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# **NSSE 2021**

## **Frequencies and Statistical Comparisons**

Washburn 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.

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



### NSSE 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>																			
<b>a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)</b>																			
	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>b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)</b>																			
	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
		2	Sometimes	267	42	5,959	37	978	34	79,495	34								
		3	Often	164	26	4,548	29	858	31	67,348	29								
		4	Very often	113	19	3,072	20	611	22	47,208	21								
			Total	626	100	19,948	100	2,851	100	229,541	100								
<b>c. Evaluated what others have concluded from numerical information</b>																			
	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

## Washburn 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	Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<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	5	2	482	4	573	3	7,973	4	<b>2.8</b>	2.7	.10	2.9	-.09	2.8	.03	
		2	Sometimes	112	39	4,814	40	6,810	34	82,114	37								
		3	Often	100	36	4,062	35	6,985	35	77,650	35								
		4	Very often	68	24	2,402	21	5,884	29	53,710	24								
		Total		285	100	11,760	100	20,252	100	221,447	100								
b. Asked another student to help you understand course material	CLaskhelp	1	Never	80	29	1,664	16	4,118	21	29,777	15	<b>2.1</b>	2.5 ***	-0.37	2.3 ***	-0.22	2.4 ***	-0.36	
		2	Sometimes	116	41	4,383	37	7,754	39	86,525	40								
		3	Often	58	20	3,882	32	5,304	26	68,641	30								
		4	Very often	29	10	1,776	15	2,922	14	35,135	15								
		Total		283	100	11,705	100	20,098	100	220,078	100								
c. Explained course material to one or more students	CLexplain	1	Never	69	26	1,226	11	3,165	16	22,215	11	<b>2.1</b>	2.5 ***	-0.43	2.4 ***	-0.30	2.5 ***	-0.44	
		2	Sometimes	130	45	4,639	40	8,182	40	87,627	40								
		3	Often	55	19	4,151	35	5,875	29	75,786	33								
		4	Very often	29	10	1,660	14	2,843	14	33,968	15								
		Total		283	100	11,676	100	20,065	100	219,596	100								
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	115	41	2,564	23	5,649	29	47,087	23	<b>1.9</b>	2.3 ***	-0.41	2.2 ***	-0.30	2.3 ***	-0.40	
		2	Sometimes	96	34	4,044	34	6,755	34	76,603	35								
		3	Often	43	16	3,284	28	4,682	23	60,760	27								
		4	Very often	28	9	1,739	15	2,867	14	33,947	15								
		Total		282	100	11,631	100	19,953	100	218,397	100								
e. Worked with other students on course projects or assignments	CLproject	1	Never	65	23	1,417	13	3,579	19	26,689	14	<b>2.1</b>	2.5 ***	-0.40	2.4 ***	-0.27	2.5 ***	-0.39	
		2	Sometimes	126	46	4,485	39	7,625	38	83,540	39								
		3	Often	71	24	4,029	34	5,702	29	72,263	32								
		4	Very often	18	6	1,652	14	2,918	15	34,612	15								
		Total		280	100	11,583	100	19,824	100	217,104	100								
f. Given a course presentation	present	1	Never	81	30	3,317	29	5,472	28	49,345	24	<b>2.0</b>	2.0	-0.10	2.1 ***	-0.19	2.2 ***	-0.23	
		2	Sometimes	142	50	5,190	44	8,163	40	96,763	44								
		3	Often	44	16	2,325	20	4,325	22	50,384	22								
		4	Very often	12	4	736	7	1,842	10	20,277	9								
		Total		279	100	11,568	100	19,802	100	216,769	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

## Washburn 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	Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn	Plains Public		Carnegie Class M		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<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	34	12	1,043	10	2,274	12	20,897	11	<b>2.5</b>	2.5	-.03	2.5	-.02	2.5	-.04
		2	Sometimes	112	39	4,729	41	7,746	39	85,091	40							
		3	Often	98	36	4,234	36	6,617	33	76,927	35							
		4	Very often	33	13	1,379	12	2,835	15	30,462	14							
		Total		277	100	11,385	100	19,472	100	213,377	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	28	10	1,332	13	1,995	11	20,801	11	<b>2.6</b>	2.5 *	.13	2.6	-.01	2.6	.02
		2	Sometimes	108	40	4,737	41	7,028	37	80,245	38							
		3	Often	94	34	3,853	34	6,847	35	75,653	35							
		4	Very often	45	16	1,395	12	3,434	17	34,758	16							
		Total		275	100	11,317	100	19,304	100	211,457	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	24	9	1,648	16	2,029	12	22,281	12	<b>2.7</b>	2.4 ***	.33	2.6	.11	2.6 **	.16
		2	Sometimes	93	32	4,675	41	6,662	35	76,502	37							
		3	Often	97	36	3,429	30	6,644	34	73,004	34							
		4	Very often	60	22	1,472	13	3,758	19	37,688	17							
		Total		274	100	11,224	100	19,093	100	209,475	100							
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	8	3	651	6	887	5	10,176	5	<b>2.8</b>	2.7 *	.15	2.8	.00	2.8	.06
		2	Sometimes	91	34	3,868	34	5,725	30	65,738	32							
		3	Often	121	43	4,872	44	8,269	43	92,129	44							
		4	Very often	53	21	1,713	16	3,973	21	38,825	19							
		Total		273	100	11,104	100	18,854	100	206,868	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	6	3	374	4	525	3	6,206	3	<b>3.0</b>	2.8 *	.15	3.0	.00	2.9	.07
		2	Sometimes	75	27	3,277	30	4,584	25	52,985	26							
		3	Often	107	41	4,969	45	8,443	45	94,719	46							
		4	Very often	77	29	2,334	22	5,020	27	49,582	24							
		Total		265	100	10,954	100	18,572	100	203,492	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	9	4	375	4	624	4	6,374	4	<b>2.9</b>	2.8	.10	2.9	.00	2.8	.03
		2	Sometimes	75	28	3,555	33	5,392	30	60,463	31							
		3	Often	122	47	4,925	45	7,885	42	89,656	44							
		4	Very often	56	21	1,974	18	4,364	24	43,669	22							
		Total		262	100	10,829	100	18,265	100	200,162	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

## Washburn 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	Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021				Washburn	Plains Public		Carnegie Class M		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		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	3	1	183	2	307	2	3,075	2	<b>3.0</b>	3.0	.07	3.0	.00	3.0	.02								
		2	Sometimes	53	21	2,365	23	3,846	22	41,741	22															
		3	Often	131	50	5,551	51	8,600	47	97,854	49															
		4	Very often	69	27	2,607	25	5,276	29	54,814	28															
		Total		256	100	10,706	100	18,029	100	197,484	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	35	14	1,978	19	3,774	22	40,632	22	<b>2.5</b>	2.3 ***	.22	2.3 ***	.24	2.3 ***	.26								
		2	Sometimes	103	40	4,717	44	7,799	43	85,571	43															
		3	Often	73	29	2,713	25	4,071	22	46,267	23															
		4	Very often	47	17	1,275	12	2,368	13	24,768	12															
		Total		258	100	10,683	100	18,012	100	197,238	100															
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	129	49	5,225	49	9,960	56	100,239	52	<b>1.8</b>	1.8	.02	1.7	.11	1.7	.06								
		2	Sometimes	79	30	3,309	31	4,774	26	58,359	29															
		3	Often	34	14	1,535	14	2,065	12	25,599	13															
		4	Very often	16	7	576	6	1,074	6	11,920	6															
		Total		258	100	10,645	100	17,873	100	196,117	100															
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	101	39	3,917	37	7,158	41	68,631	37	<b>2.0</b>	1.9	.07	1.9	.08	1.9	.02								
		2	Sometimes	94	36	4,365	41	6,529	36	78,154	39															
		3	Often	41	17	1,696	16	2,780	16	33,624	17															
		4	Very often	21	9	566	6	1,211	7	13,674	7															
		Total		257	100	10,544	100	17,678	100	194,083	100															
d. Discussed your academic performance with a faculty member	SFperform	1	Never	59	22	3,049	29	4,893	28	51,457	27	<b>2.2</b>	2.0 **	.17	2.1	.12	2.1	.11								
		2	Sometimes	119	46	4,839	46	7,933	44	87,277	45															
		3	Often	53	22	1,999	19	3,416	19	39,521	20															
		4	Very often	24	10	679	6	1,437	8	15,769	8															
		Total		255	100	10,566	100	17,679	100	194,024	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	14	7	425	4	897	5	8,709	5	<b>2.8</b>	2.8	-.09	2.9	-.10	2.9	-.11								
		2	Some	78	31	2,908	28	4,796	28	52,622	28															
		3	Quite a bit	107	40	4,910	47	7,552	43	85,675	44															
		4	Very much	54	22	2,266	21	4,289	24	45,563	23															
		Total		253	100	10,509	100	17,534	100	192,569	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

## Washburn 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	Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021				Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	13	6	377	4	720	4	7,486	4	<b>2.8</b>	2.8	-.03	2.9	-.08	2.9	-.08																	
		2	Some	72	28	2,964	29	4,513	26	50,065	26																								
		3	Quite a bit	113	44	4,950	47	7,930	45	88,870	46																								
		4	Very much	54	22	2,162	20	4,247	24	44,903	23																								
		Total		252	100	10,453	100	17,410	100	191,324	100																								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	15	6	429	4	668	4	7,447	4	<b>2.8</b>	2.8	.04	2.9	-.08	2.9	-.05																	
		2	Some	72	29	3,187	31	4,532	26	50,628	27																								
		3	Quite a bit	101	40	4,605	45	7,506	43	84,534	44																								
		4	Very much	61	25	2,091	20	4,480	26	46,469	24																								
		Total		249	100	10,312	100	17,186	100	189,078	100																								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	11	4	525	5	572	4	7,314	4	<b>2.8</b>	2.8	.07	3.0 *	-.15	2.9	-.06																	
		2	Some	68	30	3,194	31	4,056	24	48,799	26																								
		3	Quite a bit	113	44	4,591	45	7,778	45	85,823	45																								
		4	Very much	56	22	1,979	20	4,681	27	46,109	24																								
		Total		248	100	10,289	100	17,087	100	188,045	100																								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	9	3	444	4	635	4	6,988	4	<b>2.9</b>	2.8	.09	2.9	-.05	2.9	.00																	
		2	Some	67	29	3,005	30	4,186	25	48,916	27																								
		3	Quite a bit	113	45	4,818	47	7,728	45	86,600	46																								
		4	Very much	58	23	1,962	19	4,435	26	44,509	23																								
		Total		247	100	10,229	100	16,984	100	187,013	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	9	4	250	3	448	3	4,534	3	<b>3.0</b>	3.0	-.04	3.1 *	-.13	3.0	-.07																	
		2	Some	60	26	2,242	22	3,295	20	39,021	21																								
		3	Quite a bit	101	38	4,797	47	7,261	43	84,500	45																								
		4	Very much	77	32	2,887	29	5,864	35	57,561	31																								
		Total		247	100	10,176	100	16,868	100	185,616	100																								
b. Taught course sessions in an organized way	ETorganize	1	Very little	16	7	477	5	894	6	8,602	5	<b>2.9</b>	2.9	-.04	3.0	-.12	3.0	-.06																	
		2	Some	59	25	2,308	22	3,483	21	41,294	23																								
		3	Quite a bit	101	39	4,735	46	6,923	41	82,197	44																								
		4	Very much	71	29	2,623	26	5,499	33	52,872	29																								
		Total		247	100	10,143	100	16,799	100	184,965	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

## Washburn 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	Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021				Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	11	5	398	4	758	5	7,278	4	<b>2.9</b>	3.0	-.07	3.0 *	-.15	3.0	-.11									
		2	Some	65	26	2,453	24	3,722	22	42,211	23																
		3	Quite a bit	111	44	4,492	44	6,617	39	78,647	42																
		4	Very much	61	25	2,791	28	5,678	34	56,469	30																
		Total		248	100	10,134	100	16,775	100	184,605	100																
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	25	11	938	9	1,235	8	14,360	8	<b>2.7</b>	2.7	-.02	2.9 ***	-.24	2.8	-.12									
		2	Some	75	31	3,373	33	4,262	25	53,351	29																
		3	Quite a bit	91	35	3,666	36	5,904	35	67,995	36																
		4	Very much	56	23	2,126	22	5,331	32	48,526	26																
		Total		247	100	10,103	100	16,732	100	184,232	100																
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	23	9	970	10	1,358	8	16,418	9	<b>2.7</b>	2.7	.05	2.8	-.12	2.7	.00									
		2	Some	72	31	3,447	33	4,715	28	58,370	32																
		3	Quite a bit	99	38	3,731	37	6,016	36	68,210	37																
		4	Very much	52	22	1,926	20	4,566	28	40,591	22																
		Total		246	100	10,074	100	16,655	100	183,589	100																
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	13	5	160	4	317	4	3,378	5	<b>2.9</b>	3.0 **	-.19	3.1 **	-.20	3.0	-.10									
		2	Some	57	25	837	21	1,705	21	18,233	23																
		3	Quite a bit	114	45	1,546	40	3,404	41	32,887	41																
		4	Very much	62	24	1,326	34	2,765	34	23,329	30																
		Total		246	100	3,869	100	8,191	100	77,827	100																
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	7	3	141	4	274	4	2,921	4	<b>2.9</b>	3.0 *	-.17	3.0 **	-.19	2.9	-.10									
		2	Some	71	30	891	23	1,767	22	18,671	24																
		3	Quite a bit	111	44	1,608	42	3,596	43	34,554	44																
		4	Very much	57	23	1,209	31	2,539	31	21,431	28																
		Total		246	100	3,849	100	8,176	100	77,577	100																
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	27	11	411	11	805	10	8,619	12	<b>2.5</b>	2.7	-.13	2.7 *	-.14	2.6	-.05									
		2	Some	98	39	1,284	33	2,783	34	27,569	35																
		3	Quite a bit	88	37	1,364	36	2,909	35	27,777	35																
		4	Very much	33	14	788	21	1,658	21	13,413	17																
		Total		246	100	3,847	100	8,155	100	77,378	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

