1,161	24	1,839	25	5,209	28								
		Total	1,193	100	4,878	100	7,214	100	19,046	100									
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	35	3	168	4	213	3	489	3	2.9	2.9	.05	2.9	.01	3.0	-.05	
		2	Some	279	23	1,171	25	1,745	25	4,408	23								
		3	Quite a bit	614	52	2,391	48	3,485	48	9,016	47								
		4	Very much	266	23	1,122	23	1,756	25	5,058	27								
		Total	1,194	100	4,852	100	7,199	100	18,971	100									
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	109	9	364	8	587	9	1,450	8	2.6	2.6	.02	2.6	.02	2.6	-.04	
		2	Some	448	36	1,879	39	2,781	38	7,046	37								
		3	Quite a bit	455	39	1,932	39	2,788	39	7,311	38								
		4	Very much	178	15	672	14	1,025	14	3,128	17								
		Total	1,190	100	4,847	100	7,181	100	18,935	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 2023 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				WSU		Public RUVH -						WSU		Public RUVH -					
						WICHE		RUVH Land-grant		Public RUVH				WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	29	3	102	3	147	2	439	3	3.1	3.1	-.01	3.1	-.05	3.1	-.04	
		2	Some	241	20	916	20	1,310	19	3,545	19								
		3	Quite a bit	561	47	2,342	47	3,412	47	8,706	46								
		4	Very much	361	30	1,487	31	2,293	32	6,174	33								
		Total	1,192	100	4,847	100	7,162	100	18,864	100									
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	89	7	386	8	551	8	1,391	7	2.7	2.6 *	.07	2.7	.03	2.7	.01	
		2	Sometimes	400	33	1,768	37	2,510	35	6,455	35								
		3	Often	492	43	1,880	39	2,772	40	7,262	39								
		4	Very often	192	17	755	17	1,185	17	3,421	19								
		Total	1,173	100	4,789	100	7,018	100	18,529	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	187	15	679	14	1,125	16	2,682	15	2.4	2.4	.00	2.4	.04	2.5	-.03	
		2	Sometimes	470	40	1,948	40	2,786	39	6,917	38								
		3	Often	356	31	1,545	32	2,170	31	6,098	32								
		4	Very often	159	14	596	13	898	13	2,736	15								
		Total	1,172	100	4,768	100	6,979	100	18,433	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	146	12	604	13	963	14	2,439	14	2.5	2.4	.04	2.4 *	.06	2.5	.01	
		2	Sometimes	476	40	1,996	42	2,876	41	7,065	39								
		3	Often	407	35	1,632	34	2,342	34	6,377	35								
		4	Very often	141	12	526	11	761	11	2,457	13								
		Total	1,170	100	4,758	100	6,942	100	18,338	100									
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum (Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	46	4	320	7	741	10	1,416	8	7.1	6.6 **	.09	5.7 ***	.27	6.1 ***	.20	
		1.5	1-2	214	19	1,015	20	1,659	24	3,869	21								
		4	3-5	352	30	1,465	30	2,132	31	5,874	32								
		8	6-10	297	26	1,038	22	1,343	20	3,949	21								
		13	11-15	137	12	512	11	624	9	1,775	9								
		18	16-20	50	4	204	5	212	3	698	4								
		23	More than 20	68	6	199	4	221	3	722	4								
		Total	1,164	100	4,753	100	6,932	100	18,303	100									

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NSSE 2023 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

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				WSU		Public RUVH -						WSU		Public RUVH -					
						WICHE		RUVH Land-grant		Public RUVH				WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Between 6 and 10 pages	wrmednum	0	None	370	32	1,729	35	3,277	46	7,349	41	2.5	2.3	.03	1.9 ***	.19	2.3	.05	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	443	38	1,778	37	2,205	32	5,971	32								
		4	3-5	221	19	785	17	914	14	2,905	16								
		8	6-10	89	7	291	7	338	5	1,246	7								
		13	11-15	29	2	105	2	119	2	529	3								
		18	16-20	5	0	31	1	35	0	114	1								
		23	More than 20	9	1	29	1	25	0	127	1								
		Total		1,166	100	4,748	100	6,913	100	18,241	100								
c. 11 pages or more	wrlongnum	0	None	845	73	3,605	75	5,672	81	13,894	76	1.0	1.0	.01	.8 **	.08	1.1	-.02	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	201	17	751	16	756	12	2,475	13								
		4	3-5	58	5	165	4	211	3	814	4								
		8	6-10	32	3	107	3	126	2	479	3								
		13	11-15	20	2	76	2	104	2	404	2								
		18	16-20	5	0	10	0	22	0	78	0								
		23	More than 20	4	0	29	1	23	0	114	1								
		Total		1,165	100	4,743	100	6,914	100	18,258	100								
Estimated number of assigned pages of student writing.	wrpages											56.3	53.5	.04	44.0 ***	.18	52.4	.05	
	(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																		
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of races or ethnicities other than your own	DDrace	1	Never	37	3	194	4	227	3	504	3	3.0	3.0 **	.09	3.1	-.05	3.1 **	-0.08	
		2	Sometimes	273	23	1,379	28	1,690	23	3,980	22								
		3	Often	443	39	1,645	35	2,481	35	6,385	34								
		4	Very often	408	35	1,529	33	2,514	39	7,364	40								
			Total	1,161	100	4,747	100	6,912	100	18,233	100								
b. People from economic backgrounds other than your own	DDeconomic	1	Never	41	4	170	4	201	3	484	3	3.0	3.0 *	.07	3.1	-.03	3.1	-.05	
		2	Sometimes	254	22	1,228	26	1,590	22	3,913	22								
		3	Often	473	41	1,902	40	2,746	39	7,041	38								
		4	Very often	390	33	1,434	31	2,358	35	6,746	37								
			Total	1,158	100	4,734	100	6,895	100	18,184	100								

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NSSE 2023 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

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				WSU		WICHE		RUVH Land-grant		Public RUVH				WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. People with religious beliefs other than your own	DDreligion	1	Never	61	5	242	5	283	4	748	5	2.9	2.9	.01	3.0 **	-.09	3.0 **	-	
		2	Sometimes	318	28	1,318	28	1,798	25	4,481	25								
		3	Often	420	36	1,764	37	2,497	35	6,420	34								
		4	Very often	360	31	1,408	30	2,324	35	6,522	36								
		Total	1,159	100	4,732	100	6,902	100	18,171	100									
d. People with political views other than your own	DDpolitical	1	Never	73	6	315	7	344	5	1,061	6	2.9	2.7 ***	.13	2.9 *	-.06	2.9	-.02	
		2	Sometimes	349	30	1,682	36	2,049	29	5,621	31								
		3	Often	421	36	1,571	32	2,392	34	5,949	32								
		4	Very often	312	28	1,168	25	2,111	31	5,539	31								
		Total	1,155	100	4,736	100	6,896	100	18,170	100									
e. People with sexual orientations other than your own	ddsexorient	1	Never	78	7	251	6	401	6	1,042	7	2.9	2.9 *	-.08	2.9	-.04	2.9 *	-.08	
		2	Sometimes	327	29	1,345	29	2,037	30	4,785	28								
		3	Often	412	35	1,625	33	2,228	31	6,072	32								
		4	Very often	341	29	1,519	33	2,227	32	6,274	34								
		Total	1,158	100	4,740	100	6,893	100	18,173	100									
f. People from countries other than your own	ddcountry	1	Never	97	8	477	9	666	9	1,204	7	2.6	2.6	.04	2.6	-.03	2.8 ***	-.18	
		2	Sometimes	477	41	2,143	44	2,946	40	6,555	36								
		3	Often	363	31	1,255	27	1,842	28	5,471	30								
		4	Very often	220	19	867	20	1,446	23	4,955	28								
		Total	1,157	100	4,742	100	6,900	100	18,185	100									
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	28	3	120	3	163	2	390	2	3.0	2.9 **	.09	2.9 *	.07	3.0	.02	
		2	Sometimes	255	22	1,253	26	1,860	27	4,366	25								
		3	Often	589	52	2,308	49	3,226	47	8,677	48								
		4	Very often	285	24	1,030	22	1,600	24	4,590	25								
		Total	1,157	100	4,711	100	6,849	100	18,023	100									
b. Reviewed your notes after class	LSnotes	1	Never	54	5	255	6	319	5	676	4	2.8	2.8 *	.07	2.9	-.05	2.9 **	-.09	
		2	Sometimes	375	33	1,505	34	2,045	31	5,124	30								
		3	Often	418	36	1,834	38	2,599	37	6,738	37								
		4	Very often	313	26	1,122	23	1,890	27	5,467	29								
		Total	1,160	100	4,716	100	6,853	100	18,005	100									

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NSSE 2023 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

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Statistical Comparisons^b

Your first-year students compared with

				WSU		Public RUVH - WICHE		RUVH Land-grant		Public RUVH		WSU		Public RUVH - WICHE		RUVH Land-grant		Public RUVH	
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	Mean	Effect size ^e
c. Summarized what you learned in class or from course materials	LSummary	1	Never	63	6	256	6	337	5	720	4	2.8	2.7	.04	2.8	-.03	2.9 ***	▽	
		2	Sometimes	363	32	1,557	34	2,178	32	5,086	29								
		3	Often	478	41	1,947	41	2,756	40	7,425	41								
		4	Very often	254	22	956	20	1,566	23	4,756	25								
		Total	1,158	100	4,716	100	6,837	100	17,987	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	6	1	28	1	46	1	140	1	5.2	5.3	-.01	5.4 **	-.10	5.3	-.05	
		2		17	2	58	1	79	1	245	2								
		3		57	5	204	5	283	4	1,001	5								
		4		155	13	645	14	865	13	2,336	13								
		5		431	38	1,740	37	2,446	36	6,457	36								
		6		303	26	1,264	26	1,858	27	4,395	25								
		7	Very much	183	15	737	15	1,229	19	3,326	19								
	Total	1,152	100	4,676	100	6,806	100	17,900	100										
11. Which of the following have you done while in college or do you plan to do before you graduate? ^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern (Means indicate the percentage who responded "Done or in progress.")	Have not decided	152	13	624	14	734	11	1,963	12	9%	8%	.03	9%	.00	8%	.05		
		Do not plan to do	71	7	291	7	310	5	996	6									
		Plan to do	826	71	3,390	71	5,154	75	13,524	75									
		Done or in progress	104	9	365	8	600	9	1,368	8									
		Total	1,153	100	4,670	100	6,798	100	17,851	100									
b. Hold a formal leadership role in a student organization or group	leader (Means indicate the percentage who responded "Done or in progress.")	Have not decided	323	28	1,395	30	1,746	25	4,454	25	12%	8% ***	.14	12%	.02	11%	.03		
		Do not plan to do	294	27	1,286	29	1,345	20	3,571	21									
		Plan to do	392	33	1,587	32	2,875	42	7,776	42									
		Done or in progress	142	12	397	8	816	12	2,012	11									
		Total	1,151	100	4,665	100	6,782	100	17,813	100									
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom (Means indicate the percentage who responded "Done or in progress.")	Have not decided	396	34	1,490	32	1,880	28	4,622	26	10%	14% ***	-.14	17% ***	-.22	18% ***	-.26		
		Do not plan to do	336	30	1,304	28	2,014	31	4,753	28									
		Plan to do	304	26	1,213	26	1,649	24	4,990	27									
		Done or in progress	112	10	635	14	1,227	17	3,402	18									
		Total	1,148	100	4,642	100	6,770	100	17,767	100									

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Participate in a study abroad program	abroad		Have not decided	317	27	1,320	29	2,005	30	4,786	27	3%	3%	.01	3%	-.01	4%	-.05
	(Means indicate the percentage who responded "Done or in progress.")		Do not plan to do	384	34	1,361	30	1,895	29	4,801	29							
			Plan to do	419	36	1,855	39	2,702	38	7,589	40							
			Done or in progress	31	3	111	3	167	3	595	4							
			Total	1,151	100	4,647	100	6,769	100	17,771	100							
e. Work with a faculty member on a research project	research		Have not decided	399	35	1,754	38	2,433	36	5,958	34	6%	5%	.06	7%	-.03	6%	.00
	(Means indicate the percentage who responded "Done or in progress.")		Do not plan to do	278	24	1,036	22	1,523	22	4,003	23							
			Plan to do	401	35	1,616	35	2,324	36	6,710	37							
			Done or in progress	70	6	232	5	486	7	1,088	6							
			Total	1,148	100	4,638	100	6,766	100	17,759	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone		Have not decided	315	28	1,570	35	2,318	35	5,744	33	2%	2% *	.06	2%	.01	3%	-.02
	(Means indicate the percentage who responded "Done or in progress.")		Do not plan to do	109	10	495	11	749	11	2,100	12							
			Plan to do	691	60	2,515	52	3,560	51	9,487	53							
			Done or in progress	27	2	68	2	144	2	427	3							
			Total	1,142	100	4,648	100	6,771	100	17,758	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?																		
	servcourse	1	None	536	47	2,508	54	3,697	56	8,536	50	1.6	1.5 ***	.14	1.5 ***	.17	1.6	.03
		2	Some	502	43	1,741	38	2,507	37	7,272	41							
		3	Most	90	8	318	7	406	6	1,417	8							
		4	All	17	2	52	1	112	2	372	2							
		Total		1,145	100	4,619	100	6,722	100	17,597	100							
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students	Q1student	1	Poor	16	1	63	2	80	1	225	2	5.3	5.3	-.06	5.5 ***	-.16	5.4 ***	-.14
		2		18	2	99	2	122	2	290	2							
		3		58	5	216	5	277	4	708	4							
		4		169	14	542	12	706	10	2,050	12							
		5		377	32	1,366	30	1,970	29	5,119	29							
		6		311	27	1,418	30	2,086	31	5,178	29							
		7	Excellent	187	17	899	19	1,448	22	3,981	23							
		—	Not applicable	10	1	25	1	43	1	114	1							
		Total		1,146	100	4,628	100	6,732	100	17,665	100							

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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							
				WSU		Public RUVH - WICHE		RUVH Land-grant		Public RUVH		WSU		Public RUVH - WICHE		RUVH Land-grant		Public RUVH	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Academic advisors	Qladvisor	1	Poor	18	1	100	3	135	2	378	2	5.5	5.3 *** △	.13	5.4	.03	5.4	.05	
		2		31	2	163	4	213	3	532	3								
		3		75	6	309	7	411	6	1,071	6								
		4		129	11	587	13	822	12	2,217	13								
		5		267	23	1,039	23	1,385	21	3,613	20								
		6		296	26	1,145	24	1,608	23	4,068	23								
		7	Excellent	326	29	1,226	25	2,078	31	5,528	31								
		—	Not applicable	4	0	47	1	77	2	237	2								
		Total		1,146	100	4,616	100	6,729	100	17,644	100								
c. Faculty	Qlfaculty	1	Poor	12	1	50	1	59	1	179	1	5.3	5.3	-.02	5.3	-.05	5.4 *	-0.07	▽
		2		22	2	94	2	117	2	313	2								
		3		70	6	225	5	317	5	817	5								
		4		171	15	613	13	983	14	2,504	14								
		5		351	30	1,390	30	1,953	29	5,105	29								
		6		328	29	1,387	30	1,953	28	5,063	28								
		7	Excellent	176	17	816	17	1,270	19	3,445	20								
		—	Not applicable	13	1	50	1	64	1	211	1								
		Total		1,143	100	4,625	100	6,716	100	17,637	100								
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	18	2	138	3	159	2	396	3	5.1	5.0	.03	5.2 ** ▽	-.09	5.2	-.06	
		2		46	4	149	4	196	3	502	3								
		3		79	7	321	7	408	6	1,077	6								
		4		168	15	629	14	978	14	2,614	15								
		5		311	27	1,103	24	1,554	23	4,262	24								
		6		251	22	1,035	22	1,578	23	4,083	22								
		7	Excellent	174	16	820	17	1,341	20	3,451	19								
		—	Not applicable	97	9	422	10	505	8	1,242	8								
		Total		1,144	100	4,617	100	6,719	100	17,627	100								

