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# NSSE 2021

## Frequencies and Statistical Comparisons

Washington State University

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# NSSE 2021 Frequencies and Statistical Comparisons

## About This Report

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

- Class level:** As reported by your institution.
  - Item numbers:** Numbering corresponds to the survey 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](https://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 tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests. Exceptions are items 11 a-f which are compared using a  $z$ -test.

### NSSE Frequencies and Statistical Comparisons

#### NSSEville State University

		Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>									
		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State	Admissions Overlap		Carnegie UG Program		NSSE Cohort				
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	3	0	244	2	54	2	6,952	3	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	212	33	5,947	37	1,086	38	81,724	35								
		4	Very often	280	46	5,440	34	889	31	66,983	29								
		Total		630	100	16,028	100	2,874	100	230,881	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
		2	Sometimes	267	42	5,959	37	978	34	79,495	34								
		3	Often	164	26	4,548	29	858	31	57,348	29								
		4	Very often	113	19	3,072	20	1	1	17,208	21								
		Total		626	100	16,948	100	1,851	100	229,541	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6	3.1	3.1	.02	3.1	-.04	3.0	.06	
		2	Sometimes	56	9	1,666	11	262	10	28,134	13								
		3	Often	384	63	9,147	57	1,586	57	128,802	56								
		4	Very often	150	24	4,267	27	851	29	58,873	26								
		Total		615	100	15,858	100	2,833	100	228,352	100								

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

8. **Key to symbols:**

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

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

# NSSE 2021 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your first-year students compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
<b>1. During the current school year, about how often have you done the following?</b>																	
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	36	4	761	4	<b>2.6</b>	2.7 **	-0.09	▽						
		2	Sometimes	460	45	7,968	41										
		3	Often	356	34	6,923	34										
		4	Very often	182	17	4,265	21										
		Total		1,034	100	19,917	100										
b. Asked another student to help you understand course material	CLaskhelp	1	Never	200	21	2,986	17	<b>2.3</b>	2.4 ***	-0.11	▽						
		2	Sometimes	425	41	8,240	42										
		3	Often	270	26	5,529	27										
		4	Very often	132	12	3,017	15										
		Total		1,027	100	19,772	100										
c. Explained course material to one or more students	CLexplain	1	Never	122	13	2,312	13	<b>2.3</b>	2.4 ***	-0.11	▽						
		2	Sometimes	525	51	8,716	45										
		3	Often	265	26	6,073	30										
		4	Very often	115	10	2,646	13										
		Total		1,027	100	19,747	100										
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	371	37	5,217	28	<b>2.0</b>	2.2 ***	-0.18	▽						
		2	Sometimes	355	34	7,470	38										
		3	Often	215	20	4,616	22										
		4	Very often	87	8	2,356	11										
		Total		1,028	100	19,659	100										
e. Worked with other students on course projects or assignments	CLproject	1	Never	135	14	2,700	15	<b>2.3</b>	2.4	-0.05							
		2	Sometimes	510	49	8,724	45										
		3	Often	271	26	5,668	28										
		4	Very often	106	10	2,455	12										
		Total		1,022	100	19,547	100										
f. Given a course presentation	present	1	Never	367	36	5,754	30	<b>1.8</b>	2.0 ***	-0.19	▽						
		2	Sometimes	482	47	8,817	46										
		3	Often	136	13	3,658	18										
		4	Very often	36	4	1,296	6										
		Total		1,021	100	19,525	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.

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your first-year students compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
<b>2. During the current school year, about how often have you done the following?</b>																	
a. Combined ideas from different courses when completing assignments	RIntegrate	1	Never	98	10	2,162	12	<b>2.5</b>	2.5	.02							
		2	Sometimes	420	43	7,911	41										
		3	Often	367	36	6,703	34										
		4	Very often	120	11	2,476	12										
		Total		1,005	100	19,252	100										
b. Connected your learning to societal problems or issues	RSocietal	1	Never	77	8	2,090	13	<b>2.6</b>	2.5 **	.08							
		2	Sometimes	395	42	7,469	40										
		3	Often	368	36	6,611	33										
		4	Very often	163	15	2,906	14										
		Total		1,003	100	19,076	100										
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	85	9	2,046	13	<b>2.6</b>	2.5 **	.08							
		2	Sometimes	368	38	6,983	38										
		3	Often	355	35	6,544	33										
		4	Very often	189	18	3,320	17										
		Total		997	100	18,893	100										
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlowview	1	Never	53	6	1,108	7	<b>2.7</b>	2.7	.01							
		2	Sometimes	335	34	6,023	33										
		3	Often	431	43	8,196	43										
		4	Very often	171	17	3,320	18										
		Total		990	100	18,647	100										
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	30	3	702	5	<b>2.8</b>	2.9	-.02							
		2	Sometimes	302	32	5,032	28										
		3	Often	433	43	8,433	45										
		4	Very often	218	22	4,146	22										
		Total		983	100	18,313	100										
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	40	4	774	5	<b>2.8</b>	2.8	.06							
		2	Sometimes	286	31	5,900	34										
		3	Often	450	45	7,777	42										
		4	Very often	198	19	3,573	19										
		Total		974	100	18,024	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				WSU				Public RUVH-Carn ('21)				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	17	2	356	2	<b>3.0</b>	3.0	-03										
		2	Sometimes	226	24	4,028	23													
		3	Often	473	50	8,731	48													
		4	Very often	242	24	4,683	26													
		Total		958	100	17,798	100													
<b>3. During the current school year, about how often have you done the following?</b>																				
a. Talked about career plans with a faculty member	SFcareer	1	Never	189	21	4,204	25	<b>2.3</b>	2.2 **	.09	△									
		2	Sometimes	422	44	7,816	44													
		3	Often	226	24	3,830	21													
		4	Very often	118	11	1,922	10													
		Total		955	100	17,772	100													
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	557	59	9,723	56	<b>1.6</b>	1.6	-04										
		2	Sometimes	243	25	4,943	28													
		3	Often	107	11	2,089	11													
		4	Very often	45	4	903	5													
		Total		952	100	17,658	100													
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	431	45	7,511	44	<b>1.8</b>	1.8	-03										
		2	Sometimes	334	35	6,461	37													
		3	Often	138	15	2,516	14													
		4	Very often	44	4	987	5													
		Total		947	100	17,475	100													
d. Discussed your academic performance with a faculty member	SFperform	1	Never	311	34	5,509	32	<b>1.9</b>	2.0	-06										
		2	Sometimes	447	46	7,779	45													
		3	Often	143	15	3,106	17													
		4	Very often	49	5	1,085	6													
		Total		950	100	17,479	100													
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																				
a. Memorizing course material	memorize	1	Very little	65	6	808	5	<b>2.8</b>	2.9 ***	-14	▽									
		2	Some	292	31	4,550	27													
		3	Quite a bit	394	42	7,686	44													
		4	Very much	191	20	4,315	25													
		Total		942	100	17,359	100													

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

# NSSE 2021 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				WSU				Public RUVH-Carn ('21)			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	44	4	804	5	<b>2.8</b>	2.9 **	-0.09	▽								
		2	Some	296	32	4,510	27												
		3	Quite a bit	424	45	7,876	45												
		4	Very much	179	19	4,065	23												
		Total		943	100	17,255	100												
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	50	5	798	5	<b>2.8</b>	2.8	-0.06									
		2	Some	290	31	4,696	28												
		3	Quite a bit	399	43	7,606	44												
		4	Very much	196	20	3,950	23												
		Total		935	100	17,050	100												
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	38	4	821	6	<b>2.8</b>	2.8	.02									
		2	Some	243	27	4,594	28												
		3	Quite a bit	465	49	7,644	44												
		4	Very much	187	20	3,927	22												
		Total		933	100	16,986	100												
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	33	4	758	5	<b>2.8</b>	2.8	.00									
		2	Some	261	28	4,614	28												
		3	Quite a bit	457	49	7,733	45												
		4	Very much	181	19	3,800	21												
		Total		932	100	16,905	100												
<b>5. During the current school year, to what extent have your instructors done the following?</b>																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	29	3	538	4	<b>2.9</b>	3.0	-0.03									
		2	Some	232	25	3,936	24												
		3	Quite a bit	429	47	7,633	45												
		4	Very much	238	25	4,673	28												
		Total		928	100	16,780	100												
b. Taught course sessions in an organized way	ETorganize	1	Very little	42	5	932	6	<b>2.9</b>	2.9	.04									
		2	Some	224	24	4,290	26												
		3	Quite a bit	443	48	7,376	43												
		4	Very much	215	23	4,138	25												
		Total		924	100	16,736	100												

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

# NSSE 2021 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Statistical Comparisons			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	48	5	880	6	<b>2.9</b>	2.9	.01					
		2	Some	251	26	4,433	26								
		3	Quite a bit	391	43	7,088	42								
		4	Very much	232	25	4,297	26								
		Total		922	100	16,698	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	85	9	1,690	11	<b>2.7</b>	2.7	.01					
		2	Some	327	35	5,386	32								
		3	Quite a bit	315	34	5,943	35								
		4	Very much	193	21	3,648	22								
		Total		920	100	16,667	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	120	13	2,058	13	<b>2.5</b>	2.5 *	-0.07	▽				
		2	Some	356	39	5,945	36								
		3	Quite a bit	315	35	5,723	34								
		4	Very much	123	13	2,853	17								
		Total		914	100	16,579	100								
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	44	5	787	5	<b>2.9</b>	2.9	-0.01					
		2	Some	238	26	4,346	26								
		3	Quite a bit	415	46	7,189	43								
		4	Very much	210	24	4,184	26								
		Total		907	100	16,506	100								
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	32	4	716	5	<b>2.9</b>	2.9	.02					
		2	Some	258	28	4,294	26								
		3	Quite a bit	396	44	7,484	45								
		4	Very much	219	24	3,934	24								
		Total		905	100	16,428	100								
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	131	14	2,260	15	<b>2.4</b>	2.5	-0.02					
		2	Some	353	39	6,199	37								
		3	Quite a bit	311	34	5,659	34								
		4	Very much	107	12	2,270	13								
		Total		902	100	16,388	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Statistical Comparisons					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	27	3	520	4	<b>3.0</b>	3.1	-0.3							
		2	Some	189	22	3,226	20										
		3	Quite a bit	402	45	7,190	44										
		4	Very much	285	31	5,418	33										
		Total		903	100	16,354	100										
<b>6. During the current school year, about how often have you done the following?</b>																	
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	99	11	1,368	9	<b>2.6</b>	2.6 *	-0.8	▽						
		2	Sometimes	339	37	5,977	37										
		3	Often	337	38	6,169	38										
		4	Very often	121	14	2,587	16										
		Total		896	100	16,101	100										
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public	QRproblem	1	Never	146	16	2,757	18	<b>2.3</b>	2.4	-0.1							
		2	Sometimes	389	43	6,362	40										
		3	Often	266	30	4,949	30										
		4	Very often	92	10	1,959	12										
		Total		893	100	16,027	100										
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	145	16	2,558	17	<b>2.3</b>	2.4	-0.06							
		2	Sometimes	407	46	6,620	42										
		3	Often	261	30	5,056	31										
		4	Very often	75	8	1,722	11										
		Total		888	100	15,956	100										
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</b>																	
a. Up to 5 pages <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	wrshortnum	0	None	35	4	1,157	7	<b>8.1</b>	6.4 ***	.28	△						
		1.5	1-2	155	17	3,553	22										
		4	3-5	235	26	5,072	31										
		8	6-10	209	24	3,231	21										
		13	11-15	125	14	1,543	10										
		18	16-20	47	5	615	4										
		23	More than 20	80	9	747	5										
		Total		886	100	15,918	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.



### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				WSU				Public RUVH-Carn ('21)			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Between 6 and 10 pages	wrmednum	0	None	276	32	6,601	41	<b>2.6</b>	2.2 **	.12	△								
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	351	39	5,395	34												
		4	3-5	158	18	2,364	15												
		8	6-10	56	6	955	6												
		13	11-15	28	3	331	2												
		18	16-20	9	1	81	1												
		23	More than 20	8	1	136	1												
		Total	886	100	15,863	100													
c. 11 pages or more	wrlongnum	0	None	682	77	12,551	78	<b>1.0</b>	1.0	.01									
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	134	15	2,028	13												
		4	3-5	28	3	547	4												
		8	6-10	17	2	349	2												
		13	11-15	15	2	234	2												
		18	16-20	4	0	63	0												
		23	More than 20	8	1	122	1												
		Total	888	100	15,894	100													
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)					<b>60.1</b>	51.1 ***	.11	△								
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	62	7	897	6	<b>2.8</b>	2.9 ***	-.14	▽								
		2	Sometimes	296	34	4,484	29												
		3	Often	287	33	5,295	33												
		4	Very often	240	26	5,209	32												
			Total	885	100	15,885	100												
b. People from an economic background other than your own	DDeconomic	1	Never	55	7	936	6	<b>2.8</b>	2.9 **	-.11	▽								
		2	Sometimes	279	32	4,356	28												
		3	Often	349	39	5,968	37												
		4	Very often	202	22	4,595	28												
			Total	885	100	15,855	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Statistical Comparisons						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. People with religious beliefs other than your own	DDreligion	1	Never	91	11	1,283	9	2.7	2.8 ***	-0.14	▽							
		2	Sometimes	277	32	4,555	29											
		3	Often	314	36	5,341	33											
		4	Very often	201	22	4,663	29											
		Total		883	100	15,842	100											
d. People with political views other than your own	DDpolitical	1	Never	76	9	1,242	8	2.7	2.8 **	-0.09	▽							
		2	Sometimes	293	33	4,849	31											
		3	Often	295	33	5,127	32											
		4	Very often	221	25	4,643	29											
		Total		885	100	15,861	100											
<b>9. During the current school year, about how often have you done the following?</b>																		
a. Identified key information from reading assignments	LSreading	1	Never	14	2	444	3	2.9	2.9	.01								
		2	Sometimes	225	26	3,940	26											
		3	Often	437	50	7,325	46											
		4	Very often	210	22	4,055	25											
		Total		886	100	15,764	100											
b. Reviewed your notes after class	LSnotes	1	Never	58	7	815	6	2.7	2.9 ***	-0.12	▽							
		2	Sometimes	302	35	4,605	30											
		3	Often	296	34	5,797	36											
		4	Very often	230	24	4,535	28											
		Total		886	100	15,752	100											
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	64	8	926	7	2.7	2.8 ***	-0.13	▽							
		2	Sometimes	316	36	4,834	32											
		3	Often	329	38	6,232	38											
		4	Very often	174	18	3,760	23											
		Total		883	100	15,752	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				WSU				Public RUVH-Carn ('21)			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																			
	challenge	1	Not at all	16	2	164	1					<b>5.1</b>	5.2 *	-0.08	▽				
		2		12	1	280	2												
		3		56	6	971	6												
		4		141	16	2,218	14												
		5		307	35	5,270	33												
		6		211	24	3,736	23												
		7	Very much	143	15	3,029	19												
			Total	886	100	15,668	100												
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	141	16	2,067	14					<b>5%</b>	5%	-0.03					
			Do not plan to do	53	6	800	5												
			Plan to do	648	72	11,933	75												
			Done or in progress	40	5	838	5												
			Total	882	100	15,638	100												
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	285	34	4,414	29					<b>8%</b>	8%	.01					
			Do not plan to do	207	24	3,463	23												
			Plan to do	311	34	6,411	40												
			Done or in progress	78	8	1,316	8												
			Total	881	100	15,604	100												
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	348	40	5,262	35					<b>4%</b>	11% ***	-0.26	▽				
			Do not plan to do	211	25	3,876	26												
			Plan to do	281	31	4,763	29												
			Done or in progress	37	4	1,652	11												
			Total	877	100	15,553	100												
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	268	31	4,438	30					<b>1%</b>	2%	-0.03					
			Do not plan to do	273	33	4,036	27												
			Plan to do	326	35	6,832	41												
			Done or in progress	11	1	251	2												
			Total	878	100	15,557	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your first-year students compared with			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	344	40	5,905	39	<b>4%</b>	4%	-.01					
			Do not plan to do	228	25	3,495	22								
			Plan to do	275	31	5,537	35								
			Done or in progress	32	4	623	4								
			Total	879	100	15,560	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	277	33	5,742	38	<b>2%</b>	2%	.05					
			Do not plan to do	79	9	1,729	11								
			Plan to do	495	56	7,802	49								
			Done or in progress	22	2	269	2								
			Total	873	100	15,542	100								
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>															
	servcourse	1	None	492	57	9,070	60	<b>1.5</b>	1.5	.04					
			2	Some	333	38	5,375								34
			3	Most	41	4	809								5
			4	All	7	1	189								1
			Total	873	100	15,443	100								
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>															
a. Students	QIstudent	1	Poor	37	4	443	3	<b>4.8</b>	5.1 ***	-.18					
			2		47	5	532								4
			3		77	9	1,051								7
			4		134	15	2,105								14
			5		236	26	3,959								25
			6		185	21	3,888								24
			7	Excellent	128	15	3,038								19
			—	Not applicable	31	4	442								3
Total	875	100	15,458	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				WSU				Public RUVH-Carn ('21)			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Academic advisors	Qladvisor	1	Poor	26	3	470	3	<b>5.3</b>	5.3	.02									
		2		34	3	671	4												
		3		70	8	1,065	7												
		4		113	13	1,939	12												
		5		165	19	3,009	19												
		6		178	21	3,352	22												
		7	Excellent	279	32	4,668	30												
		—	Not applicable	8	1	268	2												
	Total	873	100	15,442	100														
c. Faculty	Qlfaculty	1	Poor	27	3	384	3	<b>5.0</b>	5.1 **	-.10									
		2		41	4	485	3												
		3		71	8	994	7												
		4		143	16	2,297	15												
		5		216	25	4,052	26												
		6		215	25	4,055	26												
		7	Excellent	135	16	2,793	18												
		—	Not applicable	25	3	383	3												
	Total	873	100	15,443	100														
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	45	5	637	4	<b>4.6</b>	4.9 ***	-.22									
		2		53	6	715	5												
		3		82	9	1,103	7												
		4		118	14	2,137	14												
		5		133	15	3,141	20												
		6		119	13	2,883	18												
		7	Excellent	99	11	2,682	17												
		—	Not applicable	226	27	2,133	15												
	Total	875	100	15,431	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				WSU				Public RUVH-Carn ('21)			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	45	5	683	5	4.7	4.8 *	-0.09	▽	4.7	4.8 *	-0.09	▽	4.7	4.8 *	-0.09	
		2		67	7	730	5												
		3		78	9	1,245	8												
		4		108	12	2,426	16												
		5		166	19	3,242	20												
		6		140	16	2,849	18												
		7	Excellent	125	14	2,421	16												
		—	Not applicable	144	17	1,840	12												
	Total			873	100	15,436	100												
<b>14. How much does your institution emphasize the following?</b>																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	18	2	273	2	3.0	3.0	-0.04	3.0	3.0	-0.04	3.0	3.0	-0.04	3.0	3.0	-0.04
		2	Some	180	21	3,080	21												
		3	Quite a bit	432	50	7,398	47												
		4	Very much	243	27	4,628	30												
			Total	873	100	15,379	100												
b. Providing support to help students succeed academically	SEacademic	1	Very little	51	6	875	6	2.8	2.8	-0.05	2.8	2.8	-0.05	2.8	2.8	-0.05	2.8	2.8	-0.05
		2	Some	235	27	3,983	26												
		3	Quite a bit	407	47	6,753	44												
		4	Very much	176	20	3,730	24												
			Total	869	100	15,341	100												
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	97	11	1,220	8	2.8	2.9 **	-0.11	▽	2.8	2.9 **	-0.11	▽	2.8	2.9 **	-0.11	
		2	Some	201	23	3,540	23												
		3	Quite a bit	346	40	6,098	40												
		4	Very much	226	25	4,453	29												
			Total	870	100	15,311	100												
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	149	18	1,989	14	2.5	2.6 ***	-0.12	▽	2.5	2.6 ***	-0.12	▽	2.5	2.6 ***	-0.12	
		2	Some	282	32	4,756	32												
		3	Quite a bit	279	32	5,348	34												
		4	Very much	157	17	3,223	20												
			Total	867	100	15,316	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				WSU				Public RUVH-Carn ('21)			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Providing opportunities to be involved socially	SEsocial	1	Very little	153	18	1,901	14	<b>2.5</b>	2.6 ***	-0.16	▽								
		2	Some	279	33	4,589	30												
		3	Quite a bit	287	32	5,619	36												
		4	Very much	150	17	3,183	20												
		Total		869	100	15,292	100												
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	117	14	1,583	11	<b>2.6</b>	2.7 **	-0.11	▽								
		2	Some	269	31	4,526	30												
		3	Quite a bit	323	37	5,783	37												
		4	Very much	159	18	3,389	22												
		Total		868	100	15,281	100												
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	304	35	4,357	30	<b>2.0</b>	2.1 **	-0.09	▽								
		2	Some	309	35	5,801	38												
		3	Quite a bit	190	23	3,550	22												
		4	Very much	65	7	1,540	10												
		Total		868	100	15,248	100												
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	291	33	2,815	20	<b>2.2</b>	2.5 ***	-0.33	▽								
		2	Some	256	29	4,619	30												
		3	Quite a bit	223	26	5,058	32												
		4	Very much	96	11	2,769	18												
		Total		866	100	15,261	100												
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	243	29	3,359	24	<b>2.2</b>	2.3	-0.04									
		2	Some	285	32	5,733	38												
		3	Quite a bit	234	27	4,323	27												
		4	Very much	104	12	1,845	11												
		Total		866	100	15,260	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.