## Washburn 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	Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021				Washburn	Plains Public		Carnegie Class M		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	6	3	112	3	231	3	2,457	4	<b>3.0</b>	3.1	-.11	3.1	-.11	3.1	-.05								
		2	Some	53	24	689	18	1,436	18	14,406	19															
		3	Quite a bit	103	40	1,579	41	3,475	42	33,464	43															
		4	Very much	85	33	1,460	38	2,994	37	26,868	35															
		Total		247	100	3,840	100	8,136	100	77,195	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	36	14	1,026	10	1,877	11	19,390	10	<b>2.5</b>	2.6	-.13	2.6	-.12	2.6 *	▽								
		2	Sometimes	95	39	3,819	38	6,157	37	67,620	37															
		3	Often	78	32	3,703	38	5,636	35	65,553	37															
		4	Very often	33	14	1,365	14	2,632	17	27,283	16															
		Total		242	100	9,913	100	16,302	100	179,846	100															
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public	QRproblem	1	Never	49	20	1,963	19	3,205	20	33,769	19	<b>2.3</b>	2.3	-.03	2.4	-.06	2.3	-.06								
		2	Sometimes	108	43	4,045	41	6,310	39	71,619	40															
		3	Often	56	24	2,864	30	4,625	29	52,326	29															
		4	Very often	30	12	1,012	11	2,075	13	21,120	12															
		Total		243	100	9,884	100	16,215	100	178,834	100															
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	59	24	1,839	18	3,321	20	32,356	18	<b>2.2</b>	2.3	-.10	2.3	-.07	2.3	-.11								
		2	Sometimes	101	41	4,183	42	6,666	41	74,591	42															
		3	Often	55	25	2,952	31	4,394	28	52,633	30															
		4	Very often	27	11	876	9	1,755	11	18,456	11															
		Total		242	100	9,850	100	16,136	100	178,036	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	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	23	10	888	9	1,132	7	11,641	7	<b>6.6</b>	6.2	.07	6.9	-.05	6.5	.01								
		1.5	1-2	61	25	2,271	23	2,980	18	35,159	20															
		4	3-5	60	25	2,907	30	4,924	30	56,967	32															
		8	6-10	45	20	1,999	21	3,696	23	39,807	22															
		13	11-15	20	8	897	9	1,650	10	17,858	10															
		18	16-20	13	5	420	4	771	5	7,435	4															
		23	More than 20	18	7	426	5	951	6	8,813	5															
Total		240	100	9,808	100	16,104	100	177,680	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

## Washburn 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	Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021				Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	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	124	51	4,474	45	6,154	39	66,223	39	<b>1.9</b>	2.0	-.04	2.5 **	-0.16	2.3	-.13																	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	66	28	3,146	32	5,251	32	62,541	34																								
	4	3-5	30	13	1,360	14	2,759	17	30,087	17																									
	8	6-10	14	5	524	6	1,252	8	12,236	7																									
	13	11-15	3	2	176	2	347	2	3,725	2																									
	18	16-20	1	0	38	0	127	1	1,019	1																									
	23	More than 20	2	1	61	1	139	1	1,273	1																									
	Total			240	100	9,779	100	16,029	100	177,104	100																								
c. 11 pages or more	wrlongnum	0	None	198	81	7,997	81	12,186	76	135,891	77	<b>.9</b>	.8	.02	1.2	-.08	1.0	-.04																	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	30	12	1,104	11	2,253	14	25,955	14																								
	4	3-5	4	3	304	3	666	4	6,707	4																									
	8	6-10	3	1	183	2	437	3	3,948	2																									
	13	11-15	5	2	138	1	296	2	2,820	2																									
	18	16-20	2	1	27	0	79	1	733	0																									
	23	More than 20	1	0	51	1	123	1	1,172	1																									
	Total			243	100	9,804	100	16,040	100	177,226	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>46.1</b>	46.5	-.01	57.1 *	-.14	52.8	-.09																	
<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	14	5	610	7	1,239	8	10,147	6	<b>2.9</b>	2.8	.11	3.0	-.06	3.0	-.05																	
		2	Sometimes	74	30	3,239	33	3,955	24	46,470	26																								
		3	Often	76	32	3,181	32	4,940	31	56,566	32																								
		4	Very often	77	32	2,749	28	5,907	37	63,861	36																								
			Total	241	100	9,779	100	16,041	100	177,044	100																								
b. People from an economic background other than your own	DDeconomic	1	Never	15	6	516	6	1,179	8	9,963	6	<b>2.8</b>	2.9	-.04	2.9	-.09	2.9	-.10																	
		2	Sometimes	71	29	2,770	28	4,007	25	45,062	26																								
		3	Often	91	38	3,749	38	5,587	35	63,883	36																								
		4	Very often	64	27	2,720	28	5,220	33	57,675	32																								
			Total	241	100	9,755	100	15,993	100	176,583	100																								

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

# NSSE 2021 Frequencies and Statistical Comparisons

## Washburn 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	Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021				Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	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	20	8	662	7	1,509	10	14,949	9	<b>2.8</b>	2.9	-.08	2.8	-.05	2.8	-.07									
		2	Sometimes	79	33	2,809	29	4,668	29	50,284	28																
		3	Often	75	31	3,423	34	4,829	30	56,226	32																
		4	Very often	66	28	2,860	29	4,982	31	55,134	31																
		Total		240	100	9,754	100	15,988	100	176,593	100																
d. People with political views other than your own	DDpolitical	1	Never	21	9	619	7	1,547	10	14,966	9	<b>2.8</b>	2.9	-.10	2.8	-.01	2.8	.00									
		2	Sometimes	70	30	2,708	28	4,635	29	54,368	30																
		3	Often	83	33	3,376	34	4,919	31	55,262	31																
		4	Very often	66	28	3,060	31	4,895	31	52,114	30																
		Total		240	100	9,763	100	15,996	100	176,710	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	6	3	277	3	365	3	3,822	2	<b>2.9</b>	2.9	-.05	3.0 **	-.21	3.0 *	-.15									
		2	Sometimes	73	31	2,603	27	3,380	22	39,936	23																
		3	Often	100	42	4,543	46	7,186	45	82,718	47																
		4	Very often	59	24	2,289	24	4,968	31	49,061	27																
		Total		238	100	9,712	100	15,899	100	175,537	100																
b. Reviewed your notes after class	LSnotes	1	Never	15	7	523	6	739	5	8,309	5	<b>2.7</b>	2.8	-.13	3.0 ***	-.29	2.9 **	-.20									
		2	Sometimes	92	39	3,025	31	3,967	26	50,469	29																
		3	Often	68	29	3,547	37	5,746	36	63,812	36																
		4	Very often	64	25	2,610	26	5,414	33	52,731	29																
		Total		239	100	9,705	100	15,866	100	175,321	100																
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	18	8	660	7	804	5	9,637	6	<b>2.7</b>	2.8	-.06	2.9 ***	-.24	2.8 *	-.15									
		2	Sometimes	85	35	3,146	32	4,282	27	52,903	30																
		3	Often	86	37	3,819	39	6,200	39	68,431	39																
		4	Very often	50	20	2,080	22	4,606	28	44,393	25																
		Total		239	100	9,705	100	15,892	100	175,364	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

## Washburn 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	Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	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	2	1	80	1	146	1	1,442	1	<b>5.4</b>	5.3	.09	5.5	-.05	5.4	.04	
		2		2	1	122	1	223	2	2,207	1								
		3		8	3	491	5	688	4	8,163	5								
		4		34	14	1,274	13	1,840	12	21,522	13								
		5		85	36	3,384	34	4,669	29	58,006	33								
		6		52	19	2,419	25	3,698	23	43,791	24								
		7	Very much	56	26	1,878	20	4,512	29	39,071	22								
			Total	239	100	9,648	100	15,776	100	174,202	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	Have not decided	45	19	1,406	15	2,682	18	25,411	16	<b>7%</b>	6%	.05	6%	.03	6%	.03	
			Do not plan to do	20	8	651	7	960	7	9,436	6								
			Plan to do	160	66	7,005	72	11,152	69	127,745	72								
			Done or in progress	13	7	556	6	941	6	11,141	6								
			Total	238	100	9,618	100	15,735	100	173,733	100								
b.	Hold a formal leadership role in a student organization or group	leader	Have not decided	74	31	2,864	30	5,184	33	51,920	30	<b>11%</b>	11%	.01	8%	.10	9%	.08	
			Do not plan to do	88	37	2,407	26	4,204	27	42,167	26								
			Plan to do	50	21	3,299	33	5,045	32	63,736	36								
			Done or in progress	24	11	1,044	11	1,252	8	15,449	9								
			Total	236	100	9,614	100	15,685	100	173,272	100								
c.	Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	Have not decided	102	43	3,079	33	5,919	38	61,282	35	<b>10%</b>	15%	-.14	10%	.00	11%	-.02	
			Do not plan to do	66	27	2,694	29	3,848	25	44,065	26								
			Plan to do	44	19	2,248	23	4,294	27	48,312	27								
			Done or in progress	25	10	1,547	15	1,580	10	19,011	11								
			Total	237	100	9,568	100	15,641	100	172,670	100								
d.	Participate in a study abroad program	abroad	Have not decided	93	38	2,877	31	4,887	31	50,610	30	<b>2%</b>	2%	.03	2%	.00	2%	.02	
			Do not plan to do	90	39	3,351	38	5,391	35	49,879	31								
			Plan to do	51	20	3,155	30	4,994	31	68,566	37								
			Done or in progress	4	2	186	2	356	2	3,590	2								
			Total	238	100	9,569	100	15,628	100	172,645	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

## Washburn 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	Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
e. Work with a faculty member on a research project	research		Have not decided	109	46	3,850	40	6,602	42	68,282	40	<b>5%</b>	4%	.06	4%	.07	4%	.05	
			Do not plan to do	75	31	2,627	28	4,110	27	39,837	24								
			Plan to do	41	18	2,682	28	4,330	28	57,248	33								
			Done or in progress	12	5	394	4	589	4	7,282	4								
			Total	237	100	9,553	100	15,631	100	172,649	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone		Have not decided	96	41	3,502	37	5,920	39	60,253	36	<b>2%</b>	2%	-.02	2%	-.02	2%	.00	
			Do not plan to do	38	16	1,269	14	1,966	13	18,304	11								
			Plan to do	100	41	4,598	47	7,415	46	90,896	51								
			Done or in progress	4	2	187	2	317	2	3,094	2								
			Total	238	100	9,556	100	15,618	100	172,547	100								
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																			
	servcourse	1	None	106	45	4,702	50	7,703	50	87,056	51	<b>1.7</b>	1.6 *	.15	1.6	.09	1.6 *	.17	
			2	Some	99	41	4,014	41	6,196	40	69,610								40
			3	Most	25	12	659	7	1,252	8	12,144								7
			4	All	5	2	137	2	364	3	2,758								2
			Total	235	100	9,512	100	15,515	100	171,568	100								
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	10	5	152	2	331	2	3,554	2	<b>5.0</b>	5.4 ***	-.28	5.4 ***	-.27	5.3 **	-.23	
			2	14	5	184	2	417	3	4,118	3								
			3	21	9	461	5	847	5	9,145	6								
			4	28	11	1,110	12	1,814	12	20,654	12								
			5	56	24	2,618	27	3,619	23	44,130	25								
			6	52	22	2,681	27	3,645	23	44,915	25								
			7	Excellent	51	21	2,149	23	4,305	28	40,694								24
			—	Not applicable	6	3	153	2	532	4	4,339								3
			Total	238	100	9,508	100	15,510	100	171,549	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