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

NSSE 2023 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				WSU		Public RUVH -								Public RUVH -					
						WICHE		RUVH Land-grant		Public RUVH		WSU		WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	25	2	149	3	163	3	435	3	4.9	4.9	.00	5.1 ***	-.12	5.1 **	-.09	
		2		50	4	186	4	197	3	558	3								
		3		106	9	332	7	454	7	1,165	7								
		4		196	17	700	16	1,019	15	2,804	15								
		5		269	23	1,119	24	1,538	22	4,161	23								
		6		242	21	961	20	1,480	21	3,653	20								
		7	Excellent	152	14	692	14	1,116	17	3,141	18								
		—	Not applicable	102	9	479	11	759	12	1,730	10								
		Total	1,142	100	4,618	100	6,726	100	17,647	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	17	1	87	2	90	2	276	2	3.0	3.0	.05	3.1 **	-.09	3.1	-.03	
		2	Some	222	19	994	22	1,251	19	3,557	21								
		3	Quite a bit	594	53	2,313	50	3,263	48	8,521	48								
		4	Very much	309	26	1,214	26	2,086	32	5,210	30								
		Total	1,142	100	4,608	100	6,690	100	17,564	100									
b. Providing support to help students succeed academically	SEacademic	1	Very little	40	4	191	5	200	3	594	4	2.9	2.8 **	.09	2.9 *	-.07	3.0 **	-.09	
		2	Some	299	26	1,282	28	1,564	24	4,037	23								
		3	Quite a bit	550	49	2,176	47	3,181	47	8,092	46								
		4	Very much	250	22	944	20	1,730	26	4,792	27								
		Total	1,139	100	4,593	100	6,675	100	17,515	100									
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	61	5	308	7	377	6	925	6	3.0	2.9 ***	.14	3.0	-.01	3.0	-.05	
		2	Some	235	21	1,081	24	1,368	21	3,428	20								
		3	Quite a bit	506	45	2,039	44	2,811	42	7,264	41								
		4	Very much	330	29	1,158	24	2,115	31	5,874	33								
		Total	1,132	100	4,586	100	6,671	100	17,491	100									
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	125	11	534	12	627	9	1,345	8	2.6	2.6	-.01	2.7 ***	-.14	2.8 ***	-.21	
		2	Some	376	33	1,491	32	2,077	31	4,987	29								
		3	Quite a bit	445	40	1,716	37	2,477	38	6,800	38								
		4	Very much	187	16	840	18	1,479	23	4,364	25								
		Total	1,133	100	4,581	100	6,660	100	17,496	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 2023 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				WSU		Public RUVH -							Public RUVH -					
						WICHE		RUVH Land-grant		Public RUVH		WSU	WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Providing opportunities to be involved socially	SEsocial	1	Very little	46	4	268	7	251	4	639	4	2.9	2.8 *** △	.11	3.0 *** ▽	-.16	3.0 *** ▽	-.16
		2	Some	315	28	1,263	29	1,471	22	3,761	22							
		3	Quite a bit	494	44	2,064	44	2,980	44	7,708	44							
		4	Very much	274	24	984	20	1,946	30	5,353	31							
		Total	1,129	100	4,579	100	6,648	100	17,461	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	63	5	342	8	405	6	951	6	2.8	2.7 * △	.07	2.9 *** ▽	-.11	2.9 *** ▽	-.12
		2	Some	331	29	1,328	30	1,657	24	4,407	25							
		3	Quite a bit	507	45	1,944	42	2,875	43	7,336	41							
		4	Very much	231	20	956	20	1,717	26	4,764	27							
		Total	1,132	100	4,570	100	6,654	100	17,458	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	276	24	1,240	28	1,564	24	3,545	22	2.2	2.1 *** △	.12	2.2	.00	2.3 ** ▽	-.09
		2	Some	435	38	1,811	39	2,672	40	6,632	38							
		3	Quite a bit	301	28	1,141	24	1,675	25	4,944	28							
		4	Very much	113	10	374	8	725	11	2,310	13							
		Total	1,125	100	4,566	100	6,636	100	17,431	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	86	8	307	8	303	5	878	6	2.8	2.8	.04	3.0 *** ▽	-.20	2.9 *** ▽	-.14
		2	Some	287	25	1,278	29	1,587	23	4,222	24							
		3	Quite a bit	509	46	1,992	42	2,917	43	7,516	42							
		4	Very much	247	21	986	21	1,835	29	4,797	28							
		Total	1,129	100	4,563	100	6,642	100	17,413	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	210	19	772	18	1,115	17	2,460	15	2.3	2.3	.01	2.4	-.05	2.5 *** ▽	-.14
		2	Some	449	39	1,869	41	2,715	41	6,615	38							
		3	Quite a bit	338	31	1,425	30	1,959	29	5,641	32							
		4	Very much	128	11	500	11	844	13	2,697	15							
		Total	1,125	100	4,566	100	6,633	100	17,413	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 2023 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				WSU		Public RUVH -								Public RUVH -						
						WICHE		RUVH Land-grant		Public RUVH				WICHE		RUVH Land-grant		Public RUVH		
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean		Effect size ^e	Mean		Effect size ^e	Mean		Effect size ^e
15. To what extent do you agree or disagree with the following statements?																				
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	19	2	98	2	113	2	264	2	3.1	3.1	.00	3.2 ***	-.12	3.2 ***	▽	-.12	
		2	Disagree	101	9	413	10	508	8	1,352	8									
		3	Agree	715	63	2,691	59	3,754	55	9,910	56									
		4	Strongly agree	297	27	1,358	29	2,248	35	5,893	34									
		Total	1,132	100	4,560	100	6,623	100	17,419	100										
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	44	4	241	6	280	5	609	4	2.9	2.8 **	.08	2.9	-.03	2.9 **	▽	-.09	
		2	Disagree	230	20	925	22	1,268	20	3,122	19									
		3	Agree	677	59	2,660	56	3,783	55	9,972	56									
		4	Strongly agree	179	16	729	16	1,282	20	3,693	21									
		Total	1,130	100	4,555	100	6,613	100	17,396	100										
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	40	4	221	6	234	4	511	4	2.9	2.9 **	.10	3.0 **	-.08	3.0 **	▽	-.08	
		2	Disagree	219	19	849	20	1,098	17	2,845	17									
		3	Agree	644	57	2,615	56	3,726	55	9,842	56									
		4	Strongly agree	225	20	876	18	1,561	25	4,205	24									
		Total	1,128	100	4,561	100	6,619	100	17,403	100										
16. About how many hours do you spend in a typical 7-day week doing the following?																				
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs (Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	3	0	16	0	26	0	70	0	15.2	16.0 **	-.09	16.4 ***	-.15	15.4	▽	-.02	
		3	1-5 hrs	109	10	374	8	534	8	1,677	10									
		8	6-10 hrs	246	22	896	20	1,254	19	3,629	21									
		13	11-15 hrs	255	23	1,049	24	1,490	22	4,040	23									
		18	16-20 hrs	229	20	962	21	1,462	23	3,704	21									
		23	21-25 hrs	139	12	620	14	896	14	2,215	13									
		28	26-30 hrs	81	7	347	7	496	8	1,004	6									
		33	More than 30 hrs	62	6	286	7	432	7	1,019	6									
		Total	1,124	100	4,550	100	6,590	100	17,358	100										

NSSE 2023 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				WSU		Public RUVH -						WSU		Public RUVH -					
						WICHE		RUVH Land-grant		Public RUVH				WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean		Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmccurrhrs	0	0 hrs	391	35	1,686	39	1,760	26	4,421	27	5.7	4.8 *** △	.14	5.8	-.02	5.9	-.04	
	(Recorded version of tmccurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	366	32	1,504	31	2,418	36	6,286	35								
		8	6-10 hrs	152	13	647	14	1,242	20	3,163	18								
		13	11-15 hrs	111	10	357	8	625	9	1,780	10								
		18	16-20 hrs	55	5	196	4	308	5	907	5								
		23	21-25 hrs	25	2	79	2	134	2	447	3								
		28	26-30 hrs	11	1	36	1	54	1	160	1								
		33	More than 30 hrs	17	2	34	1	52	1	169	1								
		Total		1,128	100	4,539	100	6,593	100	17,333	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	876	78	3,580	79	5,001	77	13,637	80	2.6	2.7	-.01	2.8	-.04	2.6	.00	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	36	3	120	2	208	3	515	3								
		8	6-10 hrs	74	6	299	6	524	8	1,016	5								
		13	11-15 hrs	87	8	305	7	472	7	1,075	6								
		18	16-20 hrs	34	3	165	4	280	4	679	4								
		23	21-25 hrs	15	1	49	1	70	1	288	2								
		28	26-30 hrs	1	0	14	0	18	0	59	0								
		33	More than 30 hrs	4	0	25	1	26	0	65	0								
		Total		1,127	100	4,557	100	6,599	100	17,334	100								
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	858	75	3,061	66	4,870	76	12,531	72	3.9	5.4 *** ▽	-.17	3.5	.04	4.4 *	-.06	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	37	3	244	5	295	4	796	4								
		8	6-10 hrs	47	4	275	6	359	5	838	5								
		13	11-15 hrs	58	5	269	6	340	5	1,044	6								
		18	16-20 hrs	59	5	294	6	355	5	921	5								
		23	21-25 hrs	32	3	184	4	177	3	623	4								
		28	26-30 hrs	12	1	115	3	99	1	283	2								
		33	More than 30 hrs	28	3	114	3	101	2	303	2								
		Total		1,131	100	4,556	100	6,596	100	17,339	100								
Estimated number of hours working for pay	tmworkhrs										6.4	8.0 *** ▽	-.15	6.3	.01	6.9	-.05		
	(Continuous variable created by NSSE)																		

*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 2023 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

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Statistical Comparisons^b

Your first-year students compared with

				WSU		Public RUVH -							Public RUVH -					
						WICHE		RUVH Land-grant		Public RUVH		WSU	WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	711	63	3,094	68	4,205	64	10,758	62	2.2	1.9	.06	2.0	.03	2.4	-.04
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	287	25	1,060	22	1,789	27	4,559	27							
		8	6-10 hrs	65	6	194	4	310	5	867	5							
		13	11-15 hrs	39	4	98	3	126	2	580	3							
		18	16-20 hrs	12	1	56	1	77	1	248	2							
		23	21-25 hrs	8	1	32	1	52	1	216	1							
		28	26-30 hrs	2	0	7	0	12	0	40	0							
		33	More than 30 hrs	2	0	9	0	18	0	60	0							
		Total			1,126	100	4,550	100	6,589	100	17,328							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	17	1	52	1	89	1	266	2	12.9	13.1	-.03	13.1	-.02	13.0	-.01
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	196	17	730	16	1,072	16	2,880	17							
		8	6-10 hrs	329	28	1,225	27	1,813	27	4,581	26							
		13	11-15 hrs	247	23	1,065	24	1,518	23	4,086	23							
		18	16-20 hrs	164	15	740	16	1,083	17	2,734	16							
		23	21-25 hrs	69	6	322	7	470	7	1,239	7							
		28	26-30 hrs	36	3	169	4	213	3	534	3							
		33	More than 30 hrs	72	7	241	6	329	6	991	6							
		Total			1,130	100	4,544	100	6,587	100	17,311							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	919	81	3,828	83	5,725	87	14,286	82	1.9	1.6	.06	1.3 *** △	.12	1.8	.01
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	100	9	330	8	389	6	1,227	7							
		8	6-10 hrs	40	3	157	3	162	2	566	3							
		13	11-15 hrs	30	3	107	3	128	2	523	3							
		18	16-20 hrs	14	1	49	1	70	1	286	2							
		23	21-25 hrs	6	1	33	1	48	1	225	1							
		28	26-30 hrs	4	0	7	0	18	0	45	0							
		33	More than 30 hrs	16	2	28	1	35	1	122	1							
		Total			1,129	100	4,539	100	6,575	100	17,280							

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	299	27	1,316	27	2,163	34	7,012	37	4.5	4.3	.04	3.9 ***	.12	4.2	.05	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	553	48	2,204	48	3,060	45	6,381	38								
	8	6-10 hrs	158	14	619	15	838	13	2,077	13									
	13	11-15 hrs	59	6	221	6	267	4	928	6									
	18	16-20 hrs	33	3	104	2	119	2	446	3									
	23	21-25 hrs	10	1	43	1	73	1	255	1									
	28	26-30 hrs	4	0	16	0	23	0	83	1									
	33	More than 30 hrs	14	1	28	1	47	1	147	1									
	Total		1,130	100	4,551	100	6,590	100	17,329	100									
17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																			
	reading	1	Very little	165	16	651	13	1,323	21	3,241	20	2.5	2.6 ***	-.11	2.4 ***	.15	2.4 **	.09	
		2	Some	443	40	1,705	37	2,667	41	6,735	39								
		3	About half	310	27	1,250	28	1,549	23	4,411	25								
		4	Most	152	13	690	15	756	11	2,135	12								
		5	Almost all	59	5	253	6	275	4	735	4								
		Total		1,129	100	4,549	100	6,570	100	17,257	100								
	tmreadinghrs	(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)										6.1	6.7 **	-.10	6.0	.03	5.8 *	.06	
	tmreadinghrscol	1	0 hrs	3	0	16	0	26	0	68	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	581	53	2,247	49	3,697	56	9,788	58								
		3	More than 5, up to 10 hrs	342	30	1,433	31	1,795	27	4,760	27								
		4	More than 10, up to 15 hrs	96	8	452	10	550	8	1,427	8								
		5	More than 15, up to 20 hrs	58	5	201	5	271	4	662	4								
		6	More than 20, up to 25 hrs	30	3	137	3	146	2	345	2								
		7	More than 25 hrs	10	1	43	1	54	1	146	1								
		Total		1,120	100	4,529	100	6,539	100	17,196	100								