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>15. To what extent do you agree or disagree with the following statements?</b>																		
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	21	3	319	3	<b>3.1</b>	3.2 *	-07	▽							
		2	Disagree	76	9	1,316	9											
		3	Agree	532	60	8,587	56											
		4	Strongly agree	238	28	5,031	33											
		Total		867	100	15,253	100											
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	33	4	787	6	<b>2.9</b>	2.9 **	.10	△							
		2	Disagree	156	18	3,051	21											
		3	Agree	511	59	8,450	55											
		4	Strongly agree	167	19	2,938	18											
		Total		867	100	15,226	100											
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	50	6	807	6	<b>2.8</b>	2.9	-01								
		2	Disagree	191	22	3,272	23											
		3	Agree	457	52	7,966	51											
		4	Strongly agree	170	19	3,195	20											
		Total		868	100	15,240	100											
<b>16. About how many hours do you spend in a typical 7-day week doing the following?</b>																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	4	1	52	0	<b>16.1</b>	17.0 **	-10	▽							
		3	1-5 hrs	91	10	1,247	8											
		8	6-10 hrs	165	19	2,609	17											
		13	11-15 hrs	180	21	3,198	21											
		18	16-20 hrs	162	19	3,117	20											
		23	21-25 hrs	129	14	2,233	15											
		28	26-30 hrs	67	8	1,278	8											
		33	More than 30 hrs	68	8	1,462	10											
Total		866	100	15,196	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Statistical Comparisons			
				WSU		Public RUVH-Carn ('21)		WSU		Public RUVH-Carn ('21)		WSU		Public RUVH-Carn ('21)	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	423	50	6,100	41	<b>4.0</b>	4.6 *	▽	-.09				
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	252	27	4,724	30								
	8	6-10 hrs	88	10	2,203	14									
	13	11-15 hrs	47	6	1,089	7									
	18	16-20 hrs	27	3	535	4									
	23	21-25 hrs	11	1	283	2									
	28	26-30 hrs	5	0	91	1									
	33	More than 30 hrs	13	2	161	1									
	Total			866	100	15,186	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	818	94	13,324	88	<b>.7</b>	1.6 ***	▽	-.19				
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	12	1	275	2								
	8	6-10 hrs	7	1	409	3									
	13	11-15 hrs	19	2	529	3									
	18	16-20 hrs	7	1	367	2									
	23	21-25 hrs	3	0	180	1									
	28	26-30 hrs	0	0	31	0									
	33	More than 30 hrs	0	0	67	0									
	Total			866	100	15,182	100								
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	528	62	10,361	69	<b>6.1</b>	5.0 **	△	.12				
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	46	5	773	5								
	8	6-10 hrs	57	7	786	5									
	13	11-15 hrs	61	7	838	5									
	18	16-20 hrs	77	9	845	5									
	23	21-25 hrs	39	5	665	4									
	28	26-30 hrs	24	3	405	2									
	33	More than 30 hrs	31	4	517	3									
	Total			863	100	15,190	100								
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)					<b>6.8</b>	6.6		.01				