## Washburn 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	NSSE 2020 & 2021								Your first-year students compared with							
				Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021				
				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	8	4	259	3	537	4	5,886	4	<b>5.2</b>	5.2	.00	5.3	-.05	5.1	.06	
		2		16	7	319	3	559	4	6,875	4								
		3		10	4	605	6	992	6	11,803	7								
		4		28	12	1,296	13	1,862	12	23,284	14								
		5		53	22	2,115	22	2,945	19	36,312	21								
		6		55	23	2,185	23	3,139	20	36,111	20								
		7	Excellent	54	24	2,027	22	4,250	28	36,606	22								
		—	Not applicable	13	4	695	7	1,215	8	14,454	9								
	Total			237	100	9,501	100	15,499	100	171,331	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	4	2	150	2	296	2	2,870	2	<b>3.0</b>	3.0	-.09	3.1 *	-.14	3.1 *	-.15	
		2	Some	50	23	1,839	20	2,900	19	32,159	20								
		3	Quite a bit	123	53	4,943	52	7,318	47	81,677	48								
		4	Very much	58	23	2,534	27	4,917	31	53,877	31								
			Total			235	100	9,466	100	15,431	100								170,583
b. Providing support to help students succeed academically	SEacademic	1	Very little	9	4	373	4	752	5	7,161	5	<b>2.9</b>	2.9	-.11	3.0 **	-.20	3.0 *	-.15	
		2	Some	66	29	2,152	23	3,183	21	37,508	23								
		3	Quite a bit	101	43	4,302	45	6,160	40	72,635	42								
		4	Very much	58	23	2,611	27	5,289	34	52,848	30								
			Total			234	100	9,438	100	15,384	100								170,152
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	30	13	634	7	1,022	7	10,917	7	<b>2.7</b>	3.0 ***	-.26	3.1 ***	-.36	3.0 ***	-.31	
		2	Some	50	23	1,857	20	2,743	18	32,310	20								
		3	Quite a bit	96	41	3,762	40	5,454	35	64,481	38								
		4	Very much	57	23	3,175	33	6,142	40	62,271	36								
			Total			233	100	9,428	100	15,361	100								169,979
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	30	13	1,203	13	1,862	12	19,330	12	<b>2.6</b>	2.6	-.05	2.8 **	-.21	2.7 **	-.17	
		2	Some	75	33	3,024	32	4,152	27	48,628	29								
		3	Quite a bit	90	38	3,365	36	5,116	33	59,440	35								
		4	Very much	38	15	1,817	19	4,202	27	42,363	25								
			Total			233	100	9,409	100	15,332	100								169,761

\*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

## Washburn 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	Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021				Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	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	33	15	688	8	1,452	10	14,199	9	<b>2.6</b>	2.8 **	-0.21	2.9 ***	-0.25	2.8 **	-0.22	<b>2.6</b>	▽	▽	▽					
		2	Some	66	28	2,473	27	3,862	25	43,627	26																
		3	Quite a bit	86	35	3,939	42	5,438	35	65,158	38																
		4	Very much	49	21	2,296	23	4,551	30	46,498	27																
		Total		234	100	9,396	100	15,303	100	169,482	100																
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	21	9	741	9	1,520	10	14,098	9	<b>2.8</b>	2.8	-0.02	2.8	-0.04	2.8	-0.05	<b>2.8</b>								
		2	Some	64	28	2,448	27	3,917	26	43,779	26																
		3	Quite a bit	90	37	3,834	41	5,457	35	64,800	38																
		4	Very much	60	25	2,358	24	4,379	29	46,596	27																
		Total		235	100	9,381	100	15,273	100	169,273	100																
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	59	26	2,246	25	3,777	25	39,987	24	<b>2.2</b>	2.2	-0.07	2.3 *	-0.15	2.3	-0.12	<b>2.2</b>		▽						
		2	Some	98	40	3,571	38	5,198	34	61,838	36																
		3	Quite a bit	55	24	2,551	27	3,896	26	44,463	26																
		4	Very much	22	10	1,004	11	2,386	16	22,799	13																
		Total		234	100	9,372	100	15,257	100	169,087	100																
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	46	20	1,317	15	3,112	20	25,387	16	<b>2.4</b>	2.6 **	-0.21	2.6 **	-0.17	2.6 **	-0.22	<b>2.4</b>	▽	▽	▽					
		2	Some	75	33	2,718	29	3,929	25	46,983	28																
		3	Quite a bit	80	34	3,540	38	4,738	31	58,818	34																
		4	Very much	32	13	1,782	18	3,461	23	37,754	22																
		Total		233	100	9,357	100	15,240	100	168,942	100																
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	60	28	2,028	23	3,483	23	32,456	20	<b>2.3</b>	2.3	-0.02	2.4	-0.12	2.4 *	-0.14	<b>2.3</b>		▽						
		2	Some	76	31	3,522	38	4,863	32	58,911	35																
		3	Quite a bit	69	28	2,762	29	4,378	28	51,368	30																
		4	Very much	30	13	1,046	11	2,521	16	26,222	15																
		Total		235	100	9,358	100	15,245	100	168,957	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

## Washburn 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	Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	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	5	2	158	2	344	3	3,471	2	<b>3.2</b>	3.2	-.09	3.3	-.11	3.2	-.08	
		2	Disagree	19	10	705	8	1,160	8	13,452	8								
		3	Agree	134	56	5,104	54	7,841	51	90,750	53								
		4	Strongly agree	74	32	3,386	36	5,908	39	61,195	36								
		Total		232	100	9,353	100	15,253	100	168,868	100								
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	7	3	339	4	484	4	5,931	4	<b>2.9</b>	3.0	-.02	3.1 **	-.19	3.0	-.06	
		2	Disagree	40	18	1,569	17	2,056	14	27,206	17								
		3	Agree	144	61	5,423	57	8,276	54	95,477	56								
		4	Strongly agree	43	18	2,018	22	4,407	29	40,016	24								
		Total		234	100	9,349	100	15,223	100	168,630	100								
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	10	5	327	4	631	5	6,757	4	<b>2.9</b>	3.0	-.11	3.0 *	-.17	3.0	-.11	
		2	Disagree	55	24	1,630	18	2,591	17	30,390	19								
		3	Agree	118	50	5,174	54	7,686	50	89,297	52								
		4	Strongly agree	50	22	2,223	24	4,344	29	42,391	25								
		Total		233	100	9,354	100	15,252	100	168,835	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>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	0	0	34	0	81	1	664	0	<b>15.2</b>	14.7	.07	14.4	.10	15.0	.03	
		3	1-5 hrs	23	10	1,037	11	2,050	15	19,578	12								
		8	6-10 hrs	56	25	2,141	23	3,214	22	35,573	21								
		13	11-15 hrs	47	20	2,167	23	3,255	22	37,232	22								
		18	16-20 hrs	50	21	1,896	20	3,022	19	33,409	20								
		23	21-25 hrs	23	10	1,074	11	1,702	11	20,464	12								
		28	26-30 hrs	17	8	521	6	917	6	10,345	6								
		33	More than 30 hrs	16	6	454	5	925	6	10,924	7								
		Total		232	100	9,324	100	15,166	100	168,189	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

## Washburn 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	NSSE 2020 & 2021								Your first-year students compared with						
				Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	120	51	3,072	35	7,003	47	64,692	41	<b>4.4</b>	5.3	-.13	4.5	-.01	4.9	-.07
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	50	21	3,303	34	4,154	27	51,172	29							
	8	6-10 hrs	29	12	1,402	15	1,611	11	23,084	13								
	13	11-15 hrs	15	8	701	8	1,088	7	13,558	8								
	18	16-20 hrs	10	4	413	5	601	4	7,866	5								
	23	21-25 hrs	5	3	221	3	322	2	3,849	2								
	28	26-30 hrs	2	1	74	1	151	1	1,454	1								
	33	More than 30 hrs	2	1	125	1	187	1	2,128	1								
	Total			233	100	9,311	100	15,117	100	167,803	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	195	84	7,310	79	12,787	85	136,975	83	<b>2.2</b>	2.5	-.04	1.9	.07	2.0	.04
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	6	3	334	3	492	3	6,541	3							
	8	6-10 hrs	6	2	609	6	679	4	9,926	5								
	13	11-15 hrs	10	4	569	6	521	4	6,922	4								
	18	16-20 hrs	8	4	348	4	394	3	4,550	3								
	23	21-25 hrs	4	2	85	1	126	1	1,623	1								
	28	26-30 hrs	0	0	19	0	40	0	460	0								
	33	More than 30 hrs	2	1	41	0	92	1	894	1								
	Total			231	100	9,315	100	15,131	100	167,891	100							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	92	40	5,896	62	8,552	57	108,697	64	<b>11.4</b>	6.9 ***	.42	8.6 ***	.24	6.6 ***	.46
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	8	3	510	5	759	5	8,243	5							
	8	6-10 hrs	25	11	541	6	919	6	9,327	5								
	13	11-15 hrs	24	9	535	6	931	6	9,608	6								
	18	16-20 hrs	27	12	529	6	1,011	7	10,392	6								
	23	21-25 hrs	20	7	404	5	762	5	7,709	5								
	28	26-30 hrs	10	5	204	2	505	3	4,533	3								
	33	More than 30 hrs	27	12	703	9	1,703	12	9,501	7								
	Total			233	100	9,322	100	15,142	100	168,010	100							
Estimated number of hours working for pay	tmworkhrs											<b>13.7</b>	9.3 ***	.36	10.4 ***	.25	8.5 ***	.43
(Continuous variable created by NSSE)																		

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

# NSSE 2021 Frequencies and Statistical Comparisons

## Washburn 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	Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021			
				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	162	69	5,959	64	9,283	60	106,348	64	<b>1.7</b>	2.1	-.09	2.6 ***	-.17	2.2	-.11
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	53	23	2,489	26	3,968	26	43,559	25							
	8	6-10 hrs	10	5	417	5	926	7	8,881	5								
	13	11-15 hrs	2	1	216	2	445	3	4,411	3								
	18	16-20 hrs	4	2	119	1	246	2	2,285	1								
	23	21-25 hrs	0	0	68	1	107	1	1,174	1								
	28	26-30 hrs	0	0	17	0	50	0	409	0								
	33	More than 30 hrs	1	0	35	0	120	1	846	1								
	Total			232	100	9,320	100	15,145	100	167,913	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	3	1	148	2	544	4	3,574	2	<b>12.3</b>	13.2	-.11	11.7	.07	12.4	-.02
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	53	23	1,660	17	3,775	25	35,391	21							
	8	6-10 hrs	56	23	2,445	26	4,014	26	45,359	26								
	13	11-15 hrs	52	22	2,088	22	2,909	19	35,200	21								
	18	16-20 hrs	35	16	1,458	16	1,760	12	22,727	14								
	23	21-25 hrs	20	9	628	7	819	6	10,466	6								
	28	26-30 hrs	0	0	276	3	405	3	4,612	3								
	33	More than 30 hrs	14	6	610	7	919	7	10,612	7								
	Total			233	100	9,313	100	15,145	100	167,941	100							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	152	64	7,293	77	9,715	63	124,477	73	<b>4.3</b>	3.5	.08	5.8 **	-.14	3.4	.11
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	36	15	673	8	1,830	12	17,880	11							
	8	6-10 hrs	15	7	314	4	831	6	7,899	5								
	13	11-15 hrs	6	3	259	3	570	4	5,500	3								
	18	16-20 hrs	7	4	160	2	378	3	3,161	2								
	23	21-25 hrs	2	1	84	1	218	2	1,829	1								
	28	26-30 hrs	3	1	49	1	138	1	874	1								
	33	More than 30 hrs	13	5	479	6	1,440	10	6,093	4								
	Total			234	100	9,311	100	15,120	100	167,713	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

## Washburn 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	Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021				Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	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	0	0 hrs	87	37	4,348	46	8,679	57	84,337	49	<b>3.2</b>	3.2	.01	3.2	.00	3.5	-.04									
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	117	50	3,608	39	3,942	26	53,139	32																
	8	6-10 hrs	16	7	720	8	1,245	9	15,848	10																	
	13	11-15 hrs	6	3	310	3	566	4	6,875	4																	
	18	16-20 hrs	2	1	142	2	279	2	3,289	2																	
	23	21-25 hrs	2	1	84	1	153	1	1,682	1																	
	28	26-30 hrs	2	1	31	0	64	0	710	0																	
	33	More than 30 hrs	2	1	76	1	210	2	2,117	1																	
	Total			234	100	9,319	100	15,138	100	167,997	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	1	Very little	32	14	1,386	15	1,539	11	18,445	12	<b>2.6</b>	2.6	.05	2.8 **	-0.17	2.7	-0.12									
		2	Some	81	37	3,568	38	4,900	32	56,997	35																
		3	About half	69	29	2,555	27	4,703	31	48,915	29																
		4	Most	36	15	1,360	15	2,853	19	31,525	18																
		5	Almost all	14	5	428	5	1,117	7	11,742	7																
			Total	232	100	9,297	100	15,112	100	167,624	100																
	tmreadinghrs											<b>6.5</b>	6.1	.07	6.8	-0.05	6.8	-0.05									
	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																										
	tmreadinghrscol	1	0 hrs	0	0	34	0	79	1	647	0	<b>6.5</b>	6.1	.07	6.8	-0.05	6.8	-0.05									
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	122	53	5,174	56	7,348	50	80,953	50																
		3	More than 5, up to 10 hrs	60	27	2,563	27	4,341	28	49,814	29																
		4	More than 10, up to 15 hrs	24	10	776	8	1,666	10	17,808	10																
		5	More than 15, up to 20 hrs	13	5	389	4	839	5	9,382	5																
		6	More than 20, up to 25 hrs	8	3	230	3	520	3	5,963	3																
		7	More than 25 hrs	3	1	99	1	248	2	2,395	1																
			Total	230	100	9,265	100	15,041	100	166,962	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