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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	Mean	Effect size ^e
18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																			
a. Writing clearly and effectively	pgwrite	1	Very little	77	7	440	10	703	12	1,422	9	2.8	2.6 ***	.16	2.6 ***	.20	2.7	.05	
		2	Some	311	28	1,471	32	2,149	33	5,008	29								
		3	Quite a bit	524	46	1,865	41	2,592	38	7,305	42								
		4	Very much	216	20	764	17	1,132	17	3,543	20								
		Total	1,128	100	4,540	100	6,576	100	17,278	100									
b. Speaking clearly and effectively	pgspeak	1	Very little	156	14	696	17	1,011	16	1,985	12	2.5	2.5 **	.09	2.5	.05	2.6 **	-.09	
		2	Some	372	33	1,573	35	2,206	34	5,435	32								
		3	Quite a bit	428	38	1,565	34	2,283	34	6,472	37								
		4	Very much	171	15	698	15	1,066	16	3,348	19								
		Total	1,127	100	4,532	100	6,566	100	17,240	100									
c. Thinking critically and analytically	pgthink	1	Very little	25	3	166	4	201	3	434	3	3.1	3.0 *	.08	3.1	.04	3.1	-.01	
		2	Some	205	18	863	19	1,290	20	3,350	19								
		3	Quite a bit	543	47	2,165	47	3,027	45	7,762	44								
		4	Very much	354	32	1,344	29	2,049	32	5,698	34								
		Total	1,127	100	4,538	100	6,567	100	17,244	100									
d. Analyzing numerical and statistical information	pganalyze	1	Very little	99	8	526	12	638	9	1,544	9	2.8	2.7 ***	.13	2.8	.05	2.8	.00	
		2	Some	305	26	1,294	29	1,908	28	4,701	27								
		3	Quite a bit	462	41	1,742	38	2,512	38	6,701	39								
		4	Very much	260	24	963	21	1,510	24	4,291	26								
		Total	1,126	100	4,525	100	6,568	100	17,237	100									
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	135	12	704	17	824	14	2,062	13	2.6	2.5 ***	.17	2.6	.02	2.6	-.03	
		2	Some	367	32	1,639	36	2,132	32	5,370	31								
		3	Quite a bit	424	38	1,492	32	2,330	34	6,192	35								
		4	Very much	198	18	702	15	1,291	20	3,624	21								
		Total	1,124	100	4,537	100	6,577	100	17,248	100									
f. Working effectively with others	pgothers	1	Very little	59	5	387	10	450	7	967	6	2.8	2.7 ***	.12	2.8	-.01	2.8 *	-.07	
		2	Some	354	32	1,418	31	1,899	29	4,573	28								
		3	Quite a bit	476	42	1,853	40	2,685	40	7,335	41								
		4	Very much	236	21	878	19	1,536	23	4,361	25								
		Total	1,125	100	4,536	100	6,570	100	17,236	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 2023 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				WSU		Public RUVH -								Public RUVH -					
						WICHE		RUVH Land-grant		Public RUVH		WSU		WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	125	12	619	16	776	13	1,736	11	2.6	2.5 ** △	.09	2.6	.00	2.7 *	-08	
		2	Some	349	32	1,454	32	2,047	31	5,026	29								
		3	Quite a bit	449	39	1,680	36	2,457	37	6,686	38								
		4	Very much	201	18	777	17	1,275	19	3,781	22								
		Total	1,124	100	4,530	100	6,555	100	17,229	100									
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	98	10	449	10	577	10	1,169	7	2.7	2.7	.03	2.7	-.03	2.8 *** ▽	-14	
		2	Some	333	30	1,387	30	1,901	29	4,545	27								
		3	Quite a bit	459	40	1,770	39	2,562	39	6,900	39								
		4	Very much	233	21	930	21	1,518	23	4,623	26								
		Total	1,123	100	4,536	100	6,558	100	17,237	100									
i. Solving complex real- world problems	pgprobsolve	1	Very little	101	9	494	12	656	11	1,571	10	2.7	2.6 ** △	.09	2.6	.03	2.7	-.04	
		2	Some	373	33	1,535	34	2,187	33	5,321	31								
		3	Quite a bit	452	40	1,737	38	2,415	36	6,553	37								
		4	Very much	203	18	771	17	1,317	20	3,816	22								
		Total	1,129	100	4,537	100	6,575	100	17,261	100									
j. Being an informed and active citizen	pgcitizen	1	Very little	141	13	592	14	817	14	1,769	11	2.6	2.5	.05	2.6	-.01	2.7 ** ▽	-10	
		2	Some	380	34	1,662	36	2,262	34	5,559	33								
		3	Quite a bit	429	37	1,564	34	2,250	34	6,296	36								
		4	Very much	178	16	720	16	1,235	19	3,681	21								
		Total	1,128	100	4,538	100	6,564	100	17,305	100									
19. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	18	2	99	3	124	2	331	2	3.0	3.0	.03	3.1 *** ▽	-11	3.1 ** ▽	-08	
		2	Fair	197	17	739	18	932	15	2,613	16								
		3	Good	645	57	2,530	54	3,534	52	9,368	52								
		4	Excellent	268	24	1,161	25	2,001	31	5,084	30								
		Total		1,128	100	4,529	100	6,591	100	17,396	100								
20. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	32	3	135	3	162	3	471	3	3.1	3.1	-.02	3.3 *** ▽	-19	3.2 *** ▽	-11	
		2	Probably no	165	15	552	13	718	11	2,120	12								
		3	Probably yes	570	50	2,280	50	3,041	45	8,155	46								
		4	Definitely yes	368	32	1,579	33	2,702	42	6,728	39								
		Total		1,135	100	4,546	100	6,623	100	17,474	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 2023 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				WSU		Public RUVH - WICHE				RUVH Land-grant		Public RUVH		WSU		Public RUVH - WICHE				RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
21. Do you intend to return to this institution next year? ^f																							
	returnexp	No		58	5	192	4	173	3	546	3	89%	89%	.00	93% ***	-.15	91% **	-.08					
(Means indicate the percentage who responded "Yes.")	Yes		1,016	89	4,074	89	6,143	93	15,973	91													
	Not sure		65	6	281	7	300	4	946	6													
	Total		1,139	100	4,547	100	6,616	100	17,465	100													

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NSSE 2023 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				WSU		Public RUVH -								Public RUVH -					
				WSU		WICHE		RUVH Land-grant		Public RUVH		WSU		WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	60	3	187	4	344	4	900	4	3.0	2.9 *** △	.10	2.9 *** △	.14	2.9 *** △	.09	
		2	Sometimes	570	27	1,711	32	3,037	34	8,224	32								
		3	Often	774	36	1,785	33	3,063	32	8,646	32								
		4	Very often	724	34	1,655	32	2,865	31	8,782	32								
		Total	2,128	100	5,338	100	9,309	100	26,552	100									
b. Asked another student to help you understand course material	CLaskhelp	1	Never	227	12	677	14	992	12	3,116	12	2.6	2.5 *** △	.12	2.6 ** △	.06	2.5 *** △	.08	
		2	Sometimes	775	37	2,161	41	3,662	40	10,612	40								
		3	Often	641	30	1,497	27	2,745	29	7,627	28								
		4	Very often	477	22	977	18	1,868	19	5,125	19								
		Total	2,120	100	5,312	100	9,267	100	26,480	100									
c. Explained course material to one or more students	CLexplain	1	Never	139	7	344	7	512	6	1,622	6	2.7	2.7	.03	2.7	-.02	2.7	-.01	
		2	Sometimes	727	35	1,971	38	3,336	37	9,695	37								
		3	Often	782	36	1,902	35	3,321	35	9,245	35								
		4	Very often	470	22	1,090	20	2,089	22	5,848	22								
		Total	2,118	100	5,307	100	9,258	100	26,410	100									
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	401	21	1,100	22	1,713	20	4,941	20	2.5	2.4 *** △	.09	2.4 * △	.05	2.4	.01	
		2	Sometimes	682	32	1,955	37	3,286	36	9,271	36								
		3	Often	615	29	1,307	24	2,468	25	7,060	26								
		4	Very often	409	19	921	17	1,731	18	4,988	19								
		Total	2,107	100	5,283	100	9,198	100	26,260	100									
e. Worked with other students on course projects or assignments	CLproject	1	Never	104	5	314	6	503	6	1,621	6	3.0	2.9 *** △	.14	2.9 ** △	.07	2.9 *** △	.10	
		2	Sometimes	498	25	1,547	30	2,456	27	7,219	28								
		3	Often	761	36	1,855	35	3,313	36	9,294	35								
		4	Very often	740	34	1,551	29	2,893	31	8,021	30								
		Total	2,103	100	5,267	100	9,165	100	26,155	100									
f. Given a course presentation	present	1	Never	215	11	722	14	1,142	13	2,956	12	2.6	2.5 *** △	.17	2.5 *** △	.12	2.6 ** △	.07	
		2	Sometimes	728	35	2,109	40	3,679	41	9,883	38								
		3	Often	673	32	1,510	29	2,609	28	7,801	29								
		4	Very often	484	22	916	17	1,718	19	5,497	20								
		Total	2,100	100	5,257	100	9,148	100	26,137	100									

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NSSE 2023 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				WSU		Public RUVH -								Public RUVH -					
						WICHE		RUVH Land-grant		Public RUVH		WSU		WICHE		RUVH Land-grant		Public RUVH	
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	
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIIntegrate	1	Never	35	2	169	4	314	4	910	4	3.1	2.9 *** △	.16	3.0 *** △	.15	3.0 *** △	.15	
		2	Sometimes	439	22	1,382	27	2,334	26	6,732	27								
		3	Often	898	43	2,138	41	3,734	41	10,378	39								
		4	Very often	719	34	1,517	29	2,663	29	7,837	30								
		Total	2,091	100	5,206	100	9,045	100	25,857	100									
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	130	7	432	9	722	9	1,898	9	2.9	2.8 *** △	.12	2.7 *** △	.16	2.8 *** △	.13	
		2	Sometimes	550	27	1,617	31	3,038	34	8,159	33								
		3	Often	799	38	1,820	35	3,115	34	9,006	34								
		4	Very often	606	28	1,312	25	2,119	24	6,633	25								
		Total	2,085	100	5,181	100	8,994	100	25,696	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	253	13	670	14	1,198	15	3,264	15	2.7	2.6 * △	.06	2.6 *** △	.12	2.6 *** △	.07	
		2	Sometimes	611	30	1,754	34	3,209	35	8,189	33								
		3	Often	674	33	1,551	30	2,639	29	7,948	30								
		4	Very often	532	24	1,180	23	1,882	21	6,128	23								
		Total	2,070	100	5,155	100	8,928	100	25,529	100									
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	56	3	306	6	475	6	1,281	6	3.0	2.8 *** △	.20	2.8 *** △	.20	2.8 *** △	.15	
		2	Sometimes	510	25	1,559	30	2,750	31	7,336	29								
		3	Often	955	46	2,160	42	3,743	42	10,771	42								
		4	Very often	550	26	1,095	21	1,884	21	5,905	23								
		Total	2,071	100	5,120	100	8,852	100	25,293	100									
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	46	3	222	5	325	4	838	4	3.0	2.9 *** △	.16	2.9 *** △	.13	3.0 *** △	.10	
		2	Sometimes	439	22	1,312	26	2,231	26	5,986	25								
		3	Often	917	45	2,239	44	3,869	44	11,077	44								
		4	Very often	642	31	1,293	26	2,281	27	7,029	28								
		Total	2,044	100	5,066	100	8,706	100	24,930	100									
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	34	2	140	3	204	3	536	3	3.1	3.0 *** △	.13	2.9 *** △	.17	3.0 *** △	.13	
		2	Sometimes	405	20	1,239	25	2,294	27	6,163	26								
		3	Often	938	46	2,226	44	3,816	44	10,904	44								
		4	Very often	649	32	1,404	28	2,257	26	6,991	28								
		Total	2,026	100	5,009	100	8,571	100	24,594	100									

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NSSE 2023 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				WSU		Public RUVH -								Public RUVH -					
				WSU		WICHE		RUVH Land-grant		Public RUVH		WSU		WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	13	1	68	2	91	1	249	1	3.3	3.2 **	.08	3.2 ***	.09	3.2 ***	.07	
		2	Sometimes	259	13	739	15	1,278	16	3,716	16								
		3	Often	918	46	2,295	46	3,972	46	11,114	46								
		4	Very often	829	40	1,869	38	3,115	37	9,246	38								
		Total	2,019	100	4,971	100	8,456	100	24,325	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	279	14	1,005	21	1,461	19	4,058	18	2.5	2.3 ***	.23	2.4 ***	.15	2.4 ***	.10	
		2	Sometimes	812	40	2,137	43	3,506	42	9,802	41								
		3	Often	523	25	1,097	21	1,943	22	5,800	23								
		4	Very often	409	20	717	14	1,532	17	4,631	18								
		Total	2,023	100	4,956	100	8,442	100	24,291	100									
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	781	40	2,153	45	3,215	41	9,256	40	2.0	1.9 ***	.14	2.0	.05	2.0	.03	
		2	Sometimes	597	30	1,553	31	2,708	31	7,646	31								
		3	Often	358	17	770	15	1,447	16	4,209	17								
		4	Very often	282	13	479	10	1,035	12	3,053	12								
		Total	2,018	100	4,955	100	8,405	100	24,164	100									
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	511	26	1,380	28	2,180	27	6,191	27	2.2	2.1 ***	.10	2.1	.05	2.2	.02	
		2	Sometimes	815	40	2,132	43	3,493	42	9,858	40								
		3	Often	436	22	955	20	1,741	20	5,022	20								
		4	Very often	248	12	457	9	933	11	2,911	12								
		Total	2,010	100	4,924	100	8,347	100	23,982	100									
d. Discussed your academic performance with a faculty member	SFperform	1	Never	395	20	1,396	29	2,365	31	6,176	27	2.2	2.1 ***	.19	2.1 ***	.18	2.1 ***	.10	
		2	Sometimes	950	47	2,198	44	3,554	42	10,309	42								
		3	Often	455	22	919	19	1,606	18	4,858	20								
		4	Very often	214	10	402	8	807	9	2,640	11								
		Total	2,014	100	4,915	100	8,332	100	23,983	100									
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	109	5	429	9	590	8	1,717	7	2.9	2.7 ***	.17	2.8 ***	.09	2.8 **	.06	
		2	Some	547	28	1,532	32	2,441	30	7,012	29								
		3	Quite a bit	862	43	1,945	39	3,277	39	9,286	39								
		4	Very much	495	24	990	20	1,963	24	5,803	24								
		Total	2,013	100	4,896	100	8,271	100	23,818	100									

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NSSE 2023 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				WSU		Public RUVH -								Public RUVH -					
				WSU		WICHE		RUVH Land-grant		Public RUVH				WICHE		RUVH Land-grant		Public RUVH	
<i>Item wording or description</i>	<i>Variable name^c</i>	<i>Values^d</i>	<i>Response options</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Mean</i>	<i>Mean</i>	<i>Effect size^e</i>	<i>Mean</i>	<i>Effect size^e</i>	<i>Mean</i>	<i>Effect size^e</i>	
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	29	1	149	3	236	3	649	3	3.1	3.1 ***	.09	3.1 *	.05	3.1 *	.06	
		2	Some	354	18	964	20	1,607	19	4,557	19								
		3	Quite a bit	926	46	2,195	45	3,713	45	10,554	44								
		4	Very much	692	34	1,571	32	2,675	33	7,918	34								
		Total	2,001	100	4,879	100	8,231	100	23,678	100									
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	48	3	162	4	289	4	751	3	3.1	3.0 ***	.11	3.0 ***	.09	3.0 **	.06	
		2	Some	365	18	1,096	22	1,842	22	4,931	21								
		3	Quite a bit	917	46	2,135	44	3,546	43	10,152	43								
		4	Very much	661	33	1,449	30	2,477	31	7,675	33								
		Total	1,991	100	4,842	100	8,154	100	23,509	100									
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	80	4	344	7	583	8	1,376	7	3.0	2.8 ***	.16	2.8 ***	.18	2.9 ***	.09	
		2	Some	464	24	1,292	26	2,232	27	5,788	25								
		3	Quite a bit	834	42	1,969	41	3,235	39	9,488	40								
		4	Very much	612	30	1,223	25	2,054	26	6,743	28								
		Total	1,990	100	4,828	100	8,104	100	23,395	100									
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	54	3	217	5	377	5	913	4	3.1	2.9 ***	.15	2.9 ***	.19	3.0 ***	.11	
		2	Some	387	20	1,155	24	2,038	25	5,322	23								
		3	Quite a bit	897	45	2,164	45	3,554	43	10,145	43								
		4	Very much	643	32	1,266	27	2,099	26	6,877	29								
		Total	1,981	100	4,802	100	8,068	100	23,257	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	34	2	112	2	185	2	420	2	3.1	3.1 ***	.09	3.1	.01	3.1	-.03	
		2	Some	375	19	977	21	1,479	18	4,123	18								
		3	Quite a bit	892	45	2,249	47	3,765	47	10,357	44								
		4	Very much	675	34	1,446	30	2,580	33	8,213	36								
		Total	1,976	100	4,784	100	8,009	100	23,113	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	49	3	190	4	303	4	805	4	3.1	3.0 ***	.12	3.0	.04	3.0	.04	
		2	Some	386	20	1,043	22	1,586	19	4,575	20								
		3	Quite a bit	910	45	2,232	46	3,782	47	10,350	44								
		4	Very much	631	32	1,313	28	2,314	30	7,311	32								
		Total	1,976	100	4,778	100	7,985	100	23,041	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 2023 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				WSU		Public RUVH -								Public RUVH -					
						WICHE		RUVH Land-grant		Public RUVH		WSU		WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	63	3	145	3	205	3	651	3	3.1	3.1	.04	3.1	-.04	3.1	-.02	
		2	Some	380	19	981	21	1,478	18	4,451	19								
		3	Quite a bit	849	43	2,073	43	3,534	44	9,620	41								
		4	Very much	682	35	1,566	33	2,759	36	8,261	36								
		Total	1,974	100	4,765	100	7,976	100	22,983	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	142	7	505	11	833	11	2,170	10	2.9	2.7 *** ▲	.22	2.7 *** ▲	.16	2.8 *** ▲	.10	
		2	Some	519	26	1,581	33	2,446	30	6,645	29								
		3	Quite a bit	755	38	1,640	34	2,783	34	7,905	34								
		4	Very much	550	28	1,041	22	1,895	24	6,224	27								
		Total	1,966	100	4,767	100	7,957	100	22,944	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	119	6	410	9	686	9	1,806	8	2.8	2.7 *** ▲	.19	2.7 *** ▲	.16	2.8 *** ▲	.09	
		2	Some	558	28	1,608	34	2,578	33	7,055	31								
		3	Quite a bit	807	41	1,813	38	3,016	38	8,507	37								
		4	Very much	473	25	918	19	1,633	21	5,470	24								
		Total	1,957	100	4,749	100	7,913	100	22,838	100									
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	57	3	185	4	312	4	708	3	3.1	2.9 *** ▲	.15	3.0 *** ▲	.11	3.0 * ▲	.05	
		2	Some	392	20	1,150	24	1,852	23	5,104	22								
		3	Quite a bit	879	45	2,177	46	3,504	44	9,744	42								
		4	Very much	627	33	1,217	26	2,206	29	7,172	32								
		Total	1,955	100	4,729	100	7,874	100	22,728	100									
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	39	2	144	3	225	3	613	3	3.1	3.0 *** ▲	.15	3.0 *** ▲	.10	3.1 * ▲	.05	
		2	Some	381	19	1,095	23	1,747	22	4,697	21								
		3	Quite a bit	900	46	2,229	47	3,625	46	10,206	44								
		4	Very much	630	33	1,256	27	2,252	29	7,156	32								
		Total	1,950	100	4,724	100	7,849	100	22,672	100									
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	140	7	385	8	637	8	1,592	7	2.7	2.7 *** ▲	.10	2.7	.04	2.7	.01	
		2	Some	623	32	1,660	35	2,576	33	7,354	32								
		3	Quite a bit	783	40	1,873	39	3,182	40	8,939	39								
		4	Very much	397	21	798	17	1,464	19	4,745	21								
		Total	1,943	100	4,716	100	7,859	100	22,630	100									