\*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 2021 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your first-year students compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	550	65	10,128	67	<b>1.9</b>	1.9	-0.01							
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	241	26	3,619	23										
	8	6-10 hrs	40	5	669	4											
	13	11-15 hrs	19	2	378	2											
	18	16-20 hrs	11	1	184	1											
	23	21-25 hrs	2	0	109	1											
	28	26-30 hrs	2	0	28	0											
	33	More than 30 hrs	2	0	60	0											
	Total		867	100	15,175	100											
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	18	2	229	2	<b>12.3</b>	13.1 *	-0.09	▽						
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	200	23	2,729	18										
	8	6-10 hrs	238	27	4,116	27											
	13	11-15 hrs	156	18	3,393	22											
	18	16-20 hrs	114	13	2,206	15											
	23	21-25 hrs	52	6	1,013	7											
	28	26-30 hrs	30	3	426	3											
	33	More than 30 hrs	55	7	1,072	7											
Total		863	100	15,184	100												
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	611	71	12,041	79	<b>2.4</b>	2.1	.06							
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	136	16	1,430	10										
	8	6-10 hrs	49	5	631	4											
	13	11-15 hrs	29	3	450	3											
	18	16-20 hrs	12	1	245	2											
	23	21-25 hrs	8	1	127	1											
	28	26-30 hrs	4	0	55	0											
	33	More than 30 hrs	17	2	197	1											
Total		866	100	15,176	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Statistical Comparisons							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	657	76	7,814	51	<b>1.4</b>	2.8 ***	-0.29	▽								
		3	1-5 hrs	150	17	5,270	35												
		8	6-10 hrs	29	3	1,137	8												
		13	11-15 hrs	14	2	477	3												
		18	16-20 hrs	10	1	218	1												
		23	21-25 hrs	3	0	126	1												
		28	26-30 hrs	2	0	42	0												
		33	More than 30 hrs	1	0	100	1												
		Total				866	100											15,184	100
		<hr/>																	
<b>17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																			
reading	tmreadinghrs	1	Very little	94	12	2,159	15	<b>2.6</b>	2.6	.02									
		2	Some	350	42	5,825	39												
		3	About half	243	27	4,125	27												
		4	Most	139	15	2,252	14												
		5	Almost all	36	4	780	5												
		Total				862	100											15,141	100
<hr/>																			
tmreadinghrscol <i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	tmreadinghrscol	1	0 hrs	4	1	52	0	<b>6.6</b>	6.9 *	-0.06	▽								
		2	More than zero, up to 5 hrs	439	52	7,306	49												
		3	More than 5, up to 10 hrs	245	29	4,568	30												
		4	More than 10, up to 15 hrs	79	8	1,560	10												
		5	More than 15, up to 20 hrs	58	6	835	5												
		6	More than 20, up to 25 hrs	34	4	552	4												
		7	More than 25 hrs	2	0	224	1												
		Total				861	100											15,097	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				WSU				Public RUVH-Carn ('21)			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																			
a. Writing clearly and effectively	pgwrite	1	Very little	73	9	1,370	10	<b>2.7</b>	2.7	.00									
		2	Some	282	33	4,671	31												
		3	Quite a bit	359	41	6,147	40												
		4	Very much	147	17	2,944	19												
		Total		861	100	15,132	100												
b. Speaking clearly and effectively	pgspeak	1	Very little	171	20	2,313	17	<b>2.3</b>	2.5 ***	-0.16	▽								
		2	Some	323	37	4,981	33												
		3	Quite a bit	261	30	5,174	33												
		4	Very much	106	12	2,651	16												
		Total		861	100	15,119	100												
c. Thinking critically and analytically	pgthink	1	Very little	35	4	655	5	<b>3.0</b>	3.0	.01									
		2	Some	191	22	3,212	22												
		3	Quite a bit	397	47	6,764	44												
		4	Very much	240	27	4,479	29												
		Total		863	100	15,110	100												
d. Analyzing numerical and statistical information	pganalyze	1	Very little	103	12	1,625	11	<b>2.6</b>	2.7	-0.05									
		2	Some	255	29	4,438	30												
		3	Quite a bit	362	43	5,748	38												
		4	Very much	142	16	3,298	22												
		Total		862	100	15,109	100												
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	164	19	2,624	19	<b>2.4</b>	2.5	-0.04									
		2	Some	298	33	4,996	33												
		3	Quite a bit	278	33	4,935	32												
		4	Very much	122	14	2,560	16												
		Total		862	100	15,115	100												
f. Working effectively with others	pgothers	1	Very little	120	15	1,881	14	<b>2.5</b>	2.6 *	-0.07	▽								
		2	Some	283	33	4,632	32												
		3	Quite a bit	325	37	5,651	36												
		4	Very much	134	15	2,956	19												
		Total		862	100	15,120	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				WSU				Public RUVH-Carn ('21)				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	152	19	2,226	17	<b>2.4</b>	2.5 **	-10	▽									
		2	Some	294	34	4,717	32													
		3	Quite a bit	290	33	5,442	35													
		4	Very much	126	14	2,723	17													
		Total		862	100	15,108	100													
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	110	13	1,734	13	<b>2.6</b>	2.6	-03										
		2	Some	271	32	4,499	30													
		3	Quite a bit	305	35	5,522	36													
		4	Very much	176	20	3,364	21													
		Total		862	100	15,119	100													
i. Solving complex real-world problems	pgprobsolve	1	Very little	122	14	2,042	15	<b>2.5</b>	2.5	-03										
		2	Some	325	38	5,113	34													
		3	Quite a bit	287	34	5,286	34													
		4	Very much	127	15	2,673	17													
		Total		861	100	15,114	100													
j. Being an informed and active citizen	pgcitizen	1	Very little	129	15	2,024	15	<b>2.5</b>	2.5	-05										
		2	Some	298	35	5,019	33													
		3	Quite a bit	307	36	5,275	34													
		4	Very much	124	14	2,815	18													
		Total		858	100	15,133	100													
<b>19. How would you evaluate your entire educational experience at this institution?</b>																				
	evalexp	1	Poor	43	5	531	4	<b>2.9</b>	3.0 **	-11	▽									
		2	Fair	171	20	2,855	20													
		3	Good	482	56	7,821	50													
		4	Excellent	169	19	3,942	25													
		Total		865	100	15,149	100													
<b>20. If you could start over again, would you go to the same institution you are now attending?</b>																				
	sameinst	1	Definitely no	23	3	445	3	<b>3.2</b>	3.2	.03										
		2	Probably no	90	11	1,954	13													
		3	Probably yes	431	50	7,101	47													
		4	Definitely yes	320	36	5,676	36													
		Total		864	100	15,176	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				WSU				Public RUVH-Carn ('21)				WSU		Public RUVH-Carn ('21)					
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>21. Do you intend to return to this institution next year?<sup>f</sup></b>																			
	returnexp	No		13	2	416	3					<b>91%</b>	91%	.00					
<i>(Means indicate the percentage who responded "Yes.")</i>		Yes		795	91	13,875	91												
		Not sure		58	7	912	6												
		Total		866	100	15,203	100												
<b>22. To what extent have the faculty and staff at your institution done a good job helping students adapt to the changes brought on by the COVID-19 pandemic?</b>																			
	covidexp	1	Very little	75	8	1,150	8				<b>2.8</b>	2.9 *	-.09						
		2	Some	224	26	3,531	24												
		3	Quite a bit	343	40	5,887	38												
		4	Very much	222	25	4,650	30												
		Total		864	100	15,218	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
<b>1. During the current school year, about how often have you done the following?</b>																	
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	44	3	1,120	5	<b>2.9</b>	2.9 **	.08	△						
		2	Sometimes	459	31	8,698	34										
		3	Often	519	35	8,184	32										
		4	Very often	451	30	7,533	29										
		Total		1,473	100	25,535	100										
b. Asked another student to help you understand course material	CLaskhelp	1	Never	212	16	4,444	18	<b>2.5</b>	2.4 ***	.11	△						
		2	Sometimes	570	39	10,392	41										
		3	Often	399	27	6,454	25										
		4	Very often	281	19	4,116	16										
		Total		1,462	100	25,406	100										
c. Explained course material to one or more students	CLexplain	1	Never	136	10	2,855	12	<b>2.6</b>	2.6	.04							
		2	Sometimes	589	40	9,818	39										
		3	Often	449	31	8,035	31										
		4	Very often	293	19	4,650	18										
		Total		1,467	100	25,358	100										
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	389	28	6,483	26	<b>2.3</b>	2.3	.03							
		2	Sometimes	445	30	8,704	35										
		3	Often	379	26	6,032	24										
		4	Very often	245	17	3,994	16										
		Total		1,458	100	25,213	100										
e. Worked with other students on course projects or assignments	CLproject	1	Never	103	7	2,660	11	<b>2.9</b>	2.7 ***	.17	△						
		2	Sometimes	422	29	8,078	32										
		3	Often	469	32	8,165	32										
		4	Very often	464	32	6,217	25										
		Total		1,458	100	25,120	100										
f. Given a course presentation	present	1	Never	201	14	4,545	18	<b>2.5</b>	2.4 ***	.11	△						
		2	Sometimes	559	38	9,944	40										
		3	Often	424	29	6,601	26										
		4	Very often	268	18	3,979	16										
		Total		1,452	100	25,069	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your seniors compared with					
				WSU		Public RUVH-Carn ('21)		WSU		Public RUVH-Carn ('21)		WSU		Public RUVH-Carn ('21)		Effect size <sup>e</sup>	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
<b>2. During the current school year, about how often have you done the following?</b>																	
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	48	4	1,509	6	<b>3.0</b>	2.8 ***	.14	△						
		2	Sometimes	364	25	7,401	30										
		3	Often	609	43	9,684	39										
		4	Very often	420	28	6,227	25										
		Total		1,441	100	24,821	100										
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	102	8	2,405	11	<b>2.7</b>	2.7 **	.08	△						
		2	Sometimes	458	33	8,148	33										
		3	Often	514	35	8,386	33										
		4	Very often	367	24	5,709	22										
		Total		1,441	100	24,648	100										
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	206	16	4,028	18	<b>2.6</b>	2.5 **	.07	△						
		2	Sometimes	457	32	8,194	34										
		3	Often	453	31	7,237	29										
		4	Very often	319	21	5,013	20										
		Total		1,435	100	24,472	100										
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	70	5	1,614	7	<b>2.8</b>	2.8	.05							
		2	Sometimes	419	30	7,358	30										
		3	Often	623	43	10,111	41										
		4	Very often	311	22	5,183	21										
		Total		1,423	100	24,266	100										
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	44	4	1,049	5	<b>3.0</b>	2.9	.05							
		2	Sometimes	323	24	5,987	25										
		3	Often	658	46	10,309	43										
		4	Very often	387	27	6,557	27										
		Total		1,412	100	23,902	100										
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	40	3	828	4	<b>3.0</b>	2.9 ***	.10	△						
		2	Sometimes	337	25	6,609	28										
		3	Often	619	43	10,151	42										
		4	Very often	403	29	6,007	25										
		Total		1,399	100	23,595	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	21	2	403	2					<b>3.2</b>	3.1 **	.09	△		
		2	Sometimes	186	14	4,207	18										
		3	Often	670	49	10,712	46										
		4	Very often	514	36	8,035	34										
		Total		1,391	100	23,357	100										
<b>3. During the current school year, about how often have you done the following?</b>																	
a. Talked about career plans with a faculty member	SFcareer	1	Never	274	21	5,352	24					<b>2.3</b>	2.3	.01			
		2	Sometimes	617	44	9,523	40										
		3	Often	297	21	4,933	21										
		4	Very often	204	14	3,516	15										
		Total		1,392	100	23,324	100										
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	646	47	10,734	47					<b>1.8</b>	1.9	-.02			
		2	Sometimes	412	30	6,885	29										
		3	Often	202	14	3,379	14										
		4	Very often	123	9	2,218	10										
		Total		1,383	100	23,216	100										
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	438	32	8,127	36					<b>2.0</b>	2.0	.03			
		2	Sometimes	607	44	9,008	39										
		3	Often	216	16	3,950	17										
		4	Very often	118	9	1,964	8										
		Total		1,379	100	23,049	100										
d. Discussed your academic performance with a faculty member	SFperform	1	Never	400	30	7,176	32					<b>2.0</b>	2.0	.00			
		2	Sometimes	626	45	9,795	42										
		3	Often	250	18	4,102	17										
		4	Very often	103	7	1,964	8										
		Total		1,379	100	23,037	100										
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																	
a. Memorizing course material	memorize	1	Very little	116	8	1,830	8					<b>2.7</b>	2.8 *	-.06	▽		
		2	Some	427	31	6,886	30										
		3	Quite a bit	554	40	8,800	38										
		4	Very much	280	21	5,372	23										
		Total		1,377	100	22,888	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your seniors compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	37	3	918	4	<b>3.0</b>	3.0 *	.06	△							
		2	Some	267	20	4,980	22											
		3	Quite a bit	650	48	9,995	43											
		4	Very much	414	30	6,910	30											
		Total		1,368	100	22,803	100											
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	41	3	973	5	<b>3.0</b>	3.0	.04								
		2	Some	311	23	5,192	23											
		3	Quite a bit	602	44	9,754	43											
		4	Very much	409	30	6,662	30											
		Total		1,363	100	22,581	100											
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	71	5	1,500	7	<b>2.9</b>	2.9 **	.09	△							
		2	Some	325	24	5,736	26											
		3	Quite a bit	589	43	9,334	41											
		4	Very much	372	27	5,869	26											
		Total		1,357	100	22,439	100											
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	49	4	1,116	6	<b>3.0</b>	2.9 **	.08	△							
		2	Some	307	23	5,544	25											
		3	Quite a bit	616	45	9,798	43											
		4	Very much	385	28	5,860	26											
		Total		1,357	100	22,318	100											
<b>5. During the current school year, to what extent have your instructors done the following?</b>																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	37	3	710	4	<b>3.0</b>	3.0	.00								
		2	Some	272	21	4,756	21											
		3	Quite a bit	635	46	9,562	43											
		4	Very much	411	30	7,143	32											
		Total		1,355	100	22,171	100											
b. Taught course sessions in an organized way	ETorganize	1	Very little	74	6	1,256	6	<b>2.9</b>	2.9	-.01								
		2	Some	321	23	5,166	23											
		3	Quite a bit	578	43	9,348	42											
		4	Very much	376	28	6,356	29											
		Total		1,349	100	22,126	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your seniors compared with					
				WSU		Public RUVH-Carn ('21)		WSU		Public RUVH-Carn ('21)		WSU		Public RUVH-Carn ('21)		Effect size <sup>e</sup>	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	51	4	1,071	5	<b>3.0</b>	3.0	.01							
		2	Some	312	23	5,013	23										
		3	Quite a bit	573	43	9,129	41										
		4	Very much	411	30	6,856	31										
		Total		1,347	100	22,069	100										
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	150	11	2,799	13	<b>2.8</b>	2.7 **	.08	△						
		2	Some	365	27	6,628	30										
		3	Quite a bit	495	37	7,299	33										
		4	Very much	336	25	5,319	24										
		Total		1,346	100	22,045	100										
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	149	11	2,483	12	<b>2.7</b>	2.7	.02							
		2	Some	413	30	6,961	31										
		3	Quite a bit	493	37	7,809	35										
		4	Very much	287	21	4,689	21										
		Total		1,342	100	21,942	100										
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	64	5	1,108	5	<b>3.0</b>	2.9	.04							
		2	Some	308	23	5,391	24										
		3	Quite a bit	563	42	8,976	41										
		4	Very much	406	30	6,364	29										
		Total		1,341	100	21,839	100										
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	45	3	978	5	<b>3.0</b>	3.0 *	.07	△						
		2	Some	291	22	5,150	24										
		3	Quite a bit	600	45	9,465	43										
		4	Very much	397	30	6,229	28										
		Total		1,333	100	21,822	100										
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	175	13	2,652	13	<b>2.6</b>	2.6	.02							
		2	Some	437	32	7,574	35										
		3	Quite a bit	493	38	7,684	35										
		4	Very much	229	17	3,855	18										
		Total		1,334	100	21,765	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your seniors compared with					
				WSU		Public RUVH-Carn ('21)		WSU		Public RUVH-Carn ('21)		WSU		Public RUVH-Carn ('21)		Effect size <sup>e</sup>	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	43	3	813	4	<b>3.1</b>	3.1	.05							
		2	Some	214	17	4,171	19										
		3	Quite a bit	611	46	9,276	42										
		4	Very much	463	34	7,466	34										
		Total		1,331	100	21,726	100										
<b>6. During the current school year, about how often have you done the following?</b>																	
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	98	7	2,357	11	<b>2.8</b>	2.7 ***	.11	△						
		2	Sometimes	420	31	7,245	33										
		3	Often	533	41	7,662	36										
		4	Very often	272	22	4,152	20										
		Total		1,323	100	21,416	100										
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public	QRproblem	1	Never	180	14	3,966	19	<b>2.6</b>	2.4 ***	.13	△						
		2	Sometimes	456	34	7,596	35										
		3	Often	445	34	6,341	30										
		4	Very often	236	18	3,432	17										
		Total		1,317	100	21,335	100										
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	152	11	3,481	16	<b>2.6</b>	2.5 ***	.12	△						
		2	Sometimes	527	39	8,075	37										
		3	Often	419	33	6,604	31										
		4	Very often	223	17	3,090	15										
		Total		1,321	100	21,250	100										
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</b>																	
a. Up to 5 pages  <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	wrshortnum	0	None	61	5	1,760	8	<b>8.1</b>	7.0 ***	.17	△						
		1.5	1-2	228	17	4,367	20										
		4	3-5	345	27	6,010	28										
		8	6-10	321	24	4,332	21										
		13	11-15	155	12	2,139	10										
		18	16-20	72	5	1,051	5										
		23	More than 20	132	10	1,539	7										
		Total		1,314	100	21,198	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your seniors compared with					
				WSU		Public RUVH-Carn ('21)		WSU		Public RUVH-Carn ('21)		WSU		Public RUVH-Carn ('21)		Effect size <sup>e</sup>	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Effect size <sup>e</sup>	Effect size <sup>e</sup>
b. Between 6 and 10 pages	wrmednum	0	None	291	22	6,743	32	<b>4.0</b>	3.0 ***	.23	△						
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	425	32	6,850	32										
		4	3-5	316	24	4,295	20										
		8	6-10	156	12	1,998	10										
		13	11-15	71	6	687	3										
		18	16-20	25	2	218	1										
		23	More than 20	30	2	316	2										
		Total			1,314	100	21,107	100									
c. 11 pages or more	wrlongnum	0	None	590	44	12,030	57	<b>2.4</b>	1.7 ***	.17	△						
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	434	33	5,754	27										
		4	3-5	156	12	1,772	9										
		8	6-10	62	5	786	4										
		13	11-15	43	3	456	2										
		18	16-20	14	1	138	1										
		23	More than 20	19	2	237	1										
		Total			1,318	100	21,173	100									
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)					<b>90.4</b>	70.8 ***	.21	△						
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																	
a. People of a race or ethnicity other than your own	DDrace	1	Never	68	6	1,346	7	<b>3.0</b>	3.0	-.03							
		2	Sometimes	346	27	5,322	25										
		3	Often	454	34	6,568	31										
		4	Very often	451	34	7,913	37										
			Total	1,319	100	21,149	100										
b. People from an economic background other than your own	DDeconomic	1	Never	66	5	1,244	6	<b>2.9</b>	3.0	-.04							
		2	Sometimes	345	27	5,314	25										
		3	Often	501	38	7,488	35										
		4	Very often	394	29	7,057	33										
			Total	1,306	100	21,103	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. People with religious beliefs other than your own	DDreligion	1	Never	118	9	1,631	8	2.8	2.9 **	-0.09	▽					
		2	Sometimes	366	29	5,779	27									
		3	Often	452	34	6,765	32									
		4	Very often	372	28	6,926	33									
		Total		1,308	100	21,101	100									
d. People with political views other than your own	DDpolitical	1	Never	98	8	1,717	8	2.8	2.8	-0.02						
		2	Sometimes	414	32	6,504	30									
		3	Often	407	30	6,358	30									
		4	Very often	391	30	6,523	31									
		Total		1,310	100	21,102	100									
<b>9. During the current school year, about how often have you done the following?</b>																
a. Identified key information from reading assignments	LSreading	1	Never	45	4	777	4	3.0	3.0	.03						
		2	Sometimes	276	22	4,734	23									
		3	Often	570	44	8,935	42									
		4	Very often	421	31	6,579	31									
		Total		1,312	100	21,025	100									
b. Reviewed your notes after class	LSnotes	1	Never	121	10	1,559	8	2.8	2.8 *	-0.06	▽					
		2	Sometimes	423	32	6,378	31									
		3	Often	399	30	6,898	33									
		4	Very often	372	28	6,163	29									
		Total		1,315	100	20,998	100									
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	94	7	1,412	7	2.8	2.8	-0.03						
		2	Sometimes	391	30	6,207	30									
		3	Often	498	38	7,820	37									
		4	Very often	331	25	5,570	26									
		Total		1,314	100	21,009	100									