## Washburn 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	Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	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	15	6	830	9	774	6	11,472	7	<b>2.8</b>	2.7	.07	2.9 **	-.20	2.8	-.03	
		2	Some	77	33	2,953	31	3,574	24	46,666	28								
		3	Quite a bit	94	39	3,815	41	6,433	42	71,526	42								
		4	Very much	48	22	1,708	19	4,283	29	37,626	23								
		Total		234	100	9,306	100	15,064	100	167,290	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	32	13	1,124	12	1,532	10	18,768	12	<b>2.5</b>	2.6	-.07	2.8 ***	-.25	2.7 *	-.13	
		2	Some	87	37	3,166	34	4,205	28	52,001	31								
		3	Quite a bit	75	32	3,412	37	5,616	37	62,564	37								
		4	Very much	39	17	1,590	18	3,687	25	33,746	20								
		Total		233	100	9,292	100	15,040	100	167,079	100								
c. Thinking critically and analytically	pgthink	1	Very little	12	5	312	4	466	3	5,252	4	<b>3.0</b>	3.0	-.01	3.1 *	-.15	3.1	-.07	
		2	Some	41	17	1,942	21	2,566	17	32,005	20								
		3	Quite a bit	117	51	4,361	46	6,498	43	75,071	44								
		4	Very much	64	27	2,676	29	5,532	37	54,786	33								
		Total		234	100	9,291	100	15,062	100	167,114	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	33	14	1,121	12	1,935	13	20,792	12	<b>2.5</b>	2.7	-.12	2.7 *	-.14	2.7 *	-.14	
		2	Some	80	33	2,892	31	4,485	29	51,104	30								
		3	Quite a bit	85	37	3,408	37	5,169	34	59,797	36								
		4	Very much	36	16	1,882	21	3,452	23	35,343	22								
		Total		234	100	9,303	100	15,041	100	167,036	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	38	15	1,114	12	2,058	14	23,261	15	<b>2.5</b>	2.6	-.11	2.7 *	-.14	2.6	-.06	
		2	Some	76	33	3,045	32	4,512	30	54,247	32								
		3	Quite a bit	81	36	3,342	36	5,004	33	56,790	34								
		4	Very much	39	16	1,794	20	3,471	23	32,788	20								
		Total		234	100	9,295	100	15,045	100	167,086	100								
f. Working effectively with others	pgothers	1	Very little	22	10	703	8	1,189	8	13,256	9	<b>2.6</b>	2.8 *	-.16	2.9 ***	-.26	2.8 **	-.18	
		2	Some	81	35	2,698	29	3,920	26	46,417	28								
		3	Quite a bit	90	38	3,849	40	5,715	38	66,839	39								
		4	Very much	40	17	2,036	22	4,211	28	40,534	24								
		Total		233	100	9,286	100	15,035	100	167,046	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

## Washburn 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	Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021				Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	24	12	1,144	13	1,420	10	18,271	12	<b>2.7</b>	2.6	.10	2.8	-.12	2.7	.01																	
		2	Some	68	28	2,954	32	3,893	26	48,255	29																								
		3	Quite a bit	91	39	3,480	37	5,639	37	62,943	37																								
		4	Very much	50	22	1,704	19	4,084	27	37,451	22																								
		Total		233	100	9,282	100	15,036	100	166,920	100																								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	18	9	1,031	12	1,244	9	15,067	10	<b>2.8</b>	2.7 *	.15	2.9	-.07	2.8	.03																	
		2	Some	58	25	2,849	31	3,699	24	45,320	27																								
		3	Quite a bit	101	43	3,415	36	5,549	37	62,818	37																								
		4	Very much	56	24	1,993	22	4,541	30	43,835	26																								
		Total		233	100	9,288	100	15,033	100	167,040	100																								
i. Solving complex real-world problems	pgprobsolve	1	Very little	30	14	1,077	12	1,640	12	18,785	12	<b>2.5</b>	2.6	-.13	2.7 ***	-.24	2.6 **	-.17																	
		2	Some	89	39	3,234	35	4,577	30	54,637	33																								
		3	Quite a bit	78	33	3,305	35	5,262	34	59,702	35																								
		4	Very much	35	15	1,661	18	3,557	24	33,941	20																								
		Total		232	100	9,277	100	15,036	100	167,065	100																								
j. Being an informed and active citizen	pgcitizen	1	Very little	33	16	1,245	14	1,642	12	19,455	12	<b>2.6</b>	2.6	.06	2.7	-.11	2.6	-.04																	
		2	Some	69	28	3,240	34	4,493	30	53,164	32																								
		3	Quite a bit	84	35	3,205	34	5,171	34	59,253	35																								
		4	Very much	47	21	1,603	18	3,743	25	35,401	21																								
		Total		233	100	9,293	100	15,049	100	167,273	100																								
<b>19. How would you evaluate your entire educational experience at this institution?</b>																																			
evalexp		1	Poor	3	2	172	2	345	3	3,665	3	<b>3.0</b>	3.1 *	-.15	3.2 ***	-.22	3.1 *	-.13																	
		2	Fair	39	18	1,303	15	2,001	14	24,683	16																								
		3	Good	135	57	4,905	52	7,186	47	84,453	50																								
		4	Excellent	55	23	2,938	31	5,579	37	54,969	32																								
		Total		232	100	9,318	100	15,111	100	167,770	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	8	4	272	3	558	4	5,493	3	<b>3.2</b>	3.2	-.07	3.2	-.07	3.2	-.03																	
		2	Probably no	20	9	1,017	11	1,786	12	21,152	13																								
		3	Probably yes	123	53	4,197	45	6,217	41	74,244	44																								
		4	Definitely yes	80	34	3,875	41	6,592	43	67,497	40																								
		Total		231	100	9,361	100	15,153	100	168,386	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

## Washburn University

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021	
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	5	2	338	4	598	4	6,081	4	<b>89%</b>							
			Yes	210	89	8,408	89	13,423	88	149,468	88		89%	-.02	88%	.03	88%	.02	
			Not sure	18	9	619	7	1,162	8	13,122	8								
			Total	233	100	9,365	100	15,183	100	168,671	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	6	3	230	7	400	6	4,276	7	<b>3.1</b>							
		2	Some	50	21	701	20	1,428	19	14,419	20		3.0	.04	3.1	-.02	3.0	.05	
		3	Quite a bit	93	41	1,240	34	2,694	35	26,075	36								
		4	Very much	84	35	1,378	39	3,013	40	26,748	37								
			Total	233	100	3,549	100	7,535	100	71,518	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

## Washburn 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	Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn	Plains Public		Carnegie Class M		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<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	7	2	495	3	527	2	7,567	3	<b>3.1</b>	3.0 **	.18	3.2	-.04	3.0 *	.15
		2	Sometimes	66	22	4,352	29	5,503	23	68,954	28							
		3	Often	103	35	4,918	33	7,433	30	80,502	32							
		4	Very often	120	41	5,354	34	10,781	45	93,198	37							
		Total		296	100	15,119	100	24,244	100	250,221	100							
b. Asked another student to help you understand course material	CLaskhelp	1	Never	69	25	2,976	19	5,749	25	40,138	17	<b>2.2</b>	2.4 *	-.15	2.2	.01	2.4 **	-.16
		2	Sometimes	119	40	5,801	39	9,675	41	102,351	41							
		3	Often	67	23	4,080	27	5,484	22	67,112	26							
		4	Very often	38	13	2,205	15	3,194	13	39,240	15							
		Total		293	100	15,062	100	24,102	100	248,841	100							
c. Explained course material to one or more students	CLexplain	1	Never	52	19	1,782	11	3,588	15	23,556	10	<b>2.3</b>	2.6 ***	-.33	2.5 ***	-.19	2.6 ***	-.34
		2	Sometimes	124	43	5,402	36	9,284	39	89,643	36							
		3	Often	82	27	5,163	35	6,990	29	85,335	34							
		4	Very often	34	11	2,701	18	4,201	17	50,041	20							
		Total		292	100	15,048	100	24,063	100	248,575	100							
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	107	38	3,842	25	7,132	30	54,908	23	<b>2.0</b>	2.3 ***	-.29	2.2 **	-.18	2.4 ***	-.31
		2	Sometimes	89	30	4,903	33	7,648	32	83,213	34							
		3	Often	59	20	3,849	26	5,321	22	64,609	26							
		4	Very often	34	11	2,410	16	3,823	16	44,604	18							
		Total		289	100	15,004	100	23,924	100	247,334	100							
e. Worked with other students on course projects or assignments	CLproject	1	Never	64	22	1,331	9	2,881	12	23,400	10	<b>2.4</b>	2.8 ***	-.47	2.7 ***	-.31	2.7 ***	-.41
		2	Sometimes	100	36	4,574	30	8,000	34	72,703	30							
		3	Often	79	27	5,192	35	7,408	31	84,623	34							
		4	Very often	46	15	3,857	26	5,556	23	65,755	26							
		Total		289	100	14,954	100	23,845	100	246,481	100							
f. Given a course presentation	present	1	Never	72	25	2,270	15	4,270	18	32,594	14	<b>2.1</b>	2.5 ***	-.42	2.5 ***	-.36	2.6 ***	-.46
		2	Sometimes	132	45	5,398	36	8,130	34	82,186	34							
		3	Often	59	20	4,487	30	6,753	28	75,944	30							
		4	Very often	26	9	2,776	18	4,655	19	55,357	22							
		Total		289	100	14,931	100	23,808	100	246,081	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

## Washburn 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	Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
<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	11	4	555	4	1,265	6	11,265	5	<b>2.9</b>	2.9	.01	2.8	.07	2.9	.03	
		2	Sometimes	74	27	4,142	28	6,803	30	67,918	28								
		3	Often	128	44	6,143	41	9,166	38	97,948	40								
		4	Very often	74	25	3,976	26	6,372	26	66,638	27								
		Total		287	100	14,816	100	23,606	100	243,769	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	19	7	1,175	9	1,564	7	17,594	8	<b>2.9</b>	2.7 **	.18	2.8	.04	2.8	.10	
		2	Sometimes	68	25	4,996	35	6,880	30	74,651	32								
		3	Often	129	45	5,252	35	8,731	37	87,749	35								
		4	Very often	71	24	3,331	22	6,304	26	62,502	25								
		Total		287	100	14,754	100	23,479	100	242,496	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	33	11	2,191	16	2,370	10	29,143	14	<b>2.7</b>	2.5 ***	.21	2.7	.00	2.6	.09	
		2	Sometimes	88	31	5,314	36	7,489	32	79,822	33								
		3	Often	95	34	4,324	29	7,849	34	76,809	31								
		4	Very often	70	24	2,856	18	5,618	24	55,158	22								
		Total		286	100	14,685	100	23,326	100	240,932	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	9	3	753	6	891	4	11,295	5	<b>2.9</b>	2.8 *	.14	2.9	.01	2.8	.07	
		2	Sometimes	81	28	4,509	31	6,403	28	68,806	29								
		3	Often	128	45	6,243	42	10,024	43	103,105	43								
		4	Very often	67	24	3,081	21	5,829	25	55,813	23								
		Total		285	100	14,586	100	23,147	100	239,019	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	9	3	483	4	609	3	7,180	3	<b>3.0</b>	2.9 **	.17	3.0	.05	3.0	.09	
		2	Sometimes	55	19	3,729	26	5,129	23	55,138	24								
		3	Often	133	48	6,479	44	10,366	45	105,447	44								
		4	Very often	87	30	3,736	25	6,799	29	68,391	29								
		Total		284	100	14,427	100	22,903	100	236,156	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	5	2	322	2	498	2	5,482	3	<b>2.9</b>	2.9	.05	3.0	-.04	3.0	-.01	
		2	Sometimes	78	28	3,986	29	5,705	26	60,004	26								
		3	Often	120	43	6,396	44	9,860	43	103,214	44								
		4	Very often	79	27	3,598	24	6,570	29	64,784	27								
		Total		282	100	14,302	100	22,633	100	233,484	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