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NSSE 2023 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	42	2	118	3	201	3	602	3	3.2	3.1 ***	.10	3.1 ***	.08	3.1 ***	.09	
		2	Some	268	14	844	18	1,350	17	4,017	18								
		3	Quite a bit	890	46	2,143	45	3,567	45	9,888	43								
		4	Very much	746	38	1,611	34	2,720	35	8,091	36								
		Total	1,946	100	4,716	100	7,838	100	22,598	100									
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	122	6	445	10	697	9	2,113	9	2.8	2.7 ***	.13	2.7 ***	.13	2.7 ***	.13	
		2	Sometimes	557	28	1,514	32	2,623	33	7,298	32								
		3	Often	803	42	1,673	36	2,792	36	8,117	37								
		4	Very often	457	24	1,043	23	1,623	22	4,759	22								
		Total	1,939	100	4,675	100	7,735	100	22,287	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	245	13	745	16	1,241	16	3,534	16	2.6	2.5 ***	.09	2.5 ***	.09	2.5 ***	.09	
		2	Sometimes	657	33	1,618	34	2,742	35	7,769	34								
		3	Often	642	33	1,448	31	2,367	31	6,807	30								
		4	Very often	392	20	846	19	1,349	19	4,088	19								
		Total	1,936	100	4,657	100	7,699	100	22,198	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	200	10	566	13	992	13	3,002	14	2.6	2.6 **	.07	2.6 **	.07	2.5 ***	.09	
		2	Sometimes	684	35	1,717	36	2,837	36	7,981	35								
		3	Often	687	36	1,554	33	2,584	34	7,338	33								
		4	Very often	358	19	803	18	1,261	17	3,764	17								
		Total	1,929	100	4,640	100	7,674	100	22,085	100									
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages (Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	wrshortnum	0	None	92	5	339	8	676	9	1,769	9	8.0	7.2 ***	.12	6.9 ***	.16	6.9 ***	.16	
		1.5	1-2	313	16	908	19	1,674	21	4,608	21								
		4	3-5	551	28	1,348	29	2,191	28	6,245	28								
		8	6-10	453	24	989	22	1,472	20	4,492	20								
		13	11-15	235	12	489	11	739	10	2,264	10								
		18	16-20	120	6	231	5	373	5	1,130	5								
		23	More than 20	165	9	332	7	529	7	1,538	7								
		Total	1,929	100	4,636	100	7,654	100	22,046	100									

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Washington State University

Seniors

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
b. Between 6 and 10 pages	wrmednum	0	None	425	22	1,313	28	2,497	33	6,695	31	3.8	3.2 ***	.14	2.9 ***	.21	3.1 ***	.15			
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	646	34	1,588	34	2,533	33	7,234	32										
		4	3-5	449	23	1,009	22	1,519	20	4,494	20										
		8	6-10	241	12	407	9	635	9	2,065	9										
		13	11-15	96	5	179	4	246	3	845	4										
		18	16-20	37	2	72	2	87	1	271	1										
		23	More than 20	29	1	57	1	102	1	365	2										
	Total			1,923	100	4,625	100	7,619	100	21,969	100										
c. 11 pages or more	wrlongnum	0	None	922	48	2,428	53	4,309	56	11,718	54	2.1	1.8 ***	.10	1.7 ***	.13	1.9 **	.06			
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	599	31	1,450	31	2,184	29	6,503	29										
		4	3-5	210	11	409	9	624	8	1,996	9										
		8	6-10	105	6	167	4	248	3	819	4										
		13	11-15	51	3	95	2	141	2	533	2										
		18	16-20	20	1	43	1	55	1	161	1										
		23	More than 20	22	1	41	1	79	1	291	1										
	Total			1,929	100	4,633	100	7,640	100	22,021	100										
Estimated number of assigned pages of student writing.	wrpages										86.2	73.7 ***	.13	68.3 ***	.20	73.7 ***	.13				
(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																					
8. During the current school year, about how often have you had discussions with people from the following groups?																					
a. People of races or ethnicities other than your own	DDrace	1	Never	62	3	244	5	283	4	782	4	3.1	2.9 ***	.22	3.1 ***	.08	3.1	.00			
		2	Sometimes	415	22	1,424	30	2,065	26	4,816	22										
		3	Often	633	33	1,448	31	2,518	32	7,250	33										
		4	Very often	812	41	1,513	33	2,771	38	9,128	42										
	Total			1,922	100	4,629	100	7,637	100	21,976	100										
b. People from economic backgrounds other than your own	DDeconomic	1	Never	53	3	201	5	254	3	727	4	3.1	2.9 ***	.23	3.1 **	.07	3.1	.02			
		2	Sometimes	382	21	1,346	28	1,840	23	4,637	21										
		3	Often	717	37	1,727	37	2,927	38	8,141	37										
		4	Very often	765	39	1,345	29	2,595	35	8,430	38										
	Total			1,917	100	4,619	100	7,616	100	21,935	100										

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				WSU		WICHE		RUVH Land-grant		Public RUVH		WSU		WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. People with religious beliefs other than your own	DDreligion	1	Never	89	5	267	6	379	5	1,107	6	3.0	2.9 *** Δ	.12	3.0	.01	3.0	-.01	
		2	Sometimes	493	26	1,381	30	2,136	28	5,583	25								
		3	Often	656	34	1,607	34	2,585	33	7,285	33								
		4	Very often	682	35	1,360	30	2,514	34	7,937	36								
		Total	1,920	100	4,615	100	7,614	100	21,912	100									
d. People with political views other than your own	DDpolitical	1	Never	98	5	324	7	411	6	1,414	7	2.9	2.7 *** Δ	.20	2.9	.04	2.9 *	.05	
		2	Sometimes	561	30	1,684	37	2,301	31	6,813	31								
		3	Often	629	33	1,440	30	2,559	33	6,797	31								
		4	Very often	633	32	1,169	25	2,338	31	6,886	32								
		Total	1,921	100	4,617	100	7,609	100	21,910	100									
e. People with sexual orientations other than your own	ddsexorient	1	Never	112	6	291	7	572	8	1,475	8	2.9	2.8 *** Δ	.09	2.8 ***	.09	2.9	.02	
		2	Sometimes	532	28	1,449	32	2,399	32	5,886	28								
		3	Often	626	32	1,492	32	2,293	30	6,912	31								
		4	Very often	651	33	1,380	29	2,347	31	7,628	34								
		Total	1,921	100	4,612	100	7,611	100	21,901	100									
f. People from countries other than your own	ddcountry	1	Never	128	7	374	8	627	8	1,584	7	2.8	2.6 *** Δ	.16	2.7 **	.07	2.8	-.04	
		2	Sometimes	720	37	2,039	43	3,181	39	7,929	35								
		3	Often	537	28	1,244	27	2,056	28	6,231	29								
		4	Very often	533	28	957	22	1,753	25	6,181	29								
		Total	1,918	100	4,614	100	7,617	100	21,925	100									
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	58	3	205	5	306	4	729	4	3.1	2.9 *** Δ	.14	3.0 ***	.13	3.0 **	.06	
		2	Sometimes	380	20	1,148	24	1,879	24	4,865	23								
		3	Often	847	44	1,973	43	3,200	42	9,228	42								
		4	Very often	630	33	1,274	28	2,189	29	6,954	31								
		Total	1,915	100	4,600	100	7,574	100	21,776	100									
b. Reviewed your notes after class	LSnotes	1	Never	100	5	413	9	570	8	1,415	7	2.9	2.7 *** Δ	.22	2.8 ***	.15	2.9 ***	.08	
		2	Sometimes	525	27	1,543	34	2,374	32	6,437	30								
		3	Often	689	36	1,491	32	2,510	33	7,403	34								
		4	Very often	600	31	1,147	25	2,117	27	6,513	29								
		Total	1,914	100	4,594	100	7,571	100	21,768	100									

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						WICHE		RUVH Land-grant		Public RUVH				WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean		Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Summarized what you learned in class or from course materials	LSummary	1	Never	92	5	349	8	556	8	1,169	6	2.9	2.7 *** △	.20	2.8 *** △	.13	2.9	.03	
		2	Sometimes	508	27	1,525	33	2,275	30	6,086	28								
		3	Often	791	42	1,706	37	2,859	38	8,404	39								
		4	Very often	522	27	1,012	22	1,883	25	6,101	28								
		Total	1,913	100	4,592	100	7,573	100	21,760	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	19	1	60	1	67	1	217	1	5.4	5.4	.00	5.4	-.01	5.4	-.03	
		2		38	2	92	2	122	2	343	2								
		3		98	5	199	5	341	5	1,146	5								
		4		237	13	542	12	880	12	2,623	12								
		5		595	31	1,462	32	2,526	33	6,775	31								
		6		477	25	1,230	26	1,987	26	5,460	25								
		7	Very much	430	23	984	21	1,607	21	5,059	23								
	Total	1,894	100	4,569	100	7,530	100	21,623	100										
11. Which of the following have you done while in college or do you plan to do before you graduate? ^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern (Means indicate the percentage who responded "Done or in progress.")	Have not decided	175	10	367	9	481	7	1,667	8	48%	49%	-.02	57% *** ▽	-.18	53% *** ▽	-.11		
		Do not plan to do	336	18	730	17	1,098	15	3,067	15									
		Plan to do	455	24	1,146	25	1,578	21	4,951	24									
		Done or in progress	933	48	2,320	49	4,372	57	11,938	53									
		Total	1,899	100	4,563	100	7,529	100	21,623	100									
b. Hold a formal leadership role in a student organization or group	leader (Means indicate the percentage who responded "Done or in progress.")	Have not decided	215	12	479	11	618	8	2,129	10	31%	32%	-.03	43% *** ▽	-.26	37% *** ▽	-.14		
		Do not plan to do	890	48	2,187	49	3,097	42	9,113	43									
		Plan to do	176	9	381	9	517	7	1,963	9									
		Done or in progress	608	31	1,509	32	3,282	43	8,377	37									
		Total	1,889	100	4,556	100	7,514	100	21,582	100									
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom (Means indicate the percentage who responded "Done or in progress.")	Have not decided	243	13	512	12	700	9	2,462	12	23%	22%	.03	27% ** ▽	-.07	26% * ▽	-.05		
		Do not plan to do	998	54	2,604	57	4,156	58	11,110	53									
		Plan to do	183	10	396	9	526	7	2,055	10									
		Done or in progress	460	23	1,036	22	2,120	27	5,879	26									
		Total	1,884	100	4,548	100	7,502	100	21,506	100									

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Participate in a study abroad program	abroad		Have not decided	190	10	522	12	685	9	2,305	11	7%	9% *	-.06	11% ***	-.14	12% ***	-.16	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	1,393	74	3,232	71	5,346	72	14,733	69									
	Plan to do	157	8	397	9	554	7	1,757	8										
	Done or in progress	148	7	403	9	923	11	2,718	12										
	Total	1,888	100	4,554	100	7,508	100	21,513	100										
e. Work with a faculty member on a research project	research		Have not decided	256	14	632	14	918	12	2,937	14	21%	25% ***	-.09	28% ***	-.16	26% ***	-.11	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	983	52	2,136	46	3,700	49	10,284	47									
	Plan to do	228	12	625	14	787	11	2,624	13										
	Done or in progress	419	21	1,160	25	2,095	28	5,668	26										
	Total	1,886	100	4,553	100	7,500	100	21,513	100										
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone		Have not decided	105	6	355	8	584	8	1,846	9	60%	43% ***	.34	44% ***	.34	43% ***	.35	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	193	11	962	22	1,899	27	5,000	24									
	Plan to do	428	23	1,160	26	1,652	22	5,188	24										
	Done or in progress	1,157	60	2,074	43	3,359	44	9,456	43										
	Total	1,883	100	4,551	100	7,494	100	21,490	100										
12. About how many of your courses at this institution have included a community-based project (service-learning)?																			
servcourse		1	None	737	41	2,187	49	3,582	50	9,713	47	1.7	1.6 ***	.18	1.6 ***	.21	1.6 ***	.12	
		2	Some	927	49	1,974	43	3,283	43	9,635	44								
		3	Most	173	9	319	7	494	6	1,608	7								
		4	All	38	2	56	1	106	1	416	2								
		Total	1,875	100	4,536	100	7,465	100	21,372	100									
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	Q1student	1	Poor	24	1	82	2	71	1	260	1	5.6	5.4 ***	.17	5.6	.01	5.6	.02	
		2		23	1	98	2	82	1	293	1								
		3		68	4	185	4	254	4	783	4								
		4		194	11	482	11	680	9	2,039	9								
		5		436	22	1,288	28	1,943	26	5,355	25								
		6		560	29	1,408	31	2,411	31	6,467	29								
		7	Excellent	562	30	964	22	2,000	27	6,044	29								
		—	Not applicable	17	1	34	1	48	1	207	1								
		Total	1,884	100	4,541	100	7,489	100	21,448	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 2023 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				WSU		Public RUVH -						WSU		Public RUVH -					
						WICHE		RUVH Land-grant		Public RUVH				WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Academic advisors	Qladvisor	1	Poor	79	4	197	5	281	4	1,047	5	5.3	5.2	.05	5.2	.04	5.1 ***	.13	
		2		81	4	198	4	347	5	1,077	5								
		3		156	8	357	8	552	8	1,781	8								
		4		208	11	533	12	918	12	2,872	13								
		5		335	18	884	19	1,365	19	4,113	19								
		6		413	22	977	21	1,572	21	4,101	19								
		7	Excellent	600	33	1,347	30	2,380	31	6,223	29								
		—	Not applicable	11	1	47	1	65	1	206	1								
		Total		1,883	100	4,540	100	7,480	100	21,420	100								
c. Faculty	Qlfaculty	1	Poor	19	1	77	2	85	1	302	2	5.5	5.4 **	.07	5.4	.02	5.4	.02	
		2		50	3	104	2	148	2	406	2								
		3		94	5	225	5	340	5	1,004	5								
		4		223	12	580	13	913	12	2,708	13								
		5		458	24	1,221	27	2,019	26	5,615	26								
		6		567	30	1,334	29	2,319	31	6,242	29								
		7	Excellent	456	25	973	22	1,623	22	5,006	24								
		—	Not applicable	13	1	25	1	33	0	149	1								
		Total		1,880	100	4,539	100	7,480	100	21,432	100								
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	52	3	206	5	226	4	733	4	5.1	4.9 ***	.13	5.1	.03	5.0 **	.07	
		2		60	3	184	4	247	3	835	4								
		3		116	6	311	7	480	7	1,525	7								
		4		236	12	558	12	1,023	14	3,005	13								
		5		356	18	892	19	1,515	20	4,337	20								
		6		339	18	832	18	1,540	20	3,978	18								
		7	Excellent	338	18	716	16	1,387	18	3,796	18								
		—	Not applicable	383	21	838	19	1,065	15	3,197	16								
		Total		1,880	100	4,537	100	7,483	100	21,406	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 2023 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				WSU		Public RUVH -						WSU		Public RUVH -					
						WICHE		RUVH Land-grant		Public RUVH				WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	80	4	235	6	258	4	942	5	5.1	4.8 *** △	.18	4.9 ** △	.08	4.9 *** △	.11	
		2		69	4	239	5	315	4	1,063	5								
		3		134	7	387	9	558	8	1,679	8								
		4		286	15	695	15	1,160	15	3,421	16								
		5		360	19	976	21	1,594	21	4,570	21								
		6		382	20	857	18	1,524	20	3,898	18								
		7	Excellent	385	21	690	16	1,304	17	3,759	18								
		—	Not applicable	187	10	455	10	765	11	2,088	10								
		Total	1,883	100	4,534	100	7,478	100	21,420	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	35	2	84	2	119	2	381	2	3.1	3.1	.03	3.2	-.04	3.1	.03	
		2	Some	331	18	863	19	1,350	17	4,256	20								
		3	Quite a bit	869	47	2,107	47	3,421	45	9,642	45								
		4	Very much	636	33	1,472	32	2,567	36	7,070	34								
		Total	1,871	100	4,526	100	7,457	100	21,349	100									
b. Providing support to help students succeed academically	SEacademic	1	Very little	91	5	298	7	364	5	1,134	6	2.8	2.7 *** △	.12	2.8	.02	2.8	.01	
		2	Some	520	28	1,396	31	2,065	29	5,932	28								
		3	Quite a bit	833	45	1,962	43	3,302	44	9,207	43								
		4	Very much	425	22	864	19	1,725	22	5,052	23								
		Total	1,869	100	4,520	100	7,456	100	21,325	100									
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	197	11	504	11	669	10	1,925	10	2.7	2.6 *** △	.09	2.7	-.04	2.8 ** ▽	-.07	
		2	Some	540	29	1,441	32	2,027	28	5,684	28								
		3	Quite a bit	718	38	1,740	38	2,961	39	8,388	39								
		4	Very much	414	22	832	18	1,781	23	5,282	24								
		Total	1,869	100	4,517	100	7,438	100	21,279	100									
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	292	16	818	18	1,043	14	2,564	13	2.6	2.5 *** △	.11	2.6	.01	2.6 ** ▽	-.08	
		2	Some	567	31	1,545	34	2,591	35	6,820	32								
		3	Quite a bit	645	35	1,414	31	2,390	32	7,201	33								
		4	Very much	359	19	740	17	1,414	19	4,691	22								
		Total	1,863	100	4,517	100	7,438	100	21,276	100									