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# NSSE 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your seniors compared with							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																			
	challenge	1	Not at all	24	2	317	2					<b>5.3</b>	5.3	-.02					
		2		31	3	498	3												
		3		75	6	1,244	6												
		4		155	12	2,791	13												
		5		398	30	5,981	28												
		6		335	26	4,874	23												
		7	Very much	290	22	5,174	25												
			Total	1,308	100	20,879	100												
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	136	11	2,242	11					<b>40%</b>	.4	-.05					
			Do not plan to do	244	19	3,598	18												
			Plan to do	386	30	5,929	28												
			Done or in progress	546	40	9,101	43												
			Total	1,312	100	20,870	100												
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	169	13	2,354	12					<b>33%</b>	.3	-.02					
			Do not plan to do	577	45	9,212	45												
			Plan to do	113	9	1,917	9												
			Done or in progress	448	33	7,346	34												
			Total	1,307	100	20,829	100												
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	194	15	2,952	14					<b>20%</b>	.2	.00					
			Do not plan to do	696	54	11,227	55												
			Plan to do	132	10	2,179	10												
			Done or in progress	281	20	4,410	20												
			Total	1,303	100	20,768	100												
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	170	13	2,452	12					<b>7%</b>	.1 ***	-.15					
			Do not plan to do	951	72	13,828	67												
			Plan to do	88	7	1,935	9												
			Done or in progress	98	7	2,557	12												
			Total	1,307	100	20,772	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				WSU				Public RUVH-Carn ('21)				
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	206	16	3,255	16	19%	.2 *	-07	▽									
			Do not plan to do	706	54	10,280	49													
			Plan to do	138	11	2,750	13													
			Done or in progress	256	19	4,495	22													
			Total	1,306	100	20,780	100													
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	77	6	2,351	12	59%	.4 ***	.42	▲									
			Do not plan to do	127	10	5,193	25													
			Plan to do	314	25	5,038	24													
			Done or in progress	786	59	8,181	39													
			Total	1,304	100	20,763	100													
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																				
	servcourse	1	None	533	42	9,547	47	1.7	1.6 ***	.10	△									
			2	Some	620	47	9,134													44
			3	Most	111	8	1,599													7
			4	All	37	3	398													2
			Total	1,301	100	20,678	100													
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																				
a. Students	QIstudent	1	Poor	31	3	385	2	5.4	5.5	-01										
			2		40	3	461													2
			3		77	6	997													5
			4		110	9	2,212													11
			5		300	23	5,011													24
			6		342	26	5,552													26
			7	Excellent	375	29	5,694													27
			—	Not applicable	24	2	383													2
			Total	1,299	100	20,695	100													

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# NSSE 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your seniors compared with					
				WSU		Public RUVH-Carn ('21)		WSU		Public RUVH-Carn ('21)							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
b. Academic advisors	Qladvisor	1	Poor	66	5	985	5	<b>5.2</b>	5.2	.02							
		2		80	6	1,029	5										
		3		84	6	1,541	7										
		4		150	11	2,511	12										
		5		217	17	3,775	18										
		6		258	20	4,009	19										
		7	Excellent	434	34	6,530	32										
		—	Not applicable	11	1	306	2										
	Total	1,300	100	20,686	100												
c. Faculty	Qlfaculty	1	Poor	37	3	433	2	<b>5.3</b>	5.3	-.01							
		2		35	3	564	3										
		3		76	6	1,156	6										
		4		163	12	2,669	13										
		5		320	24	5,093	24										
		6		353	27	5,640	27										
		7	Excellent	302	24	4,856	24										
		—	Not applicable	13	1	253	1										
	Total	1,299	100	20,664	100												
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	76	6	951	5	<b>4.8</b>	4.9 **	-.10							
		2		57	4	889	4										
		3		77	6	1,432	7										
		4		174	13	2,576	12										
		5		218	16	3,719	18										
		6		191	15	3,524	17										
		7	Excellent	197	15	3,753	18										
		—	Not applicable	306	24	3,805	19										
	Total	1,296	100	20,649	100												

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# NSSE 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	82	7	1,103	6	4.9	4.8	.01							
		2		59	5	1,104	5										
		3		108	8	1,654	8										
		4		170	13	3,065	15										
		5		227	17	4,164	20										
		6		226	17	3,755	18										
		7	Excellent	257	20	3,761	18										
		—	Not applicable	169	13	2,066	10										
	Total			1,298	100	20,672	100										
<b>14. How much does your institution emphasize the following?</b>																	
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	26	2	407	2	3.2	3.1 *	.07							
		2	Some	203	16	3,861	19										
		3	Quite a bit	591	45	9,287	45										
		4	Very much	474	37	7,033	34										
			Total			1,294	100										
b. Providing support to help students succeed academically	SEacademic	1	Very little	82	7	1,333	7	2.8	2.8	.03							
		2	Some	337	27	5,806	29										
		3	Quite a bit	545	42	8,606	41										
		4	Very much	326	24	4,816	23										
			Total			1,290	100										
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	133	11	2,182	11	2.7	2.8	-.02							
		2	Some	378	30	5,534	27										
		3	Quite a bit	456	36	7,744	37										
		4	Very much	321	24	5,086	25										
			Total			1,288	100										
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	232	18	3,226	16	2.5	2.6	-.05							
		2	Some	403	32	6,435	31										
		3	Quite a bit	389	30	6,528	31										
		4	Very much	266	20	4,345	21										
			Total			1,290	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
e. Providing opportunities to be involved socially	SEsocial	1	Very little	153	13	2,121	11	2.7	2.7 **	-0.8	▽						
		2	Some	386	30	5,698	28										
		3	Quite a bit	450	35	7,868	38										
		4	Very much	295	22	4,830	23										
		Total		1,284	100	20,517	100										
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	182	15	2,460	12	2.6	2.7 **	-0.8	▽						
		2	Some	400	31	6,012	29										
		3	Quite a bit	422	33	7,442	36										
		4	Very much	284	21	4,586	22										
		Total		1,288	100	20,500	100										
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	505	40	7,231	36	2.0	2.0 *	-0.7	▽						
		2	Some	432	33	7,148	35										
		3	Quite a bit	222	17	4,048	20										
		4	Very much	125	10	2,046	10										
		Total		1,284	100	20,473	100										
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	302	25	3,288	17	2.4	2.6 ***	-0.18	▽						
		2	Some	353	27	5,949	29										
		3	Quite a bit	384	29	6,914	33										
		4	Very much	247	18	4,305	21										
		Total		1,286	100	20,456	100										
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	300	24	4,646	23	2.3	2.3	-0.01							
		2	Some	484	37	7,694	38										
		3	Quite a bit	327	25	5,562	27										
		4	Very much	174	13	2,573	12										
		Total		1,285	100	20,475	100										
<b>15. To what extent do you agree or disagree with the following statements?</b>																	
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	52	4	612	3	3.2	3.2	-0.05							
		2	Disagree	99	8	1,580	8										
		3	Agree	646	49	10,174	49										
		4	Strongly agree	490	38	8,095	40										
		Total		1,287	100	20,461	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	125	11	1,776	10	<b>2.8</b>	2.8	-.01							
		2	Disagree	247	19	4,414	22										
		3	Agree	641	49	9,867	47										
		4	Strongly agree	271	21	4,397	22										
		Total		1,284	100	20,454	100										
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	101	8	1,361	7	<b>2.9</b>	2.9	.04							
		2	Disagree	214	17	4,008	20										
		3	Agree	622	48	10,223	49										
		4	Strongly agree	350	26	4,875	24										
		Total		1,287	100	20,467	100										
<b>16. About how many hours do you spend in a typical 7-day week doing the following?</b>																	
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs (Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	5	0	83	0	<b>17.2</b>	16.4 **	.09							
		3	1-5 hrs	99	8	2,246	11										
		8	6-10 hrs	249	19	4,184	20										
		13	11-15 hrs	257	20	4,029	20										
		18	16-20 hrs	248	19	3,742	19										
		23	21-25 hrs	152	12	2,400	12										
		28	26-30 hrs	123	10	1,433	7										
		33	More than 30 hrs	152	12	2,292	12										
		Total		1,285	100	20,409	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your seniors compared with					
				WSU		Public RUVH-Carn ('21)		WSU		Public RUVH-Carn ('21)							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	609	48	8,742	44	<b>4.3</b>	4.5	-.04							
	(Recoded version of tmcocurr created by NSSE.	3	1-5 hrs	353	26	5,966	28										
	Values are estimated number of hours per week.)	8	6-10 hrs	148	12	2,681	13										
		13	11-15 hrs	74	6	1,405	7										
		18	16-20 hrs	47	4	825	4										
		23	21-25 hrs	32	3	379	2										
		28	26-30 hrs	7	0	146	1										
		33	More than 30 hrs	14	1	239	1										
	Total			1,284	100	20,383	100										
c. Working for pay on campus	tmworkonhrs	0	0 hrs	995	78	15,677	77	<b>3.0</b>	3.1	-.02							
	(Recoded version of tmworkon created by NSSE.	3	1-5 hrs	39	3	682	3										
	Values are estimated number of hours per week.)	8	6-10 hrs	75	6	1,157	6										
		13	11-15 hrs	81	6	1,062	5										
		18	16-20 hrs	51	4	1,074	5										
		23	21-25 hrs	25	2	390	2										
		28	26-30 hrs	4	0	119	1										
		33	More than 30 hrs	16	1	231	1										
	Total			1,286	100	20,392	100										
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	674	52	9,297	47	<b>9.2</b>	10.9 ***	-.13	▽						
	(Recoded version of tmworkoff created by NSSE.	3	1-5 hrs	80	6	1,054	5										
	Values are estimated number of hours per week.)	8	6-10 hrs	86	6	1,420	7										
		13	11-15 hrs	78	6	1,454	7										
		18	16-20 hrs	97	7	1,848	9										
		23	21-25 hrs	84	6	1,332	6										
		28	26-30 hrs	52	4	1,083	5										
		33	More than 30 hrs	133	12	2,907	15										
	Total			1,284	100	20,395	100										
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)					<b>12.2</b>	14.0 ***	-.14	▽						