## Washburn 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	NSSE 2020 & 2021								Your seniors compared with							
				Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021				
				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	7	2	337	3	574	3	6,838	3	<b>3.0</b>	3.0	-.05	3.1	-.10	3.0	-.05	
		2	Some	63	23	2,907	21	4,189	19	45,974	21								
		3	Quite a bit	125	46	6,362	46	9,719	44	101,023	44								
		4	Very much	81	29	4,303	31	7,489	34	72,348	32								
		Total		276	100	13,909	100	21,971	100	226,183	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	6	2	463	3	676	3	7,617	4	<b>3.0</b>	3.0	.00	3.1	-.10	3.0	-.07	
		2	Some	67	25	3,304	24	4,472	21	48,711	22								
		3	Quite a bit	123	46	6,074	44	9,446	43	97,039	43								
		4	Very much	76	26	3,947	28	7,215	33	70,789	31								
		Total		272	100	13,788	100	21,809	100	224,156	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	7	2	775	6	766	4	10,725	5	<b>3.0</b>	2.9 *	.11	3.0	-.10	2.9	.01	
		2	Some	67	26	3,561	27	4,556	21	51,970	24								
		3	Quite a bit	125	46	5,946	43	9,500	44	95,576	42								
		4	Very much	71	26	3,431	24	6,867	31	64,759	29								
		Total		270	100	13,713	100	21,689	100	223,030	100								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	9	3	505	4	662	3	8,348	4	<b>2.9</b>	2.9	.00	3.0 *	-.14	3.0	-.07	
		2	Some	66	25	3,457	26	4,647	22	51,022	23								
		3	Quite a bit	132	50	6,247	45	9,777	45	99,524	44								
		4	Very much	60	22	3,450	25	6,515	30	63,225	28								
		Total		267	100	13,659	100	21,601	100	222,119	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	6	2	299	2	517	3	5,393	3	<b>3.2</b>	3.1	.10	3.2	.03	3.1	.07	
		2	Some	43	16	2,555	19	3,714	18	40,177	19								
		3	Quite a bit	116	43	6,033	44	8,812	41	94,944	43								
		4	Very much	104	38	4,704	34	8,436	39	80,194	36								
		Total		269	100	13,591	100	21,479	100	220,708	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	10	3	507	4	1,041	5	9,743	5	<b>3.1</b>	3.0	.04	3.1	.00	3.0	.05	
		2	Some	49	18	2,599	20	3,933	18	44,024	20								
		3	Quite a bit	122	47	6,124	45	8,608	40	94,086	42								
		4	Very much	87	32	4,325	31	7,839	36	72,321	33								
		Total		268	100	13,555	100	21,421	100	220,174	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

## Washburn 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	NSSE 2020 & 2021								Your seniors compared with						
				Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	10	4	410	3	944	5	8,314	4	<b>3.1</b>	3.1	.01	3.1	.02	3.1	.01
		2	Some	54	19	2,712	21	4,299	21	43,755	20							
		3	Quite a bit	110	42	5,806	43	8,250	38	89,558	40							
		4	Very much	94	34	4,606	33	7,895	36	78,220	35							
		Total		268	100	13,534	100	21,388	100	219,847	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	15	6	1,502	11	2,040	10	20,992	10	<b>3.0</b>	2.7 *** ▲	.31	2.8 ** △	.16	2.8 *** △	.22
		2	Some	63	23	4,053	31	5,443	26	60,466	28							
		3	Quite a bit	93	35	4,618	34	7,218	33	75,738	34							
		4	Very much	97	35	3,343	24	6,677	30	62,301	28							
		Total		268	100	13,516	100	21,378	100	219,497	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	17	6	1,031	8	1,517	8	17,671	9	<b>3.0</b>	2.8 ** △	.20	2.9	.08	2.8 ** △	.17
		2	Some	58	23	3,931	30	5,364	26	61,195	28							
		3	Quite a bit	108	40	5,212	39	7,966	37	82,529	37							
		4	Very much	83	31	3,304	23	6,454	30	57,465	26							
		Total		266	100	13,478	100	21,301	100	218,860	100							
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	13	5	202	4	353	4	4,070	5	<b>3.1</b>	3.1	.00	3.1	-.01	3.0	.08
		2	Some	45	17	1,094	19	1,870	19	19,972	22							
		3	Quite a bit	110	42	2,444	41	3,956	39	37,970	40							
		4	Very much	99	37	2,373	37	3,875	38	31,694	34							
		Total		267	100	6,113	100	10,054	100	93,706	100							
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	10	4	215	4	319	4	3,683	4	<b>3.1</b>	3.1	.05	3.1	.01	3.0	.10
		2	Some	45	17	1,140	20	1,848	19	19,775	22							
		3	Quite a bit	117	44	2,572	43	4,300	43	40,218	43							
		4	Very much	94	35	2,175	34	3,562	35	29,790	31							
		Total		266	100	6,102	100	10,029	100	93,466	100							
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	15	6	461	8	762	8	9,400	11	<b>2.8</b>	2.8	.05	2.8	.01	2.7 * △	.14
		2	Some	84	31	1,777	31	2,840	28	29,073	31							
		3	Quite a bit	103	38	2,315	38	3,893	39	34,735	36							
		4	Very much	63	24	1,545	24	2,528	25	20,075	21							
		Total		265	100	6,098	100	10,023	100	93,283	100							

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

# NSSE 2021 Frequencies and Statistical Comparisons

## Washburn 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	Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	6	3	164	3	251	3	3,059	4	<b>3.2</b>	3.2	-0.04	3.2	-0.03	3.1	.05	
		2	Some	40	15	906	16	1,573	16	16,146	18								
		3	Quite a bit	124	48	2,508	42	4,157	42	39,367	42								
		4	Very much	94	35	2,514	40	4,041	40	34,618	37								
		Total		264	100	6,092	100	10,022	100	93,190	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	40	15	1,258	9	2,277	11	23,781	11	<b>2.5</b>	2.7 **	-0.18	2.6 *	-0.13	2.7 *	-0.15	
		2	Sometimes	95	36	4,619	34	7,374	35	74,187	34								
		3	Often	81	33	4,849	37	7,292	35	75,760	36								
		4	Very often	42	16	2,567	20	4,065	19	41,506	20								
		Total		258	100	13,293	100	21,008	100	215,234	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	51	20	2,206	17	3,441	17	37,525	18	<b>2.4</b>	2.4	-0.02	2.5	-0.05	2.5	-0.04	
		2	Sometimes	86	34	5,023	38	7,626	37	78,448	36								
		3	Often	81	33	3,986	30	6,402	30	63,741	30								
		4	Very often	38	14	2,034	15	3,453	17	34,643	17								
		Total		256	100	13,249	100	20,922	100	214,357	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	46	17	1,993	15	3,613	18	34,622	16	<b>2.4</b>	2.4	-0.04	2.4	-0.02	2.4	-0.05	
		2	Sometimes	96	38	5,298	40	7,908	38	81,749	38								
		3	Often	84	34	4,137	31	6,352	30	66,023	31								
		4	Very often	30	11	1,783	14	2,966	14	31,157	15								
		Total		256	100	13,211	100	20,839	100	213,551	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	15	6	858	7	1,070	5	13,373	7	<b>6.7</b>	7.5	-0.11	8.9 ***	-0.29	7.6 *	-0.13	
		1.5	1-2	65	26	2,506	19	3,200	15	36,988	18								
		4	3-5	67	27	3,601	28	5,554	26	60,671	28								
		8	6-10	56	22	2,740	21	4,469	22	46,794	22								
		13	11-15	19	7	1,472	11	2,325	11	23,304	11								
		18	16-20	13	5	747	5	1,419	7	12,222	6								
		23	More than 20	19	7	1,267	9	2,734	14	19,589	9								
		Total		254	100	13,191	100	20,771	100	212,941	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

## Washburn 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	Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn	Plains Public		Carnegie Class M		NSSE 2020 & 2021		
				Count	%	Count	%	Count	%	Count	%		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	87	33	3,626	28	4,721	23	52,075	26	<b>2.4</b>	3.2 *** ▼	-0.19	4.3 *** ▼	-0.36	3.6 *** ▼	-0.26	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	89	36	4,447	34	6,258	30	68,465	32								
	4	3-5	52	20	2,889	22	4,957	23	50,582	23									
	8	6-10	21	9	1,306	10	2,689	13	24,939	12									
	13	11-15	2	1	475	4	1,014	5	8,874	4									
	18	16-20	0	0	185	1	445	2	3,268	2									
	23	More than 20	3	1	217	2	602	3	3,911	2									
	Total			254	100	13,145	100	20,686	100	212,114	100								
c. 11 pages or more	wrlongnum	0	None	171	67	7,099	54	10,405	50	103,738	50	<b>1.0</b>	1.7 *** ▼	-0.22	2.3 *** ▼	-0.30	2.0 *** ▼	-0.27	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	60	23	3,968	30	6,096	29	68,431	31								
	4	3-5	13	6	1,148	9	2,142	10	22,038	10									
	8	6-10	7	3	462	4	914	5	8,682	4									
	13	11-15	2	1	260	2	563	3	4,991	2									
	18	16-20	1	0	96	1	242	1	1,771	1									
	23	More than 20	0	0	143	1	365	2	2,937	1									
	Total			254	100	13,176	100	20,727	100	212,588	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>54.0</b>	73.8 *** ▼	-0.22	94.3 *** ▼	-0.36	81.3 *** ▼	-0.27	
<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	11	4	848	7	1,372	7	11,773	6	<b>2.9</b>	2.9	.04	3.0 * ▼	-0.13	3.0 * ▼	-0.13	
		2	Sometimes	77	30	4,015	31	4,908	23	51,959	24								
		3	Often	89	36	4,154	31	6,471	31	65,457	31								
		4	Very often	77	30	4,149	31	7,982	39	83,363	39								
			Total	254	100	13,166	100	20,733	100	212,552	100								
b. People from an economic background other than your own	DDeconomic	1	Never	15	6	630	5	1,189	6	10,408	5	<b>2.9</b>	2.9	.00	3.0	-0.07	3.0	-0.07	
		2	Sometimes	63	25	3,534	27	4,970	24	51,059	24								
		3	Often	98	39	4,925	37	7,236	35	75,055	35								
		4	Very often	78	30	4,056	31	7,277	36	75,426	36								
			Total	254	100	13,145	100	20,672	100	211,948	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

## Washburn 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	Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021				Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	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	22	8	869	7	1,664	8	15,543	7	<b>2.9</b>	2.9	-.01	2.9	-.02	2.9	-.03									
		2	Sometimes	61	24	3,679	29	5,677	27	57,777	27																
		3	Often	94	38	4,433	33	6,534	31	67,260	32																
		4	Very often	77	29	4,159	31	6,801	34	71,357	34																
		Total		254	100	13,140	100	20,676	100	211,937	100																
d. People with political views other than your own	DDpolitical	1	Never	16	6	787	6	1,660	8	16,145	8	<b>2.9</b>	2.9	-.05	2.9	-.01	2.9	.02									
		2	Sometimes	73	29	3,651	28	5,715	27	63,479	30																
		3	Often	90	36	4,489	34	6,685	32	65,669	31																
		4	Very often	75	29	4,219	32	6,639	32	66,818	32																
		Total		254	100	13,146	100	20,699	100	212,111	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	9	3	422	4	483	2	5,590	3	<b>3.1</b>	3.0	.09	3.1	-.08	3.1	-.01									
		2	Sometimes	51	21	2,953	23	3,680	18	42,131	20																
		3	Often	105	42	5,599	43	8,819	43	91,041	43																
		4	Very often	88	34	4,114	30	7,593	37	72,342	34																
		Total		253	100	13,088	100	20,575	100	211,104	100																
b. Reviewed your notes after class	LSnotes	1	Never	18	7	1,127	9	1,398	7	15,192	7	<b>2.9</b>	2.7 ***	.21	2.9	.02	2.9	.09	△								
		2	Sometimes	67	26	4,322	34	5,335	26	62,391	30																
		3	Often	79	32	4,227	32	7,046	34	70,151	33																
		4	Very often	89	35	3,413	25	6,781	33	63,198	30																
		Total		253	100	13,089	100	20,560	100	210,932	100																
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	16	6	1,013	8	1,047	5	13,250	7	<b>3.0</b>	2.8 ***	.21	3.0	-.01	2.9	.10	△								
		2	Sometimes	57	22	4,065	32	5,123	25	60,273	29																
		3	Often	107	43	4,773	37	7,846	38	79,038	37																
		4	Very often	74	29	3,239	24	6,544	32	58,374	28																
		Total		254	100	13,090	100	20,560	100	210,935	100																

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# NSSE 2021 Frequencies and Statistical Comparisons

## Washburn 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	Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	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	2	1	144	1	213	1	2,306	1	<b>5.4</b>	5.4	-0.01	5.7 **	-0.20	5.5	-0.05	
		2		4	2	188	2	274	1	3,310	2								
		3		13	5	627	5	811	4	9,728	5								
		4		32	15	1,416	11	1,874	9	22,594	11								
		5		72	29	3,895	30	4,983	24	59,249	28								
		6		57	22	3,354	26	4,937	24	52,350	25								
		7	Very much	71	27	3,390	25	7,315	36	60,105	28								
			Total	251	100	13,014	100	20,407	100	209,642	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		Have not decided	29	13	1,299	9	2,676	13	22,176	11	<b>41%</b>	.5 *	-0.14	.4	.00	.5	-0.09	
			Do not plan to do	40	16	2,409	18	3,812	19	34,499	17								
			Plan to do	72	30	3,065	24	5,224	27	52,500	26								
			Done or in progress	110	41	6,219	49	8,660	41	100,171	46								
			Total	251	100	12,992	100	20,372	100	209,346	100								
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	34	15	1,513	11	3,248	16	26,048	13	<b>29%</b>	.4 **	-0.18	.3	.06	.3	-0.08	
			Do not plan to do	122	50	5,648	44	9,552	47	93,011	45								
			Plan to do	17	7	957	8	1,951	10	18,075	9								
			Done or in progress	75	29	4,859	37	5,585	26	71,768	33								
			Total	248	100	12,977	100	20,336	100	208,902	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom		Have not decided	32	14	1,751	13	3,641	18	31,706	15	<b>20%</b>	.2	-0.09	.2	-0.02	.2	-0.05	
			Do not plan to do	138	56	6,961	54	9,924	49	107,356	52								
			Plan to do	25	10	1,149	9	2,357	12	21,972	11								
			Done or in progress	53	20	3,079	23	4,329	21	47,101	22								
			Total	248	100	12,940	100	20,251	100	208,135	100								
d. Participate in a study abroad program	abroad		Have not decided	31	14	1,331	10	2,943	15	25,669	13	<b>6%</b>	.1 **	-0.23	.1 *	-0.14	.1 **	-0.24	
			Do not plan to do	181	72	9,214	72	13,918	68	139,121	67								
			Plan to do	22	9	746	6	1,407	7	15,395	8								
			Done or in progress	14	6	1,648	12	1,986	9	28,073	12								
			Total	248	100	12,939	100	20,254	100	208,258	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