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NSSE 2023 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				WSU		Public RUVH -						Public RUVH -							
						WICHE		RUVH Land-grant		Public RUVH		WSU		WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Providing opportunities to be involved socially	SEsocial	1	Very little	163	9	434	10	457	7	1,456	7	2.8	2.6 *** △	.14	2.9 *** ▽	-.10	2.9 *** ▽	-.09	
		2	Some	523	29	1,450	33	1,950	27	5,385	26								
		3	Quite a bit	728	39	1,813	39	3,092	41	8,764	40								
		4	Very much	451	24	816	18	1,929	26	5,654	26								
		Total	1,865	100	4,513	100	7,428	100	21,259	100									
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	209	11	534	12	727	10	2,244	11	2.6	2.6	.04	2.7 *** ▽	-.08	2.7 ** ▽	-.07	
		2	Some	598	32	1,459	33	2,180	30	6,303	30								
		3	Quite a bit	696	37	1,701	37	2,844	37	7,973	37								
		4	Very much	360	19	811	18	1,667	23	4,733	22								
		Total	1,863	100	4,505	100	7,418	100	21,253	100									
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	622	33	1,716	39	2,523	35	6,961	33	2.1	1.9 *** △	.16	2.0 ** △	.08	2.1	-.01	
		2	Some	676	37	1,700	37	2,838	38	7,676	36								
		3	Quite a bit	393	21	783	17	1,401	18	4,353	20								
		4	Very much	170	9	309	7	657	8	2,230	10								
		Total	1,861	100	4,508	100	7,419	100	21,220	100									
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	265	15	549	13	567	8	2,079	10	2.6	2.6 * △	.05	2.8 *** ▽	-.23	2.8 *** ▽	-.15	
		2	Some	526	29	1,505	34	2,073	27	5,972	28								
		3	Quite a bit	685	36	1,682	37	2,951	39	8,078	37								
		4	Very much	387	20	765	17	1,828	26	5,067	24								
		Total	1,863	100	4,501	100	7,419	100	21,196	100									
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	440	24	966	22	1,546	21	4,465	22	2.3	2.2	.02	2.3	-.01	2.3 * ▽	-.06	
		2	Some	710	38	1,916	43	3,148	42	8,253	39								
		3	Quite a bit	511	27	1,209	26	1,911	26	5,809	27								
		4	Very much	203	11	412	9	811	11	2,686	13								
		Total	1,864	100	4,503	100	7,416	100	21,213	100									
15. To what extent do you agree or disagree with the following statements?																			
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	55	3	166	4	188	3	516	3	3.2	3.1 *** △	.12	3.3	-.04	3.3 * ▽	-.05	
		2	Disagree	151	8	465	11	562	8	1,593	8								
		3	Agree	962	51	2,417	53	3,766	50	10,682	50								
		4	Strongly agree	692	38	1,459	33	2,908	39	8,409	40								
		Total	1,860	100	4,507	100	7,424	100	21,200	100									

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NSSE 2023 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				WSU		Public RUVH -								Public RUVH -					
						WICHE		RUVH Land-grant		Public RUVH		WSU		WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	138	8	491	12	563	9	1,599	8	2.9	2.7 *** △	.21	2.8 ** △	.07	2.9	.02	
		2	Disagree	375	20	1,109	25	1,607	22	4,359	20								
		3	Agree	942	50	2,177	47	3,688	48	10,561	49								
		4	Strongly agree	408	22	727	16	1,568	20	4,673	22								
		Total	1,863	100	4,504	100	7,426	100	21,192	100									
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	106	6	353	9	406	7	1,159	6	2.9	2.8 *** △	.20	3.0	-.03	3.0	-.02	
		2	Disagree	343	19	1,030	23	1,216	16	3,687	18								
		3	Agree	949	51	2,297	50	3,870	52	10,930	50								
		4	Strongly agree	462	25	829	18	1,932	25	5,440	26								
		Total	1,860	100	4,509	100	7,424	100	21,216	100									
16. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs (Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	9	1	25	1	28	0	100	1	16.1	16.8 *** ▽	-.09	16.4	-.04	15.8	.03	
		3	1-5 hrs	188	10	389	9	782	10	2,329	11								
		8	6-10 hrs	380	21	833	19	1,496	19	4,554	21								
		13	11-15 hrs	398	22	886	20	1,519	20	4,436	21								
		18	16-20 hrs	351	19	930	21	1,479	20	4,090	19								
		23	21-25 hrs	216	11	556	12	843	11	2,431	12								
		28	26-30 hrs	120	7	367	8	518	7	1,346	6								
		33	More than 30 hrs	196	11	507	11	746	11	1,868	9								
		Total	1,858	100	4,493	100	7,411	100	21,154	100									

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NSSE 2023 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				WSU		Public RUVH -						WSU		Public RUVH -					
						WICHE		RUVH Land-grant		Public RUVH				WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmccurrhrs	0	0 hrs	803	45	1,917	44	2,280	31	7,129	35	4.9	4.5	.05	5.6 ***	-.11	5.6 ***	-.10	
	(Recorded version of tmccurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	499	26	1,311	28	2,552	34	6,531	30								
		8	6-10 hrs	221	12	587	13	1,236	17	3,374	16								
		13	11-15 hrs	154	8	327	7	652	9	1,984	9								
		18	16-20 hrs	77	4	179	4	349	5	1,079	5								
		23	21-25 hrs	52	3	94	2	169	2	526	3								
		28	26-30 hrs	18	1	30	1	73	1	194	1								
		33	More than 30 hrs	28	1	47	1	93	1	302	1								
		Total		1,852	100	4,492	100	7,404	100	21,119	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	1,283	71	2,978	67	4,669	64	14,458	70	3.8	4.5 ***	-.09	4.7 ***	-.12	3.9	-.01	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	77	4	210	5	402	5	1,058	5								
		8	6-10 hrs	144	7	410	9	760	10	1,823	8								
		13	11-15 hrs	140	7	344	7	653	8	1,578	7								
		18	16-20 hrs	137	7	302	7	572	7	1,369	6								
		23	21-25 hrs	42	2	130	3	181	3	440	2								
		28	26-30 hrs	13	1	40	1	70	1	158	1								
		33	More than 30 hrs	17	1	77	2	97	1	248	1								
		Total		1,853	100	4,491	100	7,404	100	21,132	100								
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	969	51	1,880	42	3,716	53	9,956	47	9.7	11.0 ***	-.11	8.0 ***	.15	9.9	-.02	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	108	6	285	6	445	6	1,173	5								
		8	6-10 hrs	126	6	362	8	577	7	1,571	7								
		13	11-15 hrs	122	6	403	9	680	9	1,831	8								
		18	16-20 hrs	150	8	472	10	701	9	2,027	10								
		23	21-25 hrs	98	5	379	8	483	6	1,505	7								
		28	26-30 hrs	70	4	221	5	281	3	899	4								
		33	More than 30 hrs	215	13	482	12	521	7	2,173	11								
		Total		1,858	100	4,484	100	7,404	100	21,135	100								
Estimated number of hours working for pay	tmworkhrs										13.4	15.6 ***	-.17	12.8 *	.06	13.8	-.03		
	(Continuous variable created by NSSE)																		

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NSSE 2023 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

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Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				WSU		Public RUVH - WICHE		RUVH Land-grant		Public RUVH		WSU		Public RUVH - WICHE		RUVH Land-grant		Public RUVH	
				Count	%	Count	%	Count	%	Count	%	Mean		Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	1,047	58	2,591	58	4,229	58	11,873	57	2.8	2.6	.05	2.4 **	.08	2.7	.01	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	532	28	1,316	29	2,300	30	6,236	29								
		8	6-10 hrs	125	7	288	7	437	6	1,451	7								
		13	11-15 hrs	71	4	140	3	211	3	759	4								
		18	16-20 hrs	42	2	69	2	106	1	411	2								
		23	21-25 hrs	13	1	39	1	56	1	198	1								
		28	26-30 hrs	11	1	19	0	22	0	67	0								
		33	More than 30 hrs	14	1	25	1	43	1	137	1								
			Total	1,855	100	4,487	100	7,404	100	21,132	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	54	3	92	2	116	2	465	2	11.5	11.8	-.04	12.8 ***	-.16	12.1 ***	-.08	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	439	24	947	21	1,327	17	4,228	20								
		8	6-10 hrs	532	28	1,248	27	2,161	28	5,955	28								
		13	11-15 hrs	350	19	1,004	22	1,627	22	4,541	21								
		18	16-20 hrs	231	12	647	15	1,112	16	3,039	15								
		23	21-25 hrs	103	5	274	6	445	6	1,231	6								
		28	26-30 hrs	39	2	100	2	231	3	576	3								
		33	More than 30 hrs	110	6	184	4	374	6	1,091	6								
			Total	1,858	100	4,496	100	7,393	100	21,126	100								
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	1,307	69	3,456	75	6,106	83	16,167	75	5.0	3.3 ***	.20	2.3 ***	.38	3.5 ***	.18	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	189	10	399	9	510	7	1,738	9								
		8	6-10 hrs	70	4	164	4	201	3	777	4								
		13	11-15 hrs	56	3	121	3	137	2	648	3								
		18	16-20 hrs	47	3	75	2	87	1	396	2								
		23	21-25 hrs	25	1	64	1	69	1	214	1								
		28	26-30 hrs	11	1	27	1	36	0	120	1								
		33	More than 30 hrs	152	9	189	4	240	3	1,032	5								
			Total	1,857	100	4,495	100	7,386	100	21,092	100								