\*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 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your seniors compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	770	61	11,679	58	<b>2.6</b>	2.7	-.02								
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	337	26	5,737	28											
		8	6-10 hrs	83	6	1,473	7											
		13	11-15 hrs	37	3	667	3											
		18	16-20 hrs	20	1	356	2											
		23	21-25 hrs	16	1	204	1											
		28	26-30 hrs	6	0	70	0											
		33	More than 30 hrs	13	1	188	1											
		Total			1,282	100												
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	30	3	545	3	<b>11.3</b>	11.9 *	-0.07								
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	335	26	4,682	22											
		8	6-10 hrs	363	28	5,579	27											
		13	11-15 hrs	240	18	4,014	20											
		18	16-20 hrs	143	12	2,697	13											
		23	21-25 hrs	75	6	1,164	6											
		28	26-30 hrs	31	3	520	3											
		33	More than 30 hrs	65	5	1,189	6											
		Total			1,282	100												
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	899	69	14,179	69	<b>4.6</b>	4.5	.01								
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	137	11	2,130	10											
		8	6-10 hrs	62	5	1,050	5											
		13	11-15 hrs	27	2	674	3											
		18	16-20 hrs	25	2	510	3											
		23	21-25 hrs	18	1	258	1											
		28	26-30 hrs	7	1	147	1											
		33	More than 30 hrs	107	8	1,420	7											
		Total			1,282	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your seniors compared with							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	783	61	7,601	37	<b>2.3</b>	3.6 ***	-0.24	▽								
		3	1-5 hrs	372	29	9,294	46												
		8	6-10 hrs	69	5	1,914	9												
		13	11-15 hrs	20	2	671	3												
		18	16-20 hrs	12	1	366	2												
		23	21-25 hrs	11	1	198	1												
		28	26-30 hrs	1	0	97	0												
		33	More than 30 hrs	16	1	253	1												
		Total				1,284	100											20,394	100
		<b>17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																	
reading	tmreadinghrs	1	Very little	210	17	3,299	17	<b>2.6</b>	2.7	-0.04									
		2	Some	422	34	6,350	31												
		3	About half	319	24	5,281	26												
		4	Most	245	19	3,691	18												
		5	Almost all	87	6	1,747	8												
		Total				1,283	100											20,368	100
<i>(Continuous variable created by NSSE. Calculated as a proportion of tmreadinghrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																			
tmreadinghrscol <i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	tmreadinghrscol	1	0 hrs	5	0	82	0	<b>7.4</b>	7.2	.03									
		2	More than zero, up to 5 hrs	591	47	9,833	49												
		3	More than 5, up to 10 hrs	395	31	5,798	28												
		4	More than 10, up to 15 hrs	124	10	2,023	10												
		5	More than 15, up to 20 hrs	66	5	1,236	6												
		6	More than 20, up to 25 hrs	62	4	839	4												
		7	More than 25 hrs	36	3	486	2												
		Total				1,279	100											20,297	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
<b>18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																	
a. Writing clearly and effectively	pgwrite	1	Very little	66	5	1,273	7	<b>3.0</b>	2.9 **	.08	△						
		2	Some	276	22	4,724	23										
		3	Quite a bit	501	39	7,987	38										
		4	Very much	441	34	6,395	31										
		Total		1,284	100	20,379	100										
b. Speaking clearly and effectively	pgspeak	1	Very little	112	9	1,660	9	<b>2.8</b>	2.9	-.05							
		2	Some	332	26	5,139	25										
		3	Quite a bit	487	38	7,589	37										
		4	Very much	354	27	5,959	29										
		Total		1,285	100	20,347	100										
c. Thinking critically and analytically	pgthink	1	Very little	21	2	518	3	<b>3.3</b>	3.3 **	.07	△						
		2	Some	154	12	2,789	14										
		3	Quite a bit	492	38	7,843	38										
		4	Very much	620	47	9,212	45										
		Total		1,287	100	20,362	100										
d. Analyzing numerical and statistical information	pganalyze	1	Very little	75	6	1,693	8	<b>3.0</b>	3.0 **	.07	△						
		2	Some	292	22	4,725	23										
		3	Quite a bit	461	36	7,070	35										
		4	Very much	456	36	6,865	35										
		Total		1,284	100	20,353	100										
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	125	11	1,998	11	<b>2.8</b>	2.8	-.01							
		2	Some	341	27	5,065	25										
		3	Quite a bit	403	31	6,905	33										
		4	Very much	416	32	6,386	31										
		Total		1,285	100	20,354	100										
f. Working effectively with others	pgothers	1	Very little	68	6	1,070	6	<b>3.0</b>	3.0	.02							
		2	Some	281	23	4,371	22										
		3	Quite a bit	465	36	7,969	39										
		4	Very much	471	36	6,942	34										
		Total		1,285	100	20,352	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				Your seniors compared with			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	158	13	2,392	13	<b>2.7</b>	2.8	-0.03					
		2	Some	345	28	5,277	26								
		3	Quite a bit	415	32	6,899	33								
		4	Very much	363	27	5,785	28								
		Total		1,281	100	20,353	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	142	12	1,954	11	<b>2.8</b>	2.8 *	-0.06	▽				
		2	Some	354	28	5,255	26								
		3	Quite a bit	408	32	7,006	34								
		4	Very much	378	28	6,132	29								
		Total		1,282	100	20,347	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	102	9	1,853	10	<b>2.9</b>	2.8	.04					
		2	Some	345	27	5,417	27								
		3	Quite a bit	450	35	7,305	35								
		4	Very much	388	30	5,783	29								
		Total		1,285	100	20,358	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	172	14	2,527	14	<b>2.7</b>	2.7	-0.04					
		2	Some	387	31	5,895	29								
		3	Quite a bit	397	30	6,675	32								
		4	Very much	327	25	5,269	25								
		Total		1,283	100	20,366	100								
<b>19. How would you evaluate your entire educational experience at this institution?</b>															
	evalexp	1	Poor	48	4	614	4	<b>3.1</b>	3.2 ***	-0.10	▽				
		2	Fair	200	16	2,877	15								
		3	Good	624	48	9,318	45								
		4	Excellent	415	32	7,602	37								
		Total		1,287	100	20,411	100								
<b>20. If you could start over again, would you go to the same institution you are now attending?</b>															
	sameinst	1	Definitely no	60	5	868	5	<b>3.2</b>	3.2	-0.02					
		2	Probably no	161	13	2,624	13								
		3	Probably yes	536	42	8,485	41								
		4	Definitely yes	529	40	8,486	41								
		Total		1,286	100	20,463	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 2021 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU				Public RUVH-Carn ('21)				WSU				Public RUVH-Carn ('21)			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>22. To what extent have the faculty and staff at your institution done a good job helping students adapt to the changes brought on by the COVID-19 pandemic?</b>																			
	covidexp	1	Very little	118	10	1,539	8					<b>2.8</b>							
		2	Some	345	26	4,702	23												
		3	Quite a bit	446	35	7,408	36												
		4	Very much	372	29	6,828	33												
			Total	1,281	100	20,477	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 2021 Frequencies and Statistical Comparisons

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

### Washington State University

#### First-Year Students

Variable Name	N			Mean		Standard error <sup>h</sup>		Standard deviation <sup>i</sup>		Degrees of freedom <sup>i</sup>	Significance <sup>k</sup>	Effect size <sup>e</sup>
	WSU	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	Comparisons with:		Public RUVH-Carn (21)	Public RUVH-Carn (21)	Public RUVH-Carn (21)
								Public RUVH-Carn (21)	Public RUVH-Carn (21)			
1 a. askquest	1,034	2.65	2.72	.025	.005	.80	.84	27,255		.005	-.09	
b. CLaskhelp	1,028	2.29	2.40	.029	.006	.93	.93	27,042		.000	-.11	
c. CLexplain	1,028	2.34	2.44	.026	.005	.83	.87	1,120		.000	-.11	
d. CLstudy	1,028	1.99	2.17	.030	.006	.95	.97	1,113		.000	-.18	
e. CLproject	1,022	2.33	2.37	.026	.005	.84	.88	1,111		.096	-.05	
f. present	1,020	1.85	2.01	.025	.005	.78	.86	26,592		.000	-.19	
2 a. RIintegrate	1,003	2.48	2.46	.026	.005	.82	.86	1,092		.506	.02	
b. RISocietal	1,000	2.57	2.49	.027	.006	.84	.89	1,091		.009	.08	
c. RIDiverse	993	2.62	2.54	.028	.006	.88	.91	1,081		.007	.08	
d. Rlownview	987	2.72	2.72	.026	.005	.81	.83	25,091		.873	.01	
e. Rlperspect	981	2.83	2.85	.026	.005	.80	.81	24,555		.444	-.02	
f. Rlnewview	973	2.80	2.75	.026	.005	.80	.82	1,060		.077	.06	
g. RIconnect	958	2.96	2.98	.024	.005	.75	.77	23,662		.434	-.03	
3 a. SFcareer	956	2.25	2.17	.030	.006	.92	.92	23,613		.004	.09	
b. SFotherwork	951	1.61	1.65	.028	.006	.85	.86	23,429		.185	-.04	
c. SFdiscuss	948	1.78	1.80	.028	.006	.86	.87	23,156		.425	-.03	
d. SFperform	951	1.92	1.96	.027	.006	.83	.85	23,153		.089	-.06	
4 a. memorize	943	2.76	2.88	.028	.006	.85	.84	1,022		.000	-.14	
b. HOapply	943	2.78	2.86	.026	.006	.80	.83	22,792		.006	-.09	
c. HOanalyze	934	2.79	2.84	.027	.006	.82	.83	22,493		.078	-.06	
d. HOevaluate	933	2.85	2.83	.026	.006	.78	.84	1,028		.472	.02	
e. HOform	933	2.83	2.83	.025	.006	.77	.82	1,026		.889	.00	
5 a. ETgoals	928	2.94	2.97	.026	.006	.79	.81	22,073		.447	-.03	
b. ETorganize	924	2.90	2.87	.026	.006	.81	.85	1,016		.200	.04	
c. ETexample	921	2.88	2.88	.028	.006	.84	.86	21,963		.790	.01	
d. ETdraftfb	919	2.68	2.67	.030	.006	.91	.93	21,910		.875	.01	
e. ETfeedback	913	2.49	2.55	.029	.006	.87	.92	1,003		.035	-.07	
f. etcriteria	907	2.88	2.89	.027	.006	.82	.84	21,660		.842	-.01	
g. etreview	906	2.89	2.87	.027	.006	.81	.83	21,548		.562	.02	
h. etprefer	904	2.44	2.46	.029	.006	.88	.91	21,491		.553	-.02	
i. etdemonstrate	905	3.03	3.06	.027	.006	.80	.82	21,431		.325	-.03	