## Washburn 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	Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021				Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	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	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	45	19	1,895	14	3,752	19	33,232	16	<b>18%</b>	.2	-.07	.2	.03	.2	-.10									
			Do not plan to do	135	54	7,135	55	10,649	53	102,326	49																
			Plan to do	22	9	1,244	10	2,291	12	24,752	12																
			Done or in progress	47	18	2,666	21	3,568	17	47,872	22																
			Total	249	100	12,940	100	20,260	100	208,182	100																
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	26	11	1,121	8	2,483	13	20,941	11	<b>32%</b>	.5 ***	-0.27	.4 *	-.14	.4 ***	-0.25									
			Do not plan to do	60	25	2,673	20	4,106	22	41,818	21																
			Plan to do	79	32	3,380	26	5,395	27	49,731	25																
			Done or in progress	82	32	5,763	45	8,273	38	95,680	44																
			Total	247	100	12,937	100	20,257	100	208,170	100																
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																											
	servcourse		1 None	106	43	5,462	42	7,053	35	79,000	40	<b>1.7</b>	1.7	.03	1.8 *	-.14	1.7	-.01									
			2 Some	107	43	5,992	47	10,011	50	102,257	48																
			3 Most	28	11	1,197	9	2,456	12	21,065	10																
			4 All	7	3	248	2	640	3	4,984	2																
			Total	248	100	12,899	100	20,160	100	207,306	100																
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																											
a. Students	Q1student		1 Poor	3	1	120	1	291	2	3,120	2	<b>5.6</b>	5.6	-.02	5.7	-.05	5.6	.03									
			2	6	2	200	2	351	2	3,677	2																
			3	7	3	459	4	725	4	8,454	4																
			4	29	12	1,138	9	1,800	9	20,296	10																
			5	61	25	3,060	24	4,355	21	49,219	24																
			6	58	23	3,929	30	5,199	25	56,676	27																
			7 Excellent	77	32	3,662	28	6,760	34	61,017	29																
			— Not applicable	7	3	348	3	708	4	4,943	3																
			Total	248	100	12,916	100	20,189	100	207,402	100																

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# NSSE 2021 Frequencies and Statistical Comparisons

## Washburn 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn	Plains Public	Carnegie Class M		NSSE 2020 & 2021		
				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	QIadvisor	1	Poor	7	3	479	4	786	4	9,043	5	<b>5.7</b>	5.3 ***	.21	5.4 **	.15	5.3 ***	.24
		2		3	1	559	5	781	4	9,316	5							
		3		12	5	863	7	1,271	6	14,549	7							
		4		27	11	1,453	12	2,171	11	24,240	12							
		5		43	18	2,278	18	3,416	17	37,311	18							
		6		50	21	2,650	20	3,813	19	40,654	19							
		7	Excellent	102	41	4,467	34	7,533	38	68,759	33							
		—	Not applicable	3	1	154	1	377	2	3,341	2							
	Total			247	100	12,903	100	20,148	100	207,213	100							
c. Faculty	QIfaculty	1	Poor	5	2	151	1	323	2	3,507	2	<b>5.7</b>	5.5 **	.17	5.6	.06	5.5 *	.15
		2		4	2	257	2	386	2	4,521	2							
		3		10	4	584	5	871	5	9,718	5							
		4		18	8	1,461	12	1,968	10	22,804	11							
		5		54	21	3,156	25	4,106	20	47,283	23							
		6		63	25	3,706	29	5,272	26	57,801	27							
		7	Excellent	90	37	3,463	26	6,922	34	59,347	28							
		—	Not applicable	3	1	116	1	309	2	2,179	1							
	Total			247	100	12,894	100	20,157	100	207,160	100							
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	10	4	367	3	799	4	9,200	5	<b>5.2</b>	5.1	.02	5.1	.02	5.0	.10
		2		5	2	440	4	744	4	8,709	4							
		3		18	7	775	6	1,163	6	14,027	7							
		4		23	9	1,454	11	2,117	10	25,354	12							
		5		44	19	2,504	19	3,193	15	37,190	17							
		6		35	14	2,439	19	3,129	15	35,575	17							
		7	Excellent	51	21	2,487	19	4,476	22	40,105	19							
		—	Not applicable	60	25	2,426	19	4,523	23	36,874	19							
	Total			246	100	12,892	100	20,144	100	207,034	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

## Washburn 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	Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021				Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	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	11	4	413	3	816	4	10,015	5	<b>5.1</b>	5.2	-0.04	5.2	-0.04	5.0	.07									
		2		11	4	484	4	879	4	10,212	5																
		3		15	6	794	6	1,414	7	15,936	8																
		4		30	12	1,685	13	2,408	12	29,125	14																
		5		60	25	2,663	21	3,804	18	42,030	20																
		6		41	16	2,907	22	3,820	18	40,488	19																
		7	Excellent	56	23	2,940	22	5,443	27	44,646	22																
	—	Not applicable	23	10	1,019	8	1,577	9	14,741	8																	
	Total			247	100	12,905	100	20,161	100	207,193	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	5	2	198	2	401	2	3,878	2	<b>3.1</b>	3.1	-0.03	3.1	-0.04	3.1	-0.07									
		2	Some	50	21	2,368	18	3,670	19	36,758	18																
		3	Quite a bit	107	45	6,161	48	9,010	44	92,786	45																
		4	Very much	85	33	4,144	32	7,015	34	73,055	35																
			Total	247	100	12,871	100	20,096	100	206,477	100																
b. Providing support to help students succeed academically	SEacademic	1	Very little	13	5	642	5	1,219	7	11,858	6	<b>2.9</b>	2.9	.04	2.9	-0.02	2.9	.02									
		2	Some	59	24	3,279	27	4,759	24	51,947	26																
		3	Quite a bit	110	45	5,590	43	8,022	39	85,824	41																
		4	Very much	65	26	3,318	25	6,043	30	56,444	27																
			Total	247	100	12,829	100	20,043	100	206,073	100																
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	29	12	1,161	10	1,934	10	19,911	10	<b>2.8</b>	2.8	-0.01	2.9	-0.10	2.8	-0.05									
		2	Some	55	22	3,255	26	4,664	24	51,296	25																
		3	Quite a bit	103	43	5,074	39	7,137	35	76,562	37																
		4	Very much	58	23	3,348	25	6,281	31	58,083	28																
			Total	245	100	12,838	100	20,016	100	205,852	100																
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	33	13	2,108	17	3,034	15	30,932	15	<b>2.7</b>	2.5 *	.16	2.7	.01	2.6	.05									
		2	Some	75	30	4,350	34	5,718	28	62,664	30																
		3	Quite a bit	81	34	4,035	31	6,377	32	65,529	32																
		4	Very much	56	23	2,329	18	4,866	24	46,457	23																
			Total	245	100	12,822	100	19,995	100	205,582	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

## Washburn 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn	Plains Public	Carnegie Class M		NSSE 2020 & 2021		
				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	26	10	1,181	9	2,413	13	20,009	10	<b>2.7</b>	2.8	-.05	2.7	-.02	2.8	-.05
		2	Some	71	30	3,612	29	5,456	27	56,304	28							
		3	Quite a bit	93	38	5,108	40	7,061	35	77,386	37							
		4	Very much	52	21	2,909	22	5,016	25	51,682	25							
		Total		242	100	12,810	100	19,946	100	205,381	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	27	10	1,494	12	2,835	15	24,907	13	<b>2.8</b>	2.7	.10	2.6 *	.14	2.7	.09
		2	Some	59	25	3,704	29	5,683	28	59,159	29							
		3	Quite a bit	96	40	4,790	38	6,631	33	72,429	35							
		4	Very much	61	24	2,798	21	4,755	24	48,662	24							
		Total		243	100	12,786	100	19,904	100	205,157	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	70	28	4,224	33	6,440	33	68,266	34	<b>2.1</b>	2.1	.05	2.2	-.05	2.1	.00
		2	Some	100	42	4,699	37	6,493	32	71,181	34							
		3	Quite a bit	55	23	2,622	20	4,303	22	42,274	21							
		4	Very much	19	7	1,227	9	2,651	13	23,203	11							
		Total		244	100	12,772	100	19,887	100	204,924	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	62	26	2,643	19	5,319	27	37,920	19	<b>2.4</b>	2.4	-.08	2.4	.01	2.5	-.12
		2	Some	61	25	3,976	32	5,518	28	61,875	30							
		3	Quite a bit	84	35	4,133	33	5,643	28	66,114	32							
		4	Very much	36	14	2,004	16	3,332	17	38,742	19							
		Total		243	100	12,756	100	19,812	100	204,651	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	63	26	3,327	26	5,632	29	46,364	23	<b>2.3</b>	2.2	.06	2.2	.03	2.3	-.04
		2	Some	79	33	4,915	39	6,507	33	74,243	36							
		3	Quite a bit	76	32	3,233	25	5,086	25	56,262	27							
		4	Very much	25	9	1,284	10	2,614	13	27,848	13							
		Total		243	100	12,759	100	19,839	100	204,717	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	6	3	236	2	512	3	5,517	3	<b>3.2</b>	3.3	-.11	3.3	-.11	3.3	-.07
		2	Disagree	17	7	834	7	1,271	7	14,661	7							
		3	Agree	128	53	6,088	48	9,223	46	98,306	47							
		4	Strongly agree	92	37	5,600	43	8,859	45	86,283	42							
		Total		243	100	12,758	100	19,865	100	204,767	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

## Washburn 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	Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021				Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	14	6	728	6	1,163	6	13,996	8	<b>3.0</b>	2.9	.07	3.0	-.03	2.9	.08									
		2	Disagree	39	16	2,318	19	3,084	16	38,327	19																
		3	Agree	123	51	6,492	51	9,760	49	101,127	49																
		4	Strongly agree	66	27	3,215	24	5,841	29	51,157	25																
		Total		242	100	12,753	100	19,848	100	204,607	100																
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	16	6	611	5	1,085	6	12,045	6	<b>3.0</b>	3.0	.00	3.0	-.02	2.9	.03									
		2	Disagree	37	16	2,227	18	3,500	18	37,847	19																
		3	Agree	125	52	6,471	50	9,567	48	101,193	49																
		4	Strongly agree	64	26	3,455	26	5,707	29	53,644	26																
		Total		242	100	12,764	100	19,859	100	204,729	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>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	0	0	47	0	86	1	779	0	<b>15.5</b>	15.2	.04	15.1	.04	15.4	.01									
		3	1-5 hrs	31	13	1,543	12	2,527	13	24,677	12																
		8	6-10 hrs	50	22	2,919	23	4,539	23	45,311	22																
		13	11-15 hrs	49	19	2,690	21	3,877	20	41,278	20																
		18	16-20 hrs	51	21	2,306	18	3,629	18	37,337	18																
		23	21-25 hrs	24	9	1,347	10	2,101	10	22,864	11																
		28	26-30 hrs	17	7	812	6	1,315	7	13,429	7																
		33	More than 30 hrs	21	9	1,068	8	1,728	9	18,380	9																
Total		243	100	12,732	100	19,802	100	204,055	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