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NSSE 2023 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				WSU		Public RUVH -		RUVH Land-grant		Public RUVH		WSU		Public RUVH -		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	302	18	410	9	830	11	3,332	15	4.4	5.2 *** ▽	-.16	4.7 ** ▽	-.08	5.0 *** ▽	-.13	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	1,127	60	2,772	61	4,778	63	12,136	57								
	8	6-10 hrs	264	14	855	19	1,160	17	3,393	17									
	13	11-15 hrs	87	5	262	6	359	5	1,232	6									
	18	16-20 hrs	34	2	107	3	129	2	506	2									
	23	21-25 hrs	18	1	40	1	69	1	238	1									
	28	26-30 hrs	8	0	17	0	28	0	96	0									
	33	More than 30 hrs	11	1	31	1	42	1	191	1									
	Total		1,851	100	4,494	100	7,395	100	21,124	100									
17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																			
	reading	1	Very little	334	18	832	18	1,761	25	4,366	21	2.6	2.6	-.03	2.4 *** △	.16	2.5 * △	.06	
		2	Some	618	34	1,516	34	2,641	35	7,068	34								
		3	About half	478	26	1,066	24	1,564	21	5,028	23								
		4	Most	302	16	749	17	1,007	14	3,165	15								
		5	Almost all	115	6	315	7	398	6	1,416	7								
		Total		1,847	100	4,478	100	7,371	100	21,043	100								
	tmreadinghrs											6.8	6.9	-.02	6.0 *** △	.14	6.3 *** △	.08	
	(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)																		
	tmreadinghrscol	1	0 hrs	8	0	24	1	28	0	96	1								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	958	53	2,204	49	4,195	56	11,504	55								
		3	More than 5, up to 10 hrs	491	26	1,336	30	1,971	27	5,717	27								
		4	More than 10, up to 15 hrs	167	9	426	9	593	8	1,769	8								
		5	More than 15, up to 20 hrs	112	6	251	6	300	4	967	5								
		6	More than 20, up to 25 hrs	77	4	157	4	198	3	623	3								
		7	More than 25 hrs	29	2	65	2	67	1	308	1								
		Total		1,842	100	4,463	100	7,352	100	20,984	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 2023 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				WSU		Public RUVH - WICHE		RUVH Land-grant		Public RUVH		WSU		Public RUVH - WICHE		RUVH Land-grant		Public RUVH		
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																				
a. Writing clearly and effectively	pgwrite	1	Very little	84	5	311	7	450	6	1,209	6	3.0	2.9 ***	.18	2.9 ***	.16	3.0 ***	.11		
		2	Some	364	20	1,153	25	1,868	26	4,859	24									
		3	Quite a bit	749	41	1,806	40	2,907	39	8,358	39									
		4	Very much	653	35	1,221	28	2,150	29	6,627	31									
		Total	1,850	100	4,491	100	7,375	100	21,053	100										
b. Speaking clearly and effectively	pgspeak	1	Very little	139	8	439	10	641	9	1,514	8	2.9	2.7 ***	.16	2.8 **	.07	2.9	-.02		
		2	Some	451	25	1,310	30	1,970	27	5,170	25									
		3	Quite a bit	708	38	1,685	36	2,695	35	7,977	37									
		4	Very much	551	29	1,052	24	2,065	28	6,373	30									
		Total	1,849	100	4,486	100	7,371	100	21,034	100										
c. Thinking critically and analytically	pgthink	1	Very little	31	2	126	3	164	3	463	3	3.3	3.3 ***	.11	3.3	.03	3.3 *	.05		
		2	Some	205	12	608	14	905	12	2,600	13									
		3	Quite a bit	707	38	1,759	38	2,813	37	8,040	38									
		4	Very much	903	49	1,991	45	3,490	48	9,926	47									
		Total	1,846	100	4,484	100	7,372	100	21,029	100										
d. Analyzing numerical and statistical information	pganalyze	1	Very little	110	6	372	8	507	7	1,583	7	3.1	3.0 ***	.11	3.0	.03	3.0 **	.07		
		2	Some	386	20	995	22	1,642	21	4,860	22									
		3	Quite a bit	665	36	1,584	35	2,604	35	7,242	34									
		4	Very much	689	38	1,529	35	2,615	37	7,348	37									
		Total	1,850	100	4,480	100	7,368	100	21,033	100										
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	137	8	501	12	579	9	1,593	8	2.9	2.7 ***	.18	2.9	.00	2.9	-.02		
		2	Some	454	25	1,263	28	1,718	23	4,891	23									
		3	Quite a bit	649	35	1,514	33	2,622	35	7,421	34									
		4	Very much	604	32	1,208	27	2,451	33	7,130	34									
		Total	1,844	100	4,486	100	7,370	100	21,035	100										
f. Working effectively with others	pgothers	1	Very little	88	5	260	6	297	5	808	4	3.1	2.9 ***	.19	3.1	.03	3.1	.01		
		2	Some	334	19	1,118	25	1,486	21	4,173	21									
		3	Quite a bit	725	39	1,771	39	2,971	39	8,345	39									
		4	Very much	702	37	1,332	29	2,615	35	7,702	36									
		Total	1,849	100	4,481	100	7,369	100	21,028	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 2023 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				WSU		Public RUVH -								Public RUVH -					
						WICHE		RUVH Land-grant		Public RUVH		WSU		WICHE		RUVH Land-grant		Public RUVH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	201	12	675	16	883	13	2,302	12	2.8	2.6 *** △	.21	2.7 ** △	.08	2.8	.02	
		2	Some	456	25	1,377	31	2,013	27	5,365	26								
		3	Quite a bit	663	35	1,476	32	2,553	34	7,413	34								
		4	Very much	527	28	955	21	1,919	25	5,945	28								
		Total	1,847	100	4,483	100	7,368	100	21,025	100									
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	162	9	548	12	698	10	1,678	9	2.8	2.7 *** △	.16	2.8	.04	2.9 * ▽	-.05	
		2	Some	486	27	1,397	31	2,072	28	5,176	25								
		3	Quite a bit	641	34	1,469	33	2,560	34	7,518	35								
		4	Very much	560	29	1,061	24	2,035	28	6,657	31								
		Total	1,849	100	4,475	100	7,365	100	21,029	100									
i. Solving complex real- world problems	pgprobolve	1	Very little	134	8	438	10	597	8	1,629	8	2.9	2.8 *** △	.13	2.9	.00	2.9	.00	
		2	Some	472	26	1,235	28	1,879	25	5,308	25								
		3	Quite a bit	672	36	1,661	37	2,705	36	7,568	35								
		4	Very much	571	30	1,143	25	2,190	31	6,541	31								
		Total	1,849	100	4,477	100	7,371	100	21,046	100									
j. Being an informed and active citizen	pgcitizen	1	Very little	234	13	711	16	1,003	14	2,602	13	2.7	2.6 *** △	.12	2.6	.03	2.7	-.02	
		2	Some	568	31	1,465	32	2,296	31	6,243	30								
		3	Quite a bit	578	31	1,418	31	2,417	32	6,837	31								
		4	Very much	472	25	891	20	1,660	23	5,395	26								
		Total	1,852	100	4,485	100	7,376	100	21,077	100									
19. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	69	4	183	5	186	3	560	3	3.1	3.1 ** △	.07	3.2 *** ▽	-.10	3.2 ** ▽	-.08	
		2	Fair	257	14	679	15	959	13	2,829	14								
		3	Good	902	48	2,230	49	3,383	45	9,875	45								
		4	Excellent	627	34	1,399	31	2,861	39	7,853	38								
		Total		1,855	100	4,491	100	7,389	100	21,117	100								
20. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	92	5	218	5	282	4	902	5	3.2	3.1 * △	.06	3.3 *** ▽	-.12	3.2 ** ▽	-.07	
		2	Probably no	228	12	634	14	828	11	2,525	12								
		3	Probably yes	803	43	2,048	46	3,000	39	8,831	41								
		4	Definitely yes	741	39	1,598	35	3,312	46	8,997	43								
		Total		1,864	100	4,498	100	7,422	100	21,255	100								

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NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics^g Washington State University

First-Year Students

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e			
	WSU	WSU	Public RUW - WICHE	RUW Land-grant	Public RUW	WSU	Public RUW - WICHE	RUW Land-grant	Public RUW	WSU	Public RUW - WICHE	RUW Land-grant	Public RUW	Comparisons with:			Comparisons with:			Comparisons with:			
														Public RUW - WICHE	RUW Land-grant	Public RUW	Public RUW - WICHE	RUW Land-grant	Public RUW	Public RUW - WICHE	RUW Land-grant	Public RUW	Public RUW
1 a. askquest	1,344	2.69	2.70	2.66	2.72	.023	.009	.006	.004	.84	.83	.84	.84	10,254	20,155	40,563	.722	.323	.138	-.01	.03	-.04	
b. CLaskhelp	1,353	2.58	2.57	2.57	2.59	.024	.009	.006	.005	.90	.88	.88	.90	10,209	20,048	40,481	.756	.714	.595	.01	.01	-.01	
c. CLexplain	1,352	2.58	2.63	2.64	2.66	.023	.009	.006	.004	.84	.83	.83	.85	10,179	20,017	40,322	.019	.005	.000	-.07	-.08	-.10	
d. CLstudy	1,343	2.44	2.41	2.45	2.50	.026	.010	.007	.005	.97	.94	.97	.98	10,130	19,899	40,092	.332	.607	.033	.03	-.01	-.06	
e. CLproject	1,340	2.67	2.60	2.59	2.67	.023	.009	.006	.004	.85	.87	.88	.88	1,801	1,556	1,441	.002	.000	.903	.09	.10	.00	
f. present	1,337	2.07	2.00	2.02	2.18	.023	.009	.006	.004	.86	.88	.84	.88	10,072	1,531	1,436	.010	.043	.000	.08	.06	-.12	
2 a. RIintegrate	1,317	2.72	2.69	2.59	2.65	.023	.009	.006	.004	.83	.83	.83	.84	9,958	1,518	1,413	.182	.000	.003	.04	.15	.08	
b. RIsocietal	1,311	2.62	2.67	2.54	2.60	.023	.009	.007	.005	.85	.87	.87	.88	9,866	1,524	1,411	.049	.003	.529	-.06	.08	.02	
c. RIdiverse	1,307	2.68	2.69	2.56	2.63	.024	.010	.007	.005	.86	.90	.90	.90	1,778	1,529	1,409	.659	.000	.062	-.01	.13	.05	
d. Rlownview	1,300	2.81	2.80	2.75	2.81	.021	.009	.006	.004	.77	.78	.80	.80	9,713	1,520	1,402	.611	.007	.930	.02	.07	.00	
e. Rlperspect	1,280	2.93	2.93	2.89	2.93	.021	.008	.006	.004	.76	.76	.78	.78	9,577	1,491	36,611	.824	.092	.984	-.01	.05	.00	
f. Rlnewview	1,260	2.88	2.89	2.86	2.88	.022	.009	.006	.004	.78	.78	.79	.79	9,463	17,508	35,826	.662	.311	.983	-.01	.03	.00	
g. RIconnect	1,253	3.05	3.08	3.08	3.08	.020	.008	.006	.004	.71	.72	.73	.73	9,373	17,203	1,351	.283	.278	.278	-.03	-.03	-.03	
3 a. SFcareer	1,252	2.44	2.21	2.25	2.36	.026	.010	.007	.005	.90	.91	.92	.94	1,663	1,461	35,288	.000	.000	.003	.25	.21	.09	
b. SFotherwork	1,251	1.89	1.76	1.80	1.90	.027	.010	.007	.005	.94	.89	.91	.96	1,614	17,075	35,032	.000	.001	.731	.14	.10	-.01	
c. SFdiscuss	1,236	2.06	1.98	1.96	2.06	.026	.010	.007	.005	.93	.88	.89	.93	1,601	1,421	34,568	.005	.000	.887	.09	.11	.00	
d. SFperform	1,238	2.19	2.02	2.01	2.13	.024	.010	.007	.005	.85	.87	.87	.91	1,658	1,448	1,344	.000	.000	.031	.20	.21	.06	
4 a. memorize	1,234	2.95	2.85	2.94	2.97	.023	.009	.006	.004	.82	.82	.79	.80	1,637	16,620	34,173	.000	.779	.306	.12	.01	-.03	
b. HOapply	1,230	2.95	2.94	2.99	2.98	.022	.009	.006	.004	.76	.79	.79	.80	1,665	16,508	1,333	.654	.087	.101	.01	-.05	-.05	
c. HOanalyze	1,218	2.90	2.91	2.92	2.95	.022	.009	.007	.004	.77	.79	.80	.80	9,075	16,308	33,498	.697	.456	.018	-.01	-.02	-.07	
d. HOevaluate	1,215	2.93	2.84	2.80	2.90	.023	.009	.007	.005	.79	.81	.83	.81	1,641	1,440	1,314	.000	.000	.172	.11	.16	.04	
e. HOform	1,213	2.94	2.88	2.85	2.93	.022	.009	.007	.004	.75	.79	.81	.80	1,664	1,453	1,320	.007	.000	.575	.08	.11	.02	
5 a. ETgoals	1,204	3.00	2.98	3.04	3.07	.022	.009	.006	.004	.75	.78	.75	.76	1,633	15,975	1,299	.283	.128	.003	.03	-.05	-.09	
b. ETorganize	1,202	2.93	2.93	2.98	2.98	.023	.009	.007	.005	.81	.80	.79	.81	8,927	1,394	32,603	.900	.049	.056	.00	-.06	-.06	
c. ETexample	1,197	2.96	2.97	3.01	3.03	.023	.009	.007	.005	.79	.81	.79	.80	8,891	15,877	32,511	.791	.028	.005	-.01	-.07	-.08	
d. ETdraftfb	1,194	2.77	2.67	2.66	2.76	.024	.010	.007	.005	.84	.90	.91	.90	1,647	1,427	1,300	.000	.000	.708	.11	.12	.01	
e. ETfeedback	1,191	2.63	2.60	2.59	2.66	.025	.010	.007	.005	.86	.87	.88	.90	8,852	15,757	1,291	.242	.195	.196	.04	.04	-.04	
f. etercriteria	1,180	2.95	2.89	2.94	2.98	.023	.009	.007	.005	.79	.82	.80	.80	1,596	15,645	32,096	.021	.702	.209	.07	.01	-.04	
g. etreview	1,181	2.94	2.91	2.94	2.98	.022	.009	.007	.004	.75	.79	.78	.78	1,613	1,398	31,977	.103	.794	.108	.05	.01	-.05	
h. etprefer	1,177	2.60	2.58	2.59	2.64	.025	.009	.007	.005	.85	.83	.84	.85	8,763	15,572	31,918	.429	.606	.194	.02	.02	-.04	
i. etdemonstrate	1,179	3.05	3.06	3.09	3.09	.023	.009	.006	.004	.78	.77	.77	.78	8,769	15,527	31,789	.775	.118	.134	-.01	-.05	-.04	

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics^g Washington State University

First-Year Students

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	WSU	WSU	Public RUW - WICHE	RUW Land-grant	Public RUW	WSU	Public RUW - WICHE	RUW Land-grant	Public RUW	WSU	Public RUW - WICHE	RUW Land-grant	Public RUW	Comparisons with:			Comparisons with:			Comparisons with:		
														Public RUW - WICHE	RUW Land-grant	Public RUW	Public RUW - WICHE	RUW Land-grant	Public RUW	Public RUW - WICHE	RUW Land-grant	Public RUW
6 a. QRconclude	1,159	2.70	2.64	2.67	2.69	.024	.010	.007	.005	.83	.85	.84	.86	1,560	15,171	1,255	.018	.302	.749	.07	.03	.01
b. QRproblem	1,157	2.44	2.44	2.40	2.47	.027	.010	.008	.005	.91	.89	.91	.92	8,619	15,087	30,972	.957	.216	.323	.00	.04	-.03
c. QRevaluate	1,156	2.48	2.44	2.42	2.47	.025	.010	.007	.005	.86	.86	.86	.89	8,598	14,993	30,784	.219	.046	.819	.04	.06	.01
7 a. wrshortnum	1,150	7.15	6.61	5.70	6.06	.174	.067	.046	.032	5.91	5.76	5.40	5.50	8,583	1,314	1,228	.003	.000	.000	.09	.27	.20
b. wrmednum	1,151	2.46	2.35	1.86	2.29	.102	.040	.026	.021	3.44	3.48	3.06	3.55	8,570	1,307	30,598	.329	.000	.116	.03	.19	.05
c. wrlongnum	1,150	1.04	1.00	.81	1.09	.083	.034	.023	.018	2.80	2.94	2.67	3.15	8,555	1,329	30,627	.688	.009	.551	.01	.08	-.02
— wrpages	1,146	56.35	53.53	44.02	52.43	2.153	.870	.580	.460	72.88	74.72	67.90	78.69	8,526	1,316	30,439	.234	.000	.098	.04	.18	.05
8 a. DDrace	1,144	3.05	2.97	3.09	3.11	.025	.010	.007	.005	.84	.88	.86	.86	1,556	1,349	1,238	.004	.104	.010	.09	-.05	-.08
b. DDeconomic	1,141	3.04	2.98	3.07	3.08	.025	.010	.007	.005	.84	.84	.84	.84	8,528	14,846	1,231	.036	.280	.069	.07	-.03	-.05
c. DDreligion	1,142	2.93	2.92	3.01	3.02	.026	.010	.008	.005	.89	.89	.88	.89	8,527	14,876	30,459	.640	.002	.002	.01	-.09	-.09
d. DDpolitical	1,137	2.86	2.74	2.92	2.88	.026	.011	.008	.005	.89	.91	.90	.92	1,526	14,853	1,232	.000	.037	.511	.13	-.06	-.02
e. ddsexorient	1,141	2.85	2.93	2.89	2.92	.027	.011	.008	.005	.92	.91	.93	.94	8,539	14,844	30,447	.011	.174	.011	-.08	-.04	-.08
f. ddcountry	1,140	2.61	2.57	2.64	2.78	.026	.011	.008	.005	.89	.91	.93	.93	8,541	1,356	30,457	.175	.275	.000	.04	-.03	-.18
9 a. LSreading	1,142	2.97	2.90	2.92	2.95	.022	.009	.007	.005	.75	.77	.77	.77	1,539	1,353	1,238	.004	.025	.453	.09	.07	.02
b. LSnotes	1,145	2.83	2.77	2.87	2.91	.026	.010	.007	.005	.87	.86	.87	.87	8,499	14,776	30,165	.040	.114	.002	.07	-.05	-.09
c. LSsummary	1,142	2.78	2.75	2.81	2.87	.025	.010	.007	.005	.85	.83	.85	.84	8,495	14,740	30,139	.246	.291	.000	.04	-.03	-.11
10 challenge	1,138	5.24	5.26	5.36	5.30	.036	.014	.010	.007	1.20	1.18	1.19	1.23	8,425	14,679	1,233	.639	.002	.082	-.01	-.10	-.05
11 a. intern ^l	1,138	9%	8%	9%	8%	.009	.003	.002	.002	--	--	--	--	--	--	--	.329	.997	.098	.03	.00	.05
b. leader ^l	1,136	12%	8%	12%	11%	.010	.003	.003	.002	--	--	--	--	--	--	--	.000	.521	.278	.14	.02	.03
c. learncom ^l	1,134	10%	14%	17%	18%	.009	.004	.003	.002	--	--	--	--	--	--	--	.000	.000	.000	-.14	-.22	-.26
d. abroad ^l	1,137	3%	3%	3%	4%	.005	.002	.001	.001	--	--	--	--	--	--	--	.816	.709	.119	.01	-.01	-.05
e. research ^l	1,133	6%	5%	7%	6%	.007	.003	.002	.001	--	--	--	--	--	--	--	.058	.410	.941	.06	-.03	.00
f. capstone ^l	1,129	2%	2%	2%	3%	.005	.001	.001	.001	--	--	--	--	--	--	--	.037	.833	.450	.06	.01	-.02
12 servcourse	1,132	1.64	1.55	1.53	1.62	.021	.008	.006	.004	.70	.67	.68	.72	8,323	14,483	29,484	.000	.000	.319	.14	.17	.03
13 a. Q1student	1,122	5.25	5.33	5.46	5.44	.038	.016	.011	.008	1.28	1.33	1.29	1.30	8,278	14,402	29,330	.068	.000	.000	-.06	-.16	-.14
b. Q1advisor	1,128	5.47	5.28	5.42	5.40	.042	.018	.013	.009	1.43	1.53	1.53	1.55	1,569	1,360	1,236	.000	.243	.096	.13	.03	.05
c. Q1faculty	1,113	5.27	5.30	5.33	5.35	.038	.015	.011	.008	1.27	1.28	1.28	1.29	8,211	14,303	29,108	.452	.097	.023	-.02	-.05	-.07
d. Q1staff	1,030	5.07	5.03	5.20	5.16	.044	.019	.014	.009	1.43	1.56	1.49	1.50	1,448	1,227	1,121	.390	.006	.061	.03	-.09	-.06
e. Q1admin	1,027	4.91	4.91	5.08	5.05	.047	.019	.014	.010	1.49	1.55	1.50	1.53	7,458	12,725	26,445	.912	.000	.004	.00	-.12	-.09