# NSSE 2021 Frequencies and Statistical Comparisons

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

### Washington State University

#### First-Year Students

Variable Name	N		Mean		Standard error <sup>h</sup>		Standard deviation <sup>i</sup>		Degrees of freedom <sup>i</sup>	Significance <sup>k</sup>	Effect size <sup>e</sup>
	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	Comparisons with: Public RUVH-Carn (21)	Comparisons with: Public RUVH-Carn (21)	Comparisons with: Public RUVH-Carn (21)
6 a. QRconclude	897	2.55	2.62	.029	.006	.86	.86	21,028	.021	-.08	
b. QRproblem	893	2.35	2.35	.029	.006	.87	.91	981	.874	-.01	
c. QRevaluate	889	2.30	2.35	.028	.006	.84	.88	977	.086	-.06	
7 a. wrshortnum	889	8.06	6.43	.220	.042	6.57	5.86	952	.000	.28	
b. wrmednum	890	2.60	2.18	.129	.025	3.83	3.58	959	.001	.12	
c. wrlongnum	891	1.02	.99	.107	.022	3.19	3.14	20,737	.750	.01	
— wrpages	886	60.15	51.05	2.707	.565	80.57	79.37	20,611	.001	.11	
8 a. DDrace	887	2.77	2.90	.031	.007	.92	.92	20,706	.000	-.14	
b. DDeconomic	887	2.77	2.87	.029	.006	.87	.90	20,669	.001	-.11	
c. DDreligion	885	2.69	2.82	.031	.007	.93	.95	20,643	.000	-.14	
d. DDpolitical	886	2.74	2.82	.031	.007	.93	.95	20,672	.009	-.09	
9 a. LSreading	888	2.93	2.92	.025	.006	.74	.80	983	.678	.01	
b. LSnotes	888	2.75	2.86	.030	.006	.89	.89	20,518	.000	-.12	
c. LSsummary	885	2.67	2.78	.029	.006	.86	.87	20,519	.000	-.13	
10 challenge	888	5.13	5.23	.044	.009	1.30	1.32	972	.020	-.08	
11 a. intern <sup>l</sup>	884	5%	5%	.007	.002	--	--	--	.350	-.03	
b. leader <sup>l</sup>	883	8%	8%	.009	.002	--	--	--	.851	.01	
c. learncom <sup>l</sup>	879	4%	11%	.007	.002	--	--	--	.000	-.26	
d. abroad <sup>l</sup>	880	1%	2%	.004	.001	--	--	--	.375	-.03	
e. research <sup>l</sup>	881	4%	4%	.006	.001	--	--	--	.817	-.01	
f. capstone <sup>l</sup>	874	2%	2%	.005	.001	--	--	--	.126	.05	
12 servcourse	874	1.50	1.47	.021	.005	.63	.65	20,083	.261	.04	
13 a. QIstudent	840	4.85	5.12	.055	.011	1.59	1.53	19,488	.000	-.18	
b. QIadvisor	866	5.34	5.30	.055	.012	1.63	1.64	19,718	.517	.02	
c. QIfaculty	848	4.98	5.14	.053	.011	1.53	1.46	19,553	.003	-.10	
d. QIstaff	637	4.55	4.92	.069	.013	1.75	1.68	683	.000	-.22	
e. QIadmin	724	4.67	4.82	.066	.013	1.78	1.67	780	.021	-.09	

# NSSE 2021 Frequencies and Statistical Comparisons

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

### Washington State University

#### First-Year Students

Variable Name	N		Mean		Standard error <sup>h</sup>		Standard deviation <sup>i</sup>		Degrees of freedom <sup>i</sup>	Significance <sup>k</sup>	Effect size <sup>e</sup>
	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	Comparisons with: Public RUVH-Carn (21)	Comparisons with: Public RUVH-Carn (21)	Comparisons with: Public RUVH-Carn (21)
14 a. empstudy	875	3.02	3.05	.026	.006	.76	.77	19,992	.211	-.04	
b. SEacademic	872	2.80	2.85	.028	.006	.82	.86	19,940	.120	-.05	
c. SElearnsup	872	2.79	2.89	.032	.007	.95	.92	947	.002	-.11	
d. SEdiverse	869	2.49	2.60	.033	.007	.98	.96	19,885	.000	-.12	
e. SESocial	870	2.48	2.63	.033	.007	.97	.95	19,871	.000	-.16	
f. SEwellness	870	2.59	2.69	.032	.007	.94	.93	19,838	.002	-.11	
g. SENonacad	870	2.02	2.11	.032	.007	.93	.95	19,802	.006	-.09	
h. SEactivities	868	2.15	2.48	.034	.007	1.01	1.00	19,810	.000	-.33	
i. SEevents	868	2.22	2.26	.034	.007	1.00	.95	940	.300	-.04	
15 a. SBmyself	869	3.13	3.18	.023	.005	.68	.70	953	.046	-.07	
b. SBvalued	869	2.93	2.85	.025	.006	.73	.78	963	.001	.10	
c. SBcommunity	869	2.84	2.85	.027	.006	.80	.81	19,785	.729	-.01	
16 a. tmprephrs	868	16.09	17.01	.294	.063	8.66	8.69	19,710	.003	-.10	
b. tmcocurrhrs	867	4.00	4.56	.227	.047	6.69	6.42	19,709	.012	-.09	
c. tmworkonhrs	867	.65	1.62	.102	.037	2.99	5.05	1,108	.000	-.19	
d. tmworkoffhrs	865	6.14	5.05	.325	.067	9.55	9.19	939	.001	.12	
— tmworkhrs	863	6.77	6.63	.345	.079	10.12	10.86	19,640	.707	.01	
e. tmservicehrs	868	1.87	1.92	.135	.032	3.98	4.34	19,684	.709	-.01	
f. tmrelaxhrs	864	12.35	13.10	.304	.063	8.93	8.63	938	.015	-.09	
g. tmcarehrs	867	2.44	2.07	.202	.042	5.95	5.70	19,697	.066	.06	
h. tmcommutehrs	869	1.42	2.84	.125	.036	3.67	4.91	1,016	.000	-.29	
17 reading	863	2.58	2.56	.035	.008	1.01	1.06	952	.548	.02	
— tmreadinghrs	863	6.55	6.93	.187	.043	5.50	5.92	956	.050	-.06	

# NSSE 2021 Frequencies and Statistical Comparisons

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

### Washington State University

#### First-Year Students

Variable Name	N		Mean		Standard error <sup>h</sup>		Standard deviation <sup>i</sup>		Degrees of freedom <sup>i</sup>	Significance <sup>k</sup>	Effect size <sup>e</sup>
	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	Comparisons with: Public RUVH-Carn (21)	Comparisons with: Public RUVH-Carn (21)	Comparisons with: Public RUVH-Carn (21)
18 a. pgwrite	863	2.66	2.67	.029	.007	.86	.90	951	.967	.00	
b. pgspeak	863	2.34	2.49	.032	.007	.93	.96	948	.000	-.16	
c. pgthink	865	2.97	2.96	.027	.006	.81	.85	954	.836	.01	
d. pganalyze	863	2.64	2.69	.030	.007	.89	.93	952	.116	-.05	
e. pgwork	864	2.42	2.45	.033	.007	.96	.98	19,580	.297	-.04	
f. pgothers	864	2.52	2.59	.031	.007	.92	.94	19,597	.036	-.07	
g. pgvalues	863	2.42	2.52	.032	.007	.95	.96	19,575	.005	-.10	
h. pgdiverse	864	2.62	2.65	.032	.007	.94	.95	19,597	.361	-.03	
i. pgprobsolve	863	2.49	2.52	.031	.007	.91	.94	949	.317	-.03	
j. pgcitizen	860	2.49	2.54	.031	.007	.91	.95	947	.109	-.05	
19 evalexp	866	2.88	2.97	.026	.006	.77	.79	19,653	.001	-.11	
20 sameinst	865	3.19	3.17	.025	.006	.75	.77	19,686	.361	.03	
21 returnexp <sup>l</sup>	867	91%	91%	.0096	.0021	--	--	--	.964	.00	
22 covidexp	866	2.82	2.90	.031	.007	.90	.93	19,747	.014	-.09	

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# NSSE 2021 Frequencies and Statistical Comparisons