## Washburn 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	NSSE 2020 & 2021								Your seniors compared with						
				Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	130	53	5,348	42	10,665	55	90,976	46	<b>4.5</b>	4.8	-.04	4.0	.08	4.7	-.02
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	52	21	3,788	29	4,563	22	54,430	26							
	8	6-10 hrs	24	11	1,663	13	1,806	9	24,583	12								
	13	11-15 hrs	13	6	845	7	1,092	6	14,559	7								
	18	16-20 hrs	10	4	501	4	747	4	9,104	4								
	23	21-25 hrs	5	2	270	2	414	2	4,775	2								
	28	26-30 hrs	4	2	122	1	181	1	2,043	1								
	33	More than 30 hrs	4	2	173	1	286	1	3,237	2								
	Total		242	100	12,710	100	19,754	100	203,707	100								
	c. Working for pay on campus	tmworkonhrs	0	0 hrs	207	86	9,090	72	15,790	81	148,116							
(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)		3	1-5 hrs	9	4	579	4	693	3	9,754	4							
8		6-10 hrs	6	2	1,053	8	1,130	5	16,072	7								
13		11-15 hrs	2	1	817	6	813	4	11,802	5								
18		16-20 hrs	10	4	806	7	816	4	11,092	5								
23		21-25 hrs	2	1	183	2	224	1	3,471	2								
28		26-30 hrs	3	1	73	1	96	1	1,258	1								
33		More than 30 hrs	2	1	106	1	169	1	2,124	1								
Total		241	100	12,707	100	19,731	100	203,689	100									
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	68	28	5,067	39	6,843	34	84,002	41	<b>15.9</b>	13.0 ***	.22	15.6	.02	12.9 ***	.22
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	5	630	5	857	4	10,082	5							
	8	6-10 hrs	20	8	826	7	1,156	6	13,359	6								
	13	11-15 hrs	14	5	938	7	1,310	6	14,396	7								
	18	16-20 hrs	26	10	1,204	10	1,687	8	18,655	9								
	23	21-25 hrs	29	12	877	7	1,307	7	14,672	7								
	28	26-30 hrs	22	9	612	5	1,038	5	11,004	5								
	33	More than 30 hrs	53	22	2,553	20	5,562	30	37,680	20								
Total		243	100	12,707	100	19,760	100	203,850	100									
Estimated number of hours working for pay	tmworkhrs											<b>17.8</b>	16.6	.10	18.1	-.02	16.1	.12
	(Continuous variable created by NSSE)																	

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

# NSSE 2021 Frequencies and Statistical Comparisons

## Washburn 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	Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021			
				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	145	60	7,115	56	10,146	51	109,579	54	<b>2.0</b>	2.6	-0.11	3.5 ***	-0.25	3.1 ***	-0.18
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	67	27	4,031	31	6,056	30	61,477	30							
	8	6-10 hrs	19	9	746	6	1,670	9	15,950	8								
	13	11-15 hrs	7	3	376	3	821	4	7,411	4								
	18	16-20 hrs	2	1	214	2	478	3	4,221	2								
	23	21-25 hrs	0	0	107	1	220	1	2,063	1								
	28	26-30 hrs	0	0	34	0	108	1	914	0								
	33	More than 30 hrs	0	0	82	1	251	1	2,112	1								
	Total			240	100	12,705	100	19,750	100	203,727	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	10	4	281	2	857	5	6,476	3	<b>10.0</b>	11.6 **	-0.20	9.9	.01	11.1 *	-0.13
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	69	28	3,116	24	6,244	32	53,396	26							
	8	6-10 hrs	75	31	3,607	28	5,427	27	57,264	28								
	13	11-15 hrs	49	21	2,454	20	3,312	17	38,020	19								
	18	16-20 hrs	19	8	1,656	13	1,963	10	24,024	12								
	23	21-25 hrs	6	2	670	5	768	4	9,995	5								
	28	26-30 hrs	5	2	293	2	361	2	4,465	2								
	33	More than 30 hrs	9	4	621	5	798	4	10,055	5								
	Total			242	100	12,698	100	19,730	100	203,695	100							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	142	59	8,641	69	10,385	51	130,809	64	<b>7.6</b>	5.6 *	.18	9.3 *	-0.13	6.2	.13
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	23	9	1,037	8	2,313	12	22,259	11							
	8	6-10 hrs	15	7	505	4	1,238	6	10,950	5								
	13	11-15 hrs	13	5	374	3	810	4	7,197	4								
	18	16-20 hrs	5	2	297	2	645	4	5,509	3								
	23	21-25 hrs	4	2	168	1	405	2	3,122	2								
	28	26-30 hrs	2	1	129	1	326	2	2,064	1								
	33	More than 30 hrs	38	16	1,529	11	3,601	19	21,567	11								
	Total			242	100	12,680	100	19,723	100	203,477	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

## Washburn 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	Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	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	0	0 hrs	81	34	4,142	30	9,016	46	65,792	32	<b>3.8</b>	3.8	.00	3.9	-.02	4.4	-.10	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	122	50	6,467	52	6,683	32	88,896	43								
		8	6-10 hrs	22	9	1,221	10	2,162	11	27,113	13								
		13	11-15 hrs	6	3	410	3	853	5	10,147	5								
		18	16-20 hrs	3	1	171	1	363	2	4,435	2								
		23	21-25 hrs	2	1	93	1	183	1	2,305	1								
		28	26-30 hrs	1	0	39	0	102	1	1,149	1								
		33	More than 30 hrs	5	2	165	1	382	2	4,010	2								
		Total	242	100	12,708	100	19,744	100	203,847	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	1	Very little	29	12	2,087	17	2,178	11	26,601	14	<b>2.9</b>	2.6 **	.19	2.9	-.04	2.8	.03	
		2	Some	61	26	4,051	32	5,524	28	58,742	29								
		3	About half	80	34	3,411	26	5,969	30	55,361	27								
		4	Most	50	20	2,278	18	4,193	22	43,385	21								
		5	Almost all	22	8	860	7	1,832	10	19,333	9								
			Total	242	100	12,687	100	19,696	100	203,422	100								
	tmreadinghrs										<b>7.4</b>	6.5 *	.14	7.6	-.04	7.3	.00		
	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																		
	tmreadinghrscol (Collapsed version of tmreadinghrs created by NSSE.)	1	0 hrs	0	0	47	0	83	0	764	0	<b>7.4</b>	6.5 *	.14	7.6	-.04	7.3	.00	
		2	More than zero, up to 5 hrs	106	45	6,524	52	8,999	46	93,963	47								
		3	More than 5, up to 10 hrs	79	32	3,620	28	5,709	29	59,440	29								
		4	More than 10, up to 15 hrs	24	9	1,152	9	2,142	11	21,654	10								
		5	More than 15, up to 20 hrs	22	9	681	5	1,254	6	12,971	6								
		6	More than 20, up to 25 hrs	7	3	430	3	919	5	9,277	4								
		7	More than 25 hrs	4	2	194	1	514	3	4,600	2								
			Total	242	100	12,648	100	19,620	100	202,669	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

## Washburn University

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Washburn				Plains Public				Carnegie Class M				NSSE 2020 & 2021			
				Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021	
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>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	5	2	717	6	837	4	10,620	6	<b>3.0</b>	2.9 *	.13	3.1	-.06	3.0	.04	
		2	Some	51	20	3,000	24	3,834	20	43,080	22								
		3	Quite a bit	116	50	5,075	40	7,522	38	80,156	39								
		4	Very much	71	28	3,893	29	7,504	38	69,516	34								
			Total	243	100	12,685	100	19,697	100	203,372	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	20	8	961	8	1,434	8	14,244	8	<b>2.9</b>	2.9	.05	3.0	-.07	2.9	-.02	
		2	Some	51	21	3,269	26	4,425	23	47,432	24								
		3	Quite a bit	103	44	4,829	38	7,161	36	76,705	37								
		4	Very much	68	27	3,614	28	6,638	34	64,724	31								
			Total	242	100	12,673	100	19,658	100	203,105	100								
c. Thinking critically and analytically	pgthink	1	Very little	4	1	236	2	391	2	4,420	2	<b>3.3</b>	3.3	.03	3.3	-.01	3.3	.01	
		2	Some	27	12	1,572	13	2,387	13	25,357	13								
		3	Quite a bit	99	42	5,030	40	7,319	37	76,880	37								
		4	Very much	113	45	5,836	45	9,590	48	96,531	47								
			Total	243	100	12,674	100	19,687	100	203,188	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	33	14	1,007	8	1,885	10	19,121	9	<b>2.7</b>	2.9 **	-.21	2.9 *	-.15	2.9 **	-.20	
		2	Some	64	25	3,173	25	5,018	25	50,649	24								
		3	Quite a bit	85	36	4,426	35	6,457	33	68,229	34								
		4	Very much	61	25	4,060	32	6,296	32	65,115	33								
			Total	243	100	12,666	100	19,656	100	203,114	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	19	8	782	7	1,422	8	16,833	9	<b>3.1</b>	3.0	.07	3.0	.05	2.9 *	.13	
		2	Some	41	17	2,836	23	4,135	21	46,997	23								
		3	Quite a bit	85	36	4,485	35	6,729	34	70,030	34								
		4	Very much	98	39	4,565	35	7,372	37	69,267	34								
			Total	243	100	12,668	100	19,658	100	203,127	100								
f. Working effectively with others	pgothers	1	Very little	15	6	544	5	1,004	5	9,700	5	<b>2.9</b>	3.0	-.10	3.1 *	-.14	3.0	-.10	
		2	Some	56	23	2,622	21	3,889	20	40,528	21								
		3	Quite a bit	95	41	5,043	40	7,219	36	78,139	38								
		4	Very much	77	30	4,448	34	7,540	38	74,700	36								
			Total	243	100	12,657	100	19,652	100	203,067	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

## Washburn University

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021		Washburn		Plains Public		Carnegie Class M		NSSE 2020 & 2021	
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>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	11	5	364	6	676	8	6,000	7	<b>3.1</b>	3.0	.08	3.0	.09	3.0	.11	
		2	Some	45	18	1,140	20	1,898	20	18,205	21								
		3	Quite a bit	92	38	1,991	36	3,150	34	30,462	35								
		4	Very much	97	40	2,252	38	3,656	39	32,641	37								
			Total	245	100	5,747	100	9,380	100	87,308	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>

### Washburn University

#### First-Year Students

Variable Name	N					Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Washburn	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public	Carnegie Class M	NSSE 2020 & 2021	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Plains Public	Carnegie Class M	NSSE 2020 & 2021
1 a. askquest	285	2.81	2.73	2.89	2.78	.048	.007	.005	.001	.81	.84	.86	.85	16,185	31,861	340,372	.110	.136	.588	.10	-.09	.03
b. CLaskhelp	282	2.11	2.46	2.33	2.45	.056	.007	.005	.002	.94	.92	.97	.93	290	286	281	.000	.000	.000	-.37	-.22	-.36
c. CLexplain	282	2.14	2.51	2.41	2.52	.054	.007	.005	.002	.91	.87	.93	.89	16,045	287	282	.000	.000	.000	-.43	-.30	-.44
d. CLstudy	282	1.93	2.34	2.23	2.33	.057	.008	.006	.002	.96	.99	1.02	.99	292	287	282	.000	.000	.000	-.41	-.30	-.40
e. CLproject	279	2.14	2.49	2.39	2.49	.050	.007	.005	.002	.84	.89	.95	.91	289	285	279	.000	.000	.000	-.40	-.27	-.39
f. present	278	1.95	2.04	2.13	2.16	.048	.007	.005	.002	.80	.87	.94	.90	289	284	278	.062	.000	.000	-.10	-.19	-.23
2 a. RIintegrate	275	2.49	2.51	2.51	2.53	.052	.007	.005	.002	.87	.83	.89	.86	15,608	30,476	326,036	.599	.739	.465	-.03	-.02	-.04
b. RISocietal	273	2.57	2.46	2.58	2.56	.053	.007	.005	.002	.88	.87	.90	.89	15,492	30,177	322,642	.035	.815	.803	.13	-.01	.02
c. RIDiverse	272	2.71	2.41	2.61	2.57	.055	.007	.005	.002	.91	.91	.92	.91	15,348	29,827	319,138	.000	.075	.009	.33	.11	.16
d. RIownview	272	2.82	2.69	2.81	2.76	.048	.007	.005	.001	.79	.81	.82	.82	15,159	29,399	314,593	.014	.965	.290	.15	.00	.06
e. RIPerspect	261	2.96	2.84	2.96	2.91	.051	.007	.005	.001	.82	.80	.80	.80	14,938	28,946	308,684	.014	.945	.249	.15	.00	.07
f. RInewview	258	2.86	2.78	2.86	2.83	.049	.006	.005	.001	.79	.78	.82	.80	14,749	28,435	302,939	.097	.943	.614	.10	.00	.03
g. RIconnect	252	3.04	2.98	3.03	3.02	.046	.006	.005	.001	.73	.74	.77	.75	14,555	28,038	298,346	.243	.942	.710	.07	.00	.02
3 a. SFcareer	254	2.50	2.29	2.27	2.26	.059	.008	.006	.002	.93	.91	.94	.93	14,526	27,997	297,848	.000	.000	.000	.22	.24	.26
b. SFotherwork	255	1.78	1.76	1.68	1.73	.058	.008	.005	.002	.92	.90	.90	.90	14,463	27,795	295,917	.746	.084	.345	.02	.11	.06
c. SFdiscuss	254	1.96	1.90	1.89	1.94	.060	.007	.006	.002	.95	.86	.91	.90	260	27,457	292,537	.314	.233	.746	.07	.08	.02
d. SFperform	252	2.19	2.04	2.08	2.09	.056	.007	.005	.002	.89	.86	.89	.89	260	27,471	292,297	.009	.062	.084	.17	.12	.11
4 a. memorize	249	2.78	2.85	2.87	2.86	.055	.007	.005	.002	.87	.80	.84	.82	256	27,213	249	.211	.101	.115	-.09	-.10	-.11
b. HOapply	249	2.82	2.85	2.89	2.88	.053	.007	.005	.002	.84	.78	.82	.81	14,175	27,025	287,710	.640	.184	.233	-.03	-.08	-.08
c. HOanalyze	246	2.84	2.81	2.91	2.89	.056	.007	.005	.002	.88	.80	.83	.82	253	249	246	.599	.232	.424	.04	-.08	-.05
d. HOevaluate	246	2.84	2.79	2.96	2.89	.052	.007	.005	.002	.82	.81	.81	.82	13,922	26,492	282,287	.306	.024	.346	.07	-.15	-.06
e. HOform	245	2.88	2.81	2.92	2.88	.051	.007	.005	.002	.80	.79	.82	.81	13,830	26,308	280,491	.160	.438	.988	.09	-.05	.00
5 a. ETgoals	245	2.99	3.02	3.10	3.04	.055	.007	.005	.002	.85	.78	.81	.80	252	26,124	278,150	.611	.037	.294	-.04	-.13	-.07
b. ETorganize	244	2.91	2.94	3.01	2.96	.057	.007	.005	.002	.89	.83	.87	.85	250	26,005	243	.538	.058	.351	-.04	-.12	-.06
c. ETexample	246	2.89	2.95	3.03	2.98	.053	.007	.005	.002	.83	.83	.87	.84	13,702	25,954	276,464	.248	.017	.086	-.07	-.15	-.11
d. ETdraftfb	245	2.69	2.70	2.92	2.80	.060	.008	.006	.002	.95	.91	.94	.92	13,656	25,887	275,833	.802	.000	.057	-.02	-.24	-.12
e. ETfeedback	243	2.72	2.67	2.84	2.72	.059	.008	.006	.002	.91	.90	.93	.91	13,612	25,754	274,777	.421	.055	.944	.05	-.12	.00
f. etcriteria	244	2.89	3.05	3.06	2.98	.053	.012	.008	.002	.83	.85	.84	.85	5,578	10,997	121,563	.004	.002	.103	-.19	-.20	-.10
g. etreview	243	2.87	3.01	3.03	2.95	.051	.011	.008	.002	.80	.83	.82	.83	5,547	10,971	121,129	.011	.003	.132	-.17	-.19	-.10
h. etprefer	244	2.54	2.66	2.67	2.58	.055	.013	.009	.003	.86	.93	.91	.91	5,549	10,937	120,784	.051	.026	.428	-.13	-.14	-.05
i. etdemonstrate	244	3.05	3.13	3.13	3.09	.053	.011	.008	.002	.82	.82	.81	.82	5,537	10,922	120,441	.098	.097	.423	-.11	-.11	-.05