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics^g Washington State University

First-Year Students

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	WSU	WSU	Public RUVH - WICHE	RUVH Land-grant	Public RUVH	WSU	Public RUVH - WICHE	RUVH Land-grant	Public RUVH	WSU	Public RUVH - WICHE	RUVH Land-grant	Public RUVH	Comparisons with:			Comparisons with:			Comparisons with:		
														Public RUVH - WICHE	RUVH Land-grant	Public RUVH	Public RUVH - WICHE	RUVH Land-grant	Public RUVH	Public RUVH - WICHE	RUVH Land-grant	Public RUVH
14 a. empstudy	1,128	3.04	3.00	3.10	3.06	.021	.009	.006	.004	.72	.75	.75	.75	8,297	1,342	1,228	.122	.003	.320	.05	-.09	-.03
b. SEacademic	1,124	2.89	2.82	2.95	2.96	.023	.009	.007	.005	.78	.80	.79	.81	1,525	14,386	29,308	.005	.017	.004	.09	-.07	-.09
c. SElearnsup	1,118	2.97	2.85	2.98	3.01	.025	.010	.008	.005	.84	.87	.88	.88	1,508	1,329	1,214	.000	.817	.118	.14	-.01	-.05
d. SEdiverse	1,117	2.61	2.62	2.73	2.80	.026	.011	.008	.005	.88	.92	.91	.91	1,517	14,345	29,247	.724	.000	.000	-.01	-.14	-.21
e. SEsocial	1,114	2.87	2.78	3.01	3.01	.025	.010	.007	.005	.82	.84	.82	.83	1,505	1,309	1,205	.001	.000	.000	.11	-.16	-.16
f. SEwellness	1,117	2.80	2.74	2.90	2.90	.025	.010	.008	.005	.82	.87	.87	.87	1,541	14,334	29,180	.025	.000	.000	.07	-.11	-.12
g. SEonacad	1,110	2.23	2.12	2.23	2.32	.028	.011	.008	.006	.93	.92	.94	.95	1,467	14,294	1,203	.000	.935	.003	.12	.00	-.09
h. SEactivities	1,116	2.80	2.77	2.97	2.92	.026	.010	.007	.005	.86	.87	.84	.86	8,209	1,302	29,093	.264	.000	.000	.04	-.20	-.14
i. SEevents	1,111	2.34	2.33	2.38	2.47	.027	.011	.008	.006	.91	.90	.91	.92	8,208	14,288	29,093	.872	.139	.000	.01	-.05	-.14
15 a. sbmyself	1,118	3.15	3.15	3.23	3.23	.019	.008	.006	.004	.63	.68	.68	.67	1,550	1,342	1,218	.985	.000	.000	.00	-.12	-.12
b. sbvalued	1,115	2.88	2.81	2.90	2.94	.021	.009	.007	.004	.72	.77	.76	.75	1,543	1,339	29,062	.008	.239	.003	.08	-.03	-.09
c. sbcommunity	1,114	2.94	2.87	3.00	3.00	.022	.009	.007	.004	.73	.77	.75	.74	1,523	14,251	29,055	.002	.007	.007	.10	-.08	-.08
16 a. tmprephrs	1,110	15.24	15.95	16.45	15.42	.243	.097	.072	.049	8.08	8.13	8.22	8.11	8,196	14,173	28,968	.006	.000	.468	-.09	-.15	-.02
b. tmcocurrhrs	1,114	5.65	4.75	5.82	5.91	.216	.076	.057	.040	7.22	6.42	6.56	6.72	1,406	1,275	1,192	.000	.464	.248	.14	-.02	-.04
c. tmworkonhrs	1,113	2.58	2.66	2.80	2.60	.170	.071	.051	.036	5.67	6.01	5.89	5.97	8,202	1,324	28,940	.661	.221	.892	-.01	-.04	.00
d. tmworkoffhrs	1,117	3.86	5.38	3.53	4.36	.242	.109	.066	.050	8.08	9.21	7.50	8.35	1,610	1,286	1,214	.000	.185	.044	-.17	.04	-.06
— tmworkhrs	1,113	6.42	8.04	6.30	6.94	.303	.132	.088	.066	10.11	11.15	10.01	10.95	1,568	14,172	1,218	.000	.698	.096	-.15	.01	-.05
e. tmservicehrs	1,111	2.17	1.91	2.02	2.37	.129	.051	.037	.029	4.30	4.25	4.28	4.80	8,191	14,178	28,896	.061	.277	.168	.06	.03	-.04
f. tmrelaxhrs	1,117	12.93	13.13	13.12	13.01	.252	.097	.071	.050	8.43	8.19	8.16	8.28	8,185	14,192	28,888	.437	.446	.761	-.03	-.02	-.01
g. tmcarehrs	1,117	1.88	1.57	1.31	1.83	.167	.057	.040	.032	5.59	4.80	4.53	5.30	1,388	1,244	28,848	.075	.001	.762	.06	.12	.01
h. tmcommutehrs	1,117	4.52	4.31	3.89	4.24	.170	.062	.046	.035	5.69	5.22	5.25	5.89	1,428	1,284	28,927	.247	.000	.118	.04	.12	.05
17 reading	1,116	2.51	2.63	2.36	2.42	.032	.013	.009	.006	1.06	1.08	1.06	1.06	8,191	14,167	28,827	.001	.000	.002	-.11	.15	.09
— tmreadinghrs	1,106	6.12	6.67	5.97	5.80	.161	.066	.047	.031	5.35	5.55	5.32	5.23	8,156	14,092	28,707	.002	.359	.043	-.10	.03	.06

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics^g

Washington State University

First-Year Students

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j				Significance ^k				Effect size ^e			
	WSU	WSU	Public RUVH - WICHE	RUVH Land-grant	Public RUVH	WSU	Public RUVH - WICHE	RUVH Land-grant	Public RUVH	WSU	Public RUVH - WICHE	RUVH Land-grant	Public RUVH	Comparisons with:				Comparisons with:				Comparisons with:			
														Public RUVH - WICHE	RUVH Land- grant	Public RUVH	Public RUVH - WICHE	RUVH Land- grant	Public RUVH	Public RUVH - WICHE	RUVH Land- grant	Public RUVH			
18 a. pgwrite	1,115	2.78	2.64	2.60	2.74	.025	.010	.008	.005	.84	.88	.90	.88	1,524	1,344	1,215	.000	.000	.076	.16	.20	.05			
b. pgspeak	1,115	2.55	2.47	2.50	2.63	.027	.011	.008	.006	.91	.94	.95	.93	8,165	1,328	28,748	.008	.070	.004	.09	.05	-.09			
c. pgthink	1,114	3.08	3.02	3.05	3.09	.023	.010	.007	.005	.77	.81	.81	.80	8,176	14,138	1,211	.010	.236	.753	.08	.04	-.01			
d. pganalyze	1,113	2.81	2.69	2.77	2.81	.027	.011	.008	.006	.90	.94	.92	.92	1,521	1,319	28,757	.000	.137	.924	.13	.05	.00			
e. pgwork	1,111	2.62	2.46	2.59	2.64	.027	.011	.008	.006	.91	.95	.95	.95	1,510	1,325	1,209	.000	.433	.343	.17	.02	-.03			
f. pgothers	1,112	2.78	2.68	2.79	2.85	.025	.011	.008	.005	.84	.89	.88	.87	1,535	1,332	28,759	.000	.830	.021	.12	-.01	-.07			
g. pgvalues	1,110	2.63	2.54	2.63	2.70	.027	.011	.008	.006	.91	.95	.94	.93	1,516	1,322	28,753	.003	.873	.011	.09	.00	-.08			
h. pgdiverse	1,108	2.72	2.70	2.75	2.84	.027	.011	.008	.005	.90	.91	.92	.90	8,168	14,104	28,742	.412	.293	.000	.03	-.03	-.14			
i. pgprobolve	1,118	2.68	2.60	2.65	2.71	.026	.011	.008	.006	.87	.90	.92	.92	1,518	1,338	1,218	.004	.306	.210	.09	.03	-.04			
j. pgcitizen	1,117	2.57	2.52	2.57	2.66	.027	.011	.008	.006	.91	.92	.94	.93	8,181	1,332	28,883	.091	.826	.001	.05	-.01	-.10			
19 evalexp	1,118	3.04	3.02	3.12	3.10	.021	.009	.006	.004	.69	.73	.73	.73	8,166	1,338	1,218	.390	.000	.006	.03	-.11	-.08			
20 sameinst	1,124	3.12	3.14	3.26	3.21	.022	.009	.007	.005	.75	.76	.75	.77	8,193	1,321	1,218	.569	.000	.000	-.02	-.19	-.11			
21 returnexp ^l	1,128	89%	89%	93%	91%	.0094	.0038	.0022	.0017	--	--	--	--	--	--	--	.937	.000	.009	.00	-.15	-.08			

IPEDS: 236939

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics^g Washington State University

Seniors

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	WSU	WSU	Public RUH - WICHE	RUH Land-grant	Public RUH	WSU	Public RUH - WICHE	RUH Land-grant	Public RUH	WSU	Public RUH - WICHE	RUH Land-grant	Public RUH	Comparisons with:			Comparisons with:			Comparisons with:		
														Public RUH - WICHE	RUH Land-grant	Public RUH	Public RUH - WICHE	RUH Land-grant	Public RUH	Public RUH - WICHE	RUH Land-grant	Public RUH
1 a. askquest	2,127	3.01	2.93	2.89	2.93	.018	.010	.006	.004	.85	.88	.89	.89	3,352	2,631	2,346	.000	.000	.000	.10	.14	.09
b. CLaskhelp	2,119	2.61	2.50	2.56	2.53	.021	.010	.007	.004	.95	.94	.94	.93	10,529	22,533	47,642	.000	.008	.000	.12	.06	.08
c. CLexplain	2,116	2.72	2.69	2.74	2.73	.019	.009	.006	.004	.88	.87	.87	.88	10,511	22,483	47,497	.171	.384	.562	.03	-.02	-.01
d. CLstudy	2,105	2.45	2.37	2.41	2.44	.022	.011	.007	.005	1.02	1.00	1.00	1.01	3,217	22,320	47,208	.000	.048	.510	.09	.05	.01
e. CLproject	2,101	2.99	2.87	2.93	2.90	.019	.010	.006	.004	.89	.91	.90	.91	3,275	2,565	2,310	.000	.002	.000	.14	.07	.10
f. present	2,099	2.65	2.49	2.53	2.58	.021	.010	.007	.004	.94	.93	.93	.95	10,408	22,166	46,938	.000	.000	.002	.17	.12	.07
2 a. RIintegrate	2,089	3.08	2.95	2.95	2.96	.017	.009	.006	.004	.79	.83	.84	.85	3,375	2,610	2,322	.000	.000	.000	.16	.15	.15
b. RIsocietal	2,083	2.87	2.76	2.72	2.75	.020	.010	.007	.004	.90	.93	.92	.93	3,300	2,565	2,294	.000	.000	.000	.12	.16	.13
c. RIdiverse	2,068	2.68	2.62	2.57	2.61	.022	.011	.007	.005	.99	.98	.98	1.00	10,217	21,552	45,702	.011	.000	.001	.06	.12	.07
d. Rlownview	2,070	2.95	2.79	2.79	2.82	.017	.009	.006	.004	.79	.85	.84	.85	3,398	2,601	2,303	.000	.000	.000	.20	.20	.15
e. Rlperspect	2,043	3.04	2.91	2.93	2.95	.018	.009	.006	.004	.79	.83	.83	.82	3,287	2,548	2,258	.000	.000	.000	.16	.13	.10
f. RInewview	2,027	3.08	2.98	2.94	2.98	.017	.009	.006	.004	.77	.81	.80	.80	9,945	2,534	43,798	.000	.000	.000	.13	.17	.13
g. RIconnect	2,020	3.25	3.19	3.19	3.20	.016	.008	.005	.004	.71	.74	.73	.73	9,877	20,237	43,300	.001	.000	.001	.08	.09	.07
3 a. SFcareer	2,024	2.50	2.29	2.36	2.41	.021	.011	.007	.005	.97	.96	.97	.98	3,128	20,193	43,215	.000	.000	.000	.23	.15	.10
b. SFotherwork	2,020	2.04	1.90	1.99	2.01	.023	.011	.008	.005	1.05	.99	1.02	1.03	3,002	2,462	2,213	.000	.055	.169	.14	.05	.03
c. SFdiscuss	2,012	2.19	2.10	2.15	2.17	.021	.010	.007	.005	.96	.92	.94	.96	3,035	2,466	42,644	.000	.051	.337	.10	.05	.02
d. SFperform	2,016	2.23	2.06	2.06	2.14	.020	.010	.007	.005	.89	.90	.93	.94	3,173	19,957	2,244	.000	.000	.000	.19	.18	.10
4 a. memorize	2,014	2.85	2.71	2.78	2.80	.019	.010	.007	.004	.84	.89	.90	.89	3,266	2,557	2,242	.000	.000	.008	.17	.09	.06
b. HOapply	2,001	3.13	3.06	3.09	3.09	.017	.009	.006	.004	.75	.81	.80	.80	9,701	19,701	42,039	.000	.020	.016	.09	.05	.06
c. HOanalyze	1,993	3.10	3.01	3.02	3.05	.017	.009	.006	.004	.78	.81	.82	.82	9,627	19,484	2,219	.000	.000	.009	.11	.09	.06
d. HOevaluate	1,992	2.98	2.84	2.82	2.90	.019	.010	.007	.004	.84	.89	.91	.89	3,248	2,555	2,222	.000	.000	.000	.16	.18	.09
e. HOform	1,985	3.06	2.94	2.90	2.97	.018	.009	.006	.004	.79	.83	.84	.84	9,561	2,526	2,213	.000	.000	.000	.15	.19	.11
5 a. ETgoals	1,981	3.12	3.05	3.11	3.14	.017	.009	.006	.004	.77	.78	.77	.77	3,121	19,112	40,953	.000	.547	.202	.09	.01	-.03
b. ETorganize	1,980	3.08	2.98	3.04	3.05	.018	.009	.006	.004	.79	.81	.80	.82	9,513	19,055	40,833	.000	.073	.115	.12	.04	.04
c. ETexample	1,979	3.09	3.06	3.12	3.11	.018	.009	.006	.004	.81	.81	.79	.82	9,489	19,023	40,716	.080	.105	.394	.04	-.04	-.02
d. ETdraftfb	1,971	2.87	2.67	2.72	2.78	.020	.011	.007	.005	.91	.94	.95	.95	3,160	2,504	2,199	.000	.000	.000	.22	.16	.10
e. ETfeedback	1,963	2.84	2.68	2.70	2.76	.019	.010	.007	.005	.86	.88	.90	.91	3,125	2,482	2,190	.000	.000	.000	.19	.16	.09
f. eterriteria	1,960	3.07	2.94	2.98	3.03	.018	.009	.006	.004	.80	.81	.83	.82	9,414	18,741	40,183	.000	.000	.036	.15	.11	.05
g. etreview	1,955	3.09	2.97	3.01	3.05	.017	.009	.006	.004	.77	.80	.80	.80	9,402	18,655	40,070	.000	.000	.036	.15	.10	.05
h. etprefer	1,948	2.74	2.66	2.70	2.74	.020	.010	.007	.004	.87	.86	.87	.87	9,382	18,678	39,995	.000	.061	.790	.10	.04	.01
i. etdemonstrate	1,952	3.19	3.11	3.13	3.12	.017	.009	.006	.004	.76	.78	.79	.80	9,382	18,633	39,940	.000	.001	.000	.10	.08	.09