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

### Washington State University

#### Seniors

Variable Name	N			Mean		Standard error <sup>h</sup>		Standard deviation <sup>i</sup>		Degrees of freedom <sup>i</sup>	Significance <sup>k</sup>	Effect size <sup>e</sup>
	WSU	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	Comparisons with:		Public RUVH-Carn (21)	Comparisons with:	
								Public RUVH-Carn (21)	Public RUVH-Carn (21)		Public RUVH-Carn (21)	Public RUVH-Carn (21)
1 a. askquest	1,473	2.93	2.86	.022	.005	.86	.90	1,622		.001	.08	
b. CLaskhelp	1,462	2.49	2.38	.025	.005	.97	.96	33,804		.000	.11	
c. CLexplain	1,467	2.60	2.56	.024	.005	.91	.92	33,728		.156	.04	
d. CLstudy	1,457	2.31	2.29	.027	.006	1.05	1.02	1,584		.320	.03	
e. CLproject	1,458	2.88	2.71	.025	.005	.94	.96	1,598		.000	.17	
f. present	1,452	2.50	2.39	.025	.005	.95	.96	33,318		.000	.11	
2 a. RIintegrate	1,440	2.95	2.83	.022	.005	.82	.88	1,592		.000	.14	
b. RISocietal	1,440	2.75	2.67	.024	.005	.91	.94	1,585		.002	.08	
c. RIDiverse	1,433	2.57	2.50	.026	.006	1.00	1.00	32,432		.008	.07	
d. Rlownview	1,422	2.81	2.77	.022	.005	.83	.87	1,566		.055	.05	
e. Rlperspect	1,410	2.96	2.92	.021	.005	.80	.85	1,558		.063	.05	
f. Rlnewview	1,398	2.97	2.89	.022	.005	.81	.83	1,535		.000	.10	
g. RIconnect	1,390	3.19	3.12	.020	.004	.73	.77	30,785		.001	.09	
3 a. SFcareer	1,389	2.27	2.26	.025	.006	.94	.98	1,534		.627	.01	
b. SFotherwork	1,383	1.85	1.86	.026	.006	.97	.99	30,554		.475	-.02	
c. SFdiscuss	1,377	2.01	1.98	.024	.005	.90	.93	1,517		.268	.03	
d. SFperform	1,377	2.02	2.03	.024	.005	.87	.91	1,521		.892	.00	
4 a. memorize	1,375	2.72	2.77	.024	.005	.89	.90	30,082		.042	-.06	
b. HOapply	1,365	3.04	3.00	.021	.005	.78	.83	1,515		.029	.06	
c. HOanalyze	1,361	3.01	2.97	.022	.005	.80	.84	1,507		.107	.04	
d. HOevaluate	1,354	2.93	2.85	.023	.005	.85	.89	1,499		.001	.09	
e. HOform	1,354	2.97	2.90	.022	.005	.81	.85	1,500		.004	.08	
5 a. ETgoals	1,353	3.04	3.04	.021	.005	.79	.82	1,499		.963	.00	
b. ETorganize	1,347	2.93	2.93	.023	.005	.86	.87	29,020		.789	-.01	
c. ETexample	1,345	2.99	2.98	.023	.005	.83	.86	28,944		.854	.01	
d. ETdraftfb	1,343	2.75	2.67	.026	.006	.95	.98	1,484		.003	.08	
e. ETfeedback	1,338	2.68	2.66	.026	.006	.93	.94	28,761		.389	.02	
f. etcriteria	1,337	2.98	2.94	.023	.005	.85	.87	1,475		.132	.04	
g. etreview	1,331	3.01	2.95	.022	.005	.81	.84	1,475		.015	.07	
h. etprefer	1,332	2.59	2.57	.025	.006	.92	.93	28,493		.498	.02	
i. etdemonstrate	1,329	3.11	3.07	.022	.005	.79	.83	1,477		.061	.05	

# NSSE 2021 Frequencies and Statistical Comparisons

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

### Washington State University

#### Seniors

Variable Name	N			Mean		Standard error <sup>h</sup>		Standard deviation <sup>i</sup>		Degrees of freedom <sup>i</sup>	Significance <sup>k</sup>	Effect size <sup>e</sup>
	WSU	Public RUVH-Carn (21)	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	Public RUVH-Carn (21)	Public RUVH-Carn (21)	Comparisons with:	Comparisons with:	Comparisons with:
										Public RUVH-Carn (21)	Public RUVH-Carn (21)	Public RUVH-Carn (21)
6 a. QRconclude	1,322	2.77	2.66	.024	.006	.87	.92	1,472	.000	.11		
b. QRproblem	1,317	2.57	2.44	.026	.006	.94	.98	1,461	.000	.13		
c. QRevaluate	1,320	2.56	2.45	.025	.006	.90	.93	27,775	.000	.12		
7 a. wrshortnum	1,312	8.08	7.00	.186	.040	6.75	6.46	27,692	.000	.17		
b. wrmednum	1,313	4.02	3.04	.136	.026	4.93	4.26	1,411	.000	.23		
c. wrlongnum	1,317	2.35	1.72	.116	.023	4.22	3.66	1,417	.000	.17		
— wrpages	1,303	90.42	70.77	2.942	.577	106.22	93.24	1,404	.000	.21		
8 a. DDrace	1,318	2.96	2.98	.025	.006	.91	.95	1,464	.333	-.03		
b. DDeconomic	1,305	2.92	2.95	.024	.006	.88	.92	27,536	.182	-.04		
c. DDreligion	1,306	2.81	2.89	.026	.006	.95	.96	27,541	.001	-.09		
d. DDpolitical	1,307	2.82	2.84	.026	.006	.95	.96	27,534	.454	-.02		
9 a. LSreading	1,309	3.03	3.00	.023	.005	.82	.84	27,447	.317	.03		
b. LSnotes	1,314	2.77	2.83	.027	.006	.97	.94	1,441	.033	-.06		
c. LSsummary	1,313	2.80	2.82	.025	.006	.89	.90	27,409	.333	-.03		
10 challenge	1,307	5.29	5.32	.039	.009	1.40	1.42	27,236	.403	-.02		
11 a. intern <sup>l</sup>	1,312	40%	43%	.0135	.0031	--	--	--	.066	-.05		
b. leader <sup>l</sup>	1,306	33%	34%	.0130	.0029	--	--	--	.413	-.02		
c. learncom <sup>l</sup>	1,301	20%	20%	.0112	.0025	--	--	--	.907	.00		
d. abroad <sup>l</sup>	1,307	7%	12%	.0072	.0020	--	--	--	.000	-.15		
e. research <sup>l</sup>	1,305	19%	22%	.0109	.0026	--	--	--	.022	-.07		
f. capstone <sup>l</sup>	1,303	59%	39%	.0136	.0030	--	--	--	.000	.42		
12 servcourse	1,301	1.71	1.64	.020	.004	.73	.70	26,976	.000	.10		
13 a. QIstudent	1,272	5.44	5.46	.042	.009	1.50	1.42	1,389	.638	-.01		
b. QIadvisor	1,289	5.25	5.21	.051	.011	1.82	1.77	26,580	.475	.02		
c. QIfaculty	1,285	5.30	5.32	.042	.009	1.50	1.46	26,607	.646	-.01		
d. QIstaff	986	4.77	4.94	.058	.012	1.81	1.75	1,075	.004	-.10		
e. QIadmin	1,127	4.86	4.84	.054	.012	1.82	1.75	1,229	.766	.01		



# NSSE 2021 Frequencies and Statistical Comparisons

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

### Washington State University

#### Seniors

Variable Name	N		Mean		Standard error <sup>h</sup>		Standard deviation <sup>i</sup>		Degrees of freedom <sup>i</sup>	Significance <sup>k</sup>	Effect size <sup>e</sup>
	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	Comparisons with: Public RUVH-Carn (21)	Comparisons with: Public RUVH-Carn (21)	Comparisons with: Public RUVH-Carn (21)
14 a. empstudy	1,291	3.17	3.11	.021	.005	.76	.78	26,842	.017	.07	
b. SEacademic	1,288	2.83	2.81	.024	.005	.87	.87	26,813	.316	.03	
c. SElearnsup	1,285	2.73	2.75	.026	.006	.95	.95	26,791	.405	-.02	
d. SEdiverse	1,287	2.52	2.57	.028	.006	1.01	1.00	26,773	.055	-.05	
e. SESocial	1,282	2.66	2.74	.027	.006	.96	.94	1,408	.007	-.08	
f. SEwellness	1,284	2.60	2.68	.027	.006	.98	.96	1,409	.005	-.08	
g. SENonacad	1,282	1.97	2.04	.027	.006	.98	.97	26,692	.017	-.07	
h. SEactivities	1,284	2.41	2.59	.029	.006	1.05	1.00	1,404	.000	-.18	
i. SEevents	1,283	2.27	2.28	.027	.006	.97	.96	26,683	.723	-.01	
15 a. SBmyself	1,286	3.21	3.25	.022	.005	.77	.75	26,673	.065	-.05	
b. SBvalued	1,282	2.80	2.81	.025	.006	.89	.88	26,659	.783	-.01	
c. SBcommunity	1,285	2.92	2.89	.024	.005	.87	.85	26,686	.157	.04	
16 a. tmprephrs	1,284	17.20	16.38	.253	.058	9.07	9.18	26,609	.002	.09	
b. tmcocurrhrs	1,283	4.29	4.53	.185	.041	6.62	6.59	26,573	.207	-.04	
c. tmworkonhrs	1,285	2.98	3.11	.188	.043	6.74	6.82	26,593	.486	-.02	
d. tmworkoffhrs	1,281	9.21	10.87	.337	.079	12.05	12.64	1,427	.000	-.13	
— tmworkhrs	1,279	12.15	13.96	.369	.084	13.21	13.32	26,496	.000	-.14	
e. tmservicehrs	1,280	2.65	2.74	.151	.033	5.42	5.32	26,558	.518	-.02	
f. tmrelaxhrs	1,281	11.29	11.89	.233	.054	8.33	8.54	26,571	.015	-.07	
g. tmcarehrs	1,279	4.63	4.49	.274	.059	9.80	9.42	26,545	.606	.01	
h. tmcommutehrs	1,282	2.32	3.64	.141	.035	5.05	5.54	1,442	.000	-.24	
17 reading	1,280	2.64	2.69	.032	.007	1.15	1.18	26,530	.121	-.04	
— tmreadinghrs	1,277	7.43	7.22	.185	.041	6.60	6.50	26,442	.273	.03	

# NSSE 2021 Frequencies and Statistical Comparisons

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

### Washington State University

#### Seniors

Variable Name	N		Mean		Standard error <sup>h</sup>		Standard deviation <sup>i</sup>		Degrees of freedom <sup>i</sup>	Significance <sup>k</sup>	Effect size <sup>e</sup>
	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	WSU	Public RUVH-Carn (21)	Comparisons with: Public RUVH-Carn (21)	Comparisons with: Public RUVH-Carn (21)	Comparisons with: Public RUVH-Carn (21)
18 a. pgwrite	1,282	3.01	2.94	.025	.006	.88	.90	1,422	.004	.08	
b. pgspeak	1,283	2.82	2.86	.026	.006	.94	.94	26,519	.102	-.05	
c. pgthink	1,285	3.31	3.26	.021	.005	.76	.80	1,435	.007	.07	
d. pganalyze	1,281	3.03	2.96	.025	.006	.90	.95	1,427	.007	.07	
e. pgwork	1,283	2.84	2.85	.028	.006	.99	.98	26,528	.751	-.01	
f. pgothers	1,283	3.01	3.00	.025	.006	.90	.89	26,532	.591	.02	
g. pgvalues	1,278	2.73	2.76	.028	.006	1.00	1.00	26,516	.377	-.03	
h. pgdiverse	1,279	2.76	2.82	.028	.006	.99	.98	26,503	.044	-.06	
i. pgprobsolve	1,282	2.86	2.82	.026	.006	.94	.96	26,525	.187	.04	
j. pgcitizen	1,281	2.65	2.69	.028	.006	1.00	1.00	26,535	.189	-.04	
19 evalexp	1,285	3.07	3.15	.022	.005	.80	.80	1,415	.000	-.10	
20 sameinst	1,284	3.17	3.19	.023	.005	.83	.83	26,656	.463	-.02	
21 covidexp	1,278	2.83	2.94	.027	.006	.96	.94	1,403	.000	-.11	

### 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."