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics^g Washington State University

Seniors

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	WSU	WSU	Public RUW - WICHE	RUW Land-grant	Public RUW	WSU	Public RUW - WICHE	RUW Land-grant	Public RUW	WSU	Public RUW - WICHE	RUW Land-grant	Public RUW	Comparisons with:			Comparisons with:			Comparisons with:		
														Public RUW - WICHE	RUW Land-grant	Public RUW	Public RUW - WICHE	RUW Land-grant	Public RUW	Public RUW - WICHE	RUW Land-grant	Public RUW
6 a. QRconclude	1,944	2.84	2.72	2.72	2.72	.019	.011	.007	.005	.86	.92	.91	.91	3,223	2,485	2,179	.000	.000	.000	.13	.13	.13
b. QRproblem	1,942	2.61	2.52	2.52	2.52	.022	.011	.008	.005	.95	.97	.97	.98	9,281	18,231	2,159	.000	.000	.000	.09	.09	.09
c. QRevaluate	1,934	2.63	2.56	2.56	2.54	.021	.011	.007	.005	.90	.92	.92	.93	3,089	18,145	2,155	.005	.003	.000	.07	.07	.09
7 a. wrshortnum	1,935	7.96	7.19	6.89	6.92	.150	.075	.051	.033	6.59	6.43	6.47	6.44	9,246	18,067	38,892	.000	.000	.000	.12	.16	.16
b. wrmednum	1,929	3.79	3.19	2.92	3.14	.104	.050	.033	.023	4.57	4.23	4.13	4.40	2,863	2,321	2,119	.000	.000	.000	.14	.21	.15
c. wrlongnum	1,935	2.13	1.78	1.65	1.88	.089	.042	.028	.020	3.90	3.57	3.54	3.90	2,853	2,334	2,142	.000	.000	.006	.10	.13	.06
— wrpages	1,922	86.23	73.67	68.30	73.74	2.250	1.075	.713	.514	98.64	91.61	90.10	98.40	2,858	2,323	2,126	.000	.000	.000	.13	.20	.13
8 a. DDrace	1,928	3.12	2.92	3.05	3.12	.020	.011	.007	.005	.87	.92	.88	.88	3,152	18,036	38,773	.000	.001	.844	.22	.08	.00
b. DDeconomic	1,923	3.11	2.92	3.05	3.09	.019	.010	.007	.004	.84	.87	.84	.86	9,203	17,977	38,704	.000	.002	.334	.23	.07	.02
c. DDreligion	1,925	2.98	2.88	2.97	3.00	.020	.011	.007	.005	.90	.91	.90	.92	3,047	17,956	38,646	.000	.571	.541	.12	.01	-.01
d. DDpolitical	1,927	2.92	2.74	2.88	2.87	.021	.011	.007	.005	.91	.92	.91	.94	3,067	17,938	2,148	.000	.123	.032	.20	.04	.05
e. ddsexorient	1,927	2.92	2.84	2.84	2.90	.021	.011	.008	.005	.93	.93	.96	.96	9,193	2,447	2,148	.000	.000	.297	.09	.09	.02
f. ddcountry	1,923	2.77	2.62	2.70	2.80	.021	.011	.007	.005	.93	.91	.93	.94	9,195	17,985	38,658	.000	.005	.095	.16	.07	-.04
9 a. LSreading	1,923	3.06	2.94	2.96	3.01	.018	.010	.007	.004	.81	.84	.85	.83	3,122	2,461	38,378	.000	.000	.009	.14	.13	.06
b. LSnotes	1,921	2.93	2.72	2.79	2.86	.020	.011	.007	.005	.89	.94	.94	.92	3,150	2,462	2,142	.000	.000	.001	.22	.15	.08
c. LSsummary	1,920	2.91	2.73	2.79	2.88	.019	.010	.007	.005	.85	.89	.90	.88	3,130	2,474	2,143	.000	.000	.151	.20	.13	.03
10 challenge	1,901	5.36	5.36	5.37	5.39	.030	.016	.010	.007	1.33	1.32	1.27	1.31	9,102	2,340	38,094	.959	.782	.226	.00	-.01	-.03
11 a. intern ^l	1,908	48%	49%	57%	53%	.0114	.0059	.0039	.0026	--	--	--	--	--	--	--	.387	.000	.000	-.02	-.18	-.11
b. leader ^l	1,898	31%	32%	43%	37%	.0106	.0055	.0039	.0025	--	--	--	--	--	--	--	.316	.000	.000	-.03	-.26	-.14
c. learncom ^l	1,893	23%	22%	27%	26%	.0097	.0049	.0035	.0023	--	--	--	--	--	--	--	.314	.003	.027	.03	-.07	-.05
d. abroad ^l	1,897	7%	9%	11%	12%	.0059	.0034	.0025	.0017	--	--	--	--	--	--	--	.019	.000	.000	-.06	-.14	-.16
e. research ^l	1,896	21%	25%	28%	26%	.0094	.0051	.0036	.0023	--	--	--	--	--	--	--	.000	.000	.000	-.09	-.16	-.11
f. capstone ^l	1,892	60%	43%	44%	43%	.0112	.0059	.0039	.0026	--	--	--	--	--	--	--	.000	.000	.000	.34	.34	.35
12 servcourse	1,885	1.72	1.60	1.58	1.64	.016	.008	.005	.004	.71	.67	.66	.70	9,035	17,611	2,087	.000	.000	.000	.18	.21	.12
13 a. QIstudent	1,870	5.63	5.41	5.61	5.61	.030	.016	.010	.007	1.31	1.34	1.26	1.30	8,972	2,295	37,360	.000	.591	.514	.17	.01	.02
b. QIadvisor	1,881	5.32	5.23	5.24	5.09	.039	.020	.014	.009	1.71	1.71	1.70	1.78	8,956	17,477	37,277	.056	.071	.000	.05	.04	.13
c. QIfaculty	1,874	5.45	5.35	5.42	5.43	.031	.016	.010	.007	1.36	1.37	1.31	1.35	8,988	2,308	37,460	.007	.324	.467	.07	.02	.02
d. QIstaff	1,490	5.11	4.89	5.06	4.99	.041	.022	.014	.009	1.60	1.71	1.60	1.64	2,436	14,916	31,579	.000	.252	.007	.13	.03	.07
e. QIadmin	1,701	5.06	4.76	4.93	4.87	.040	.021	.014	.009	1.66	1.71	1.62	1.69	2,737	15,645	33,998	.000	.003	.000	.18	.08	.11

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics^g Washington State University

Seniors

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	WSU	WSU	Public RUVH - WICHE	RUVH Land-grant	Public RUVH	WSU	Public RUVH - WICHE	RUVH Land-grant	Public RUVH	WSU	Public RUVH - WICHE	RUVH Land-grant	Public RUVH	Comparisons with:			Comparisons with:			Comparisons with:		
														Public RUVH - WICHE	RUVH Land-grant	Public RUVH	Public RUVH - WICHE	RUVH Land-grant	Public RUVH	Public RUVH - WICHE	RUVH Land-grant	Public RUVH
14 a. empstudy	1,879	3.12	3.10	3.15	3.10	.017	.009	.006	.004	.75	.76	.76	.77	9,014	2,362	37,577	.245	.084	.291	.03	-.04	.03
b. SEacademic	1,878	2.85	2.74	2.83	2.84	.019	.010	.007	.004	.82	.85	.83	.85	3,007	17,565	2,091	.000	.322	.714	.12	.02	.01
c. SElearnsup	1,878	2.71	2.63	2.75	2.77	.021	.011	.007	.005	.93	.91	.91	.92	8,998	17,515	37,468	.001	.123	.006	.09	-.04	-.07
d. SEdiverse	1,871	2.57	2.47	2.56	2.64	.022	.012	.008	.005	.97	.97	.95	.96	8,984	17,513	37,441	.000	.593	.001	.11	.01	-.08
e. SEsocial	1,872	2.77	2.65	2.86	2.85	.021	.011	.007	.005	.91	.89	.88	.89	8,977	2,310	2,066	.000	.000	.000	.14	-.10	-.09
f. SEwellness	1,871	2.64	2.61	2.72	2.71	.021	.011	.007	.005	.91	.92	.93	.93	8,965	17,447	37,423	.176	.001	.003	.04	-.08	-.07
g. SEonacad	1,869	2.07	1.92	2.00	2.08	.022	.011	.007	.005	.96	.91	.93	.97	2,825	2,316	37,370	.000	.001	.664	.16	.08	-.01
h. SEactivities	1,871	2.62	2.57	2.83	2.75	.022	.011	.007	.005	.97	.92	.90	.93	2,813	2,272	2,057	.044	.000	.000	.05	-.23	-.15
i. SEevents	1,872	2.25	2.23	2.26	2.31	.022	.011	.007	.005	.94	.89	.92	.95	2,833	2,321	37,337	.352	.662	.018	.02	-.01	-.06
15 a. sbmyself	1,869	3.23	3.14	3.25	3.26	.017	.009	.006	.004	.73	.76	.73	.72	8,963	17,453	37,315	.000	.143	.045	.12	-.04	-.05
b. sbvalued	1,872	2.87	2.68	2.80	2.85	.020	.010	.007	.005	.85	.88	.86	.86	3,032	2,361	37,304	.000	.002	.484	.21	.07	.02
c. sbcommunity	1,869	2.94	2.77	2.96	2.95	.019	.010	.007	.004	.82	.84	.82	.82	2,987	17,454	37,341	.000	.295	.389	.20	-.03	-.02
16 a. tmprephrs	1,866	16.07	16.84	16.41	15.79	.207	.106	.072	.047	8.93	8.94	9.01	8.83	8,940	17,434	37,233	.001	.128	.177	-.09	-.04	.03
b. tmcocurrhrs	1,859	4.85	4.54	5.62	5.59	.164	.078	.055	.038	7.08	6.59	6.81	7.07	2,760	17,405	37,167	.087	.000	.000	.05	-.11	-.10
c. tmworkonhrs	1,859	3.82	4.53	4.74	3.91	.165	.093	.062	.038	7.10	7.86	7.73	7.20	3,161	2,416	37,181	.000	.000	.607	-.09	-.12	-.01
d. tmworkoffhrs	1,866	9.67	11.03	8.05	9.95	.286	.143	.086	.063	12.34	12.01	10.76	11.87	8,930	2,217	2,051	.000	.000	.345	-.11	.15	-.02
— tmworkhrs	1,856	13.42	15.55	12.76	13.82	.303	.150	.095	.068	13.04	12.63	11.77	12.72	2,838	2,232	2,045	.000	.038	.192	-.17	.06	-.03
e. tmservicehrs	1,862	2.81	2.59	2.42	2.75	.124	.059	.038	.027	5.35	4.93	4.71	5.14	2,749	2,219	37,190	.096	.003	.587	.05	.08	.01
f. tmrelaxhrs	1,865	11.47	11.78	12.78	12.13	.196	.094	.066	.044	8.48	7.90	8.24	8.28	2,776	2,309	37,164	.150	.000	.001	-.04	-.16	-.08
g. tmcarehrs	1,864	5.00	3.31	2.26	3.47	.236	.096	.055	.045	10.18	8.07	6.85	8.36	2,512	2,071	1,998	.000	.000	.000	.20	.38	.18
h. tmcommutehrs	1,858	4.37	5.17	4.73	5.05	.112	.060	.038	.029	4.82	5.01	4.75	5.43	3,000	17,387	2,114	.000	.002	.000	-.16	-.08	-.13
17 reading	1,855	2.58	2.61	2.40	2.51	.027	.014	.009	.006	1.14	1.17	1.16	1.17	8,903	17,323	37,024	.298	.000	.016	-.03	.16	.06
— tmreadinghrs	1,849	6.76	6.89	5.98	6.26	.144	.071	.044	.031	6.18	5.96	5.49	5.85	2,817	2,212	2,026	.415	.000	.001	-.02	.14	.08

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics^g

Washington State University

Seniors

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j				Significance ^k				Effect size ^e			
	WSU	WSU	Public RUVH - WICHE	RUVH Land-grant	Public RUVH	WSU	Public RUVH - WICHE	RUVH Land-grant	Public RUVH	WSU	Public RUVH - WICHE	RUVH Land-grant	Public RUVH	Comparisons with:			Comparisons with:			Comparisons with:					
														Public RUVH - WICHE	RUVH Land-grant	Public RUVH	Public RUVH - WICHE	RUVH Land-grant	Public RUVH	Public RUVH - WICHE	RUVH Land-grant	Public RUVH			
18 a. pgwrite	1,858	3.05	2.89	2.91	2.95	.020	.011	.007	.005	.86	.89	.89	.89	3,012	2,371	2,075	.000	.000	.000	.18	.16	.11			
b. pgspeak	1,857	2.88	2.74	2.82	2.90	.021	.011	.008	.005	.92	.93	.95	.92	2,928	2,355	37,003	.000	.006	.443	.16	.07	-.02			
c. pgthink	1,854	3.33	3.25	3.31	3.30	.017	.010	.006	.004	.75	.80	.78	.78	3,064	2,364	2,072	.000	.185	.043	.11	.03	.05			
d. pganalyze	1,858	3.06	2.96	3.03	3.00	.021	.011	.007	.005	.90	.95	.92	.94	3,031	17,307	37,002	.000	.177	.004	.11	.03	.07			
e. pgwork	1,852	2.92	2.75	2.92	2.94	.022	.012	.008	.005	.94	.98	.96	.95	2,995	17,314	36,992	.000	.936	.382	.18	.00	-.02			
f. pgothers	1,856	3.08	2.92	3.05	3.07	.020	.011	.007	.005	.87	.89	.86	.86	8,911	17,315	36,986	.000	.220	.608	.19	.03	.01			
g. pgvalues	1,854	2.79	2.58	2.72	2.78	.023	.012	.008	.005	.97	.99	.99	.99	2,947	2,334	36,999	.000	.002	.500	.21	.08	.02			
h. pgdiverse	1,856	2.84	2.68	2.80	2.89	.022	.012	.008	.005	.96	.97	.96	.95	2,941	17,302	37,000	.000	.134	.023	.16	.04	-.05			
i. pgprobolve	1,856	2.90	2.78	2.89	2.90	.021	.011	.008	.005	.93	.94	.93	.94	2,946	17,330	37,031	.000	.891	.904	.13	.00	.00			
j. pgcitizen	1,858	2.67	2.56	2.64	2.70	.023	.012	.008	.005	.99	.99	.99	1.00	8,922	17,338	37,081	.000	.164	.313	.12	.03	-.02			
19 evalexp	1,863	3.12	3.06	3.20	3.18	.018	.010	.006	.004	.80	.80	.78	.78	8,937	2,308	37,166	.008	.000	.002	.07	-.10	-.08			
20 sameinst	1,872	3.16	3.11	3.26	3.22	.019	.010	.007	.004	.84	.83	.81	.83	2,912	17,484	37,434	.013	.000	.005	.06	-.12	-.07			

IPEDS: 236939

Endnotes

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