# NSSE 2021 Frequencies and Statistical Comparisons

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

### Washburn University

#### First-Year Students

Variable Name	N					Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Washburn	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public	Carnegie Class M	NSSE 2020 & 2021	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Plains Public	Carnegie Class M	NSSE 2020 & 2021
6 a. QRconclude	238	2.46	2.57	2.57	2.58	.058	.007	.006	.002	.90	.85	.90	.88	13,375	25,216	268,412	.051	.062	.031	-.13	-.12	-.14
b. QRproblem	240	2.29	2.32	2.35	2.35	.060	.008	.006	.002	.93	.90	.94	.92	13,349	25,067	266,749	.594	.325	.324	-.03	-.06	-.06
c. QRevaluate	239	2.23	2.31	2.29	2.33	.061	.008	.006	.002	.94	.87	.92	.89	13,306	24,939	265,452	.141	.267	.082	-.10	-.07	-.11
7 a. wrshortnum	237	6.57	6.19	6.87	6.49	.420	.051	.039	.011	6.47	5.78	6.07	5.79	243	24,902	237	.363	.462	.840	.07	-.05	.01
b. wrmednum	237	1.87	1.99	2.48	2.31	.221	.029	.024	.007	3.40	3.30	3.75	3.51	13,210	242	263,915	.568	.006	.053	-.04	-.16	-.13
c. wrlongnum	240	.89	.84	1.15	1.03	.195	.024	.021	.006	3.02	2.79	3.28	3.09	13,246	24,791	264,121	.786	.214	.493	.02	-.08	-.04
— wrpages	236	46.08	46.50	57.10	52.75	4.822	.620	.523	.150	74.16	70.53	81.60	76.99	13,165	24,626	262,493	.928	.039	.183	-.01	-.14	-.09
8 a. DDrace	238	2.92	2.82	2.97	2.97	.059	.008	.006	.002	.92	.92	.97	.94	13,208	24,780	263,783	.108	.367	.430	.11	-.06	-.05
b. DDeconomic	238	2.85	2.89	2.93	2.94	.058	.008	.006	.002	.89	.88	.94	.91	13,176	24,709	263,013	.521	.182	.129	-.04	-.09	-.10
c. DDreligion	237	2.78	2.86	2.83	2.85	.061	.008	.006	.002	.95	.92	.98	.96	13,169	24,686	262,962	.234	.446	.304	-.08	-.05	-.07
d. DDpolitical	237	2.81	2.90	2.82	2.81	.061	.008	.006	.002	.95	.92	.98	.96	13,175	24,697	263,164	.127	.855	.963	-.10	-.01	.00
9 a. LSreading	235	2.87	2.91	3.04	2.99	.053	.007	.005	.002	.81	.79	.79	.78	13,103	24,558	235	.476	.001	.027	-.05	-.21	-.15
b. LSnotes	236	2.72	2.84	2.98	2.90	.060	.008	.006	.002	.92	.88	.89	.88	244	240	236	.051	.000	.003	-.13	-.29	-.20
c. LSsummary	236	2.70	2.75	2.91	2.83	.057	.008	.006	.002	.88	.87	.87	.87	13,086	24,538	260,936	.333	.000	.020	-.06	-.24	-.15
10 challenge	236	5.44	5.32	5.51	5.39	.080	.011	.009	.002	1.23	1.25	1.32	1.27	13,011	24,343	259,092	.171	.419	.538	.09	-.05	.04
11 a. intern <sup>l</sup>	236	7%	6%	6%	6%	.017	.002	.002	.000	--	--	--	--	--	--	--	.400	.603	.688	.05	.03	.03
b. leader <sup>l</sup>	233	11%	11%	8%	9%	.020	.003	.002	.001	--	--	--	--	--	--	--	.921	.087	.198	.01	.10	.08
c. learncom <sup>l</sup>	235	10%	15%	10%	11%	.020	.003	.002	.001	--	--	--	--	--	--	--	.053	.941	.726	-.14	.00	-.02
d. abroad <sup>l</sup>	236	2%	2%	2%	2%	.010	.001	.001	.000	--	--	--	--	--	--	--	.627	.952	.802	.03	.00	.02
e. research <sup>l</sup>	234	5%	4%	4%	4%	.015	.002	.001	.000	--	--	--	--	--	--	--	.318	.281	.464	.06	.07	.05
f. capstone <sup>l</sup>	236	2%	2%	2%	2%	.009	.001	.001	.000	--	--	--	--	--	--	--	.783	.738	.965	-.02	-.02	.00
12 servcourse	232	1.71	1.60	1.64	1.59	.050	.006	.005	.001	.76	.69	.74	.70	12,822	23,918	254,886	.022	.167	.012	.15	.09	.17
13 a. QIstudent	229	5.01	5.39	5.41	5.34	.111	.012	.010	.003	1.69	1.37	1.49	1.45	234	23,036	229	.001	.000	.004	-.28	-.27	-.23
b. QIadvisor	232	5.40	5.43	5.48	5.38	.107	.014	.011	.003	1.64	1.57	1.61	1.60	12,630	23,307	248,697	.732	.450	.829	-.02	-.05	.01
c. QIfaculty	231	5.37	5.36	5.48	5.36	.094	.012	.009	.003	1.42	1.36	1.44	1.42	12,622	23,313	249,530	.937	.240	.903	.01	-.08	.01
d. QIstaff	194	4.96	5.18	5.23	5.13	.127	.015	.012	.003	1.77	1.54	1.68	1.64	198	20,183	220,490	.098	.027	.170	-.14	-.16	-.10
e. QIadmin	224	5.19	5.20	5.28	5.10	.111	.014	.011	.003	1.66	1.55	1.65	1.63	11,906	21,947	231,670	.977	.432	.399	.00	-.05	.06

# NSSE 2021 Frequencies and Statistical Comparisons

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

### Washburn University

#### First-Year Students

Variable Name	N					Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Washburn	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public	Carnegie Class M	NSSE 2020 & 2021	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Plains Public	Carnegie Class M	NSSE 2020 & 2021
14 a. empstudy	232	2.97	3.03	3.07	3.08	.048	.007	.005	.002	.73	.73	.77	.76	12,763	236	231	.155	.025	.021	-.09	-.14	-.15
b. SEacademic	231	2.85	2.95	3.03	2.98	.054	.007	.006	.002	.82	.82	.87	.85	12,723	23,705	252,556	.085	.002	.022	-.11	-.20	-.15
c. SElearnsup	229	2.74	2.98	3.08	3.03	.063	.008	.006	.002	.96	.91	.93	.91	235	23,668	228	.000	.000	.000	-.26	-.36	-.31
d. SEdiverse	229	2.55	2.60	2.76	2.72	.060	.008	.006	.002	.91	.94	.99	.97	12,679	23,614	251,917	.431	.002	.010	-.05	-.21	-.17
e. SEsocial	230	2.62	2.81	2.86	2.82	.065	.008	.006	.002	.99	.88	.96	.93	236	23,559	230	.004	.000	.002	-.21	-.25	-.22
f. SEwellness	232	2.78	2.81	2.83	2.83	.061	.008	.006	.002	.93	.90	.96	.93	12,635	23,507	251,065	.731	.521	.463	-.02	-.04	-.05
g. SENonacad	231	2.17	2.23	2.33	2.29	.062	.008	.007	.002	.94	.94	1.01	.98	12,625	235	230	.327	.013	.068	-.07	-.15	-.12
h. SEactivities	230	2.39	2.60	2.57	2.61	.063	.009	.007	.002	.95	.95	1.06	1.00	12,600	235	250,520	.001	.006	.001	-.21	-.17	-.22
i. SEevents	232	2.26	2.28	2.38	2.39	.066	.008	.007	.002	1.01	.93	1.02	.97	238	23,482	250,610	.781	.079	.040	-.02	-.12	-.14
15 a. SBmyself	229	3.18	3.24	3.26	3.24	.045	.006	.005	.001	.68	.68	.71	.69	12,593	233	250,452	.163	.078	.205	-.09	-.11	-.08
b. SBvalued	231	2.95	2.96	3.08	2.99	.045	.007	.005	.001	.69	.74	.75	.75	12,595	235	250,071	.792	.003	.361	-.02	-.19	-.06
c. SBcommunity	229	2.89	2.98	3.02	2.97	.052	.007	.005	.002	.79	.76	.80	.78	236	23,474	250,392	.105	.011	.108	-.11	-.17	-.11
16 a. tmprephrs	229	15.23	14.65	14.39	15.01	.550	.072	.055	.017	8.32	8.00	8.42	8.40	12,549	23,336	249,403	.281	.135	.692	.07	.10	.03
b. tmcocurrhrs	230	4.43	5.32	4.50	4.95	.446	.063	.045	.014	6.76	6.94	6.85	6.86	12,533	23,253	248,779	.056	.886	.258	-.13	-.01	-.07
c. tmworkonhrs	228	2.23	2.47	1.87	2.00	.403	.051	.035	.011	6.09	5.71	5.34	5.35	12,538	230	248,900	.533	.370	.508	-.04	.07	.04
d. tmworkoffhrs	229	11.45	6.89	8.61	6.55	.787	.099	.079	.021	11.92	10.95	12.05	10.57	236	23,290	229	.000	.000	.000	.42	.24	.46
— tmworkhrs	226	13.67	9.32	10.44	8.51	.814	.111	.086	.024	12.24	12.25	13.07	11.88	12,504	23,165	247,967	.000	.000	.000	.36	.25	.43
e. tmservicehrs	229	1.74	2.13	2.61	2.24	.257	.041	.035	.009	3.89	4.55	5.24	4.73	12,541	237	248,924	.197	.001	.109	-.09	-.17	-.11
f. tmrelaxhrs	230	12.25	13.17	11.67	12.40	.540	.077	.058	.017	8.20	8.59	8.81	8.66	12,533	23,294	248,970	.110	.315	.792	-.11	.07	-.02
g. tmcarehrs	231	4.26	3.54	5.80	3.40	.569	.078	.070	.016	8.64	8.61	10.63	7.94	12,531	237	230	.209	.008	.134	.08	-.14	.11
h. tmcommutehrs	231	3.23	3.15	3.22	3.48	.325	.047	.040	.012	4.94	5.24	6.06	5.89	12,539	237	230	.823	.977	.439	.01	.00	-.04
17 reading	229	2.61	2.56	2.80	2.74	.071	.010	.007	.002	1.07	1.07	1.10	1.09	12,515	23,245	248,476	.481	.009	.078	.05	-.17	-.12
— tmreadinghrs	228	6.52	6.12	6.80	6.80	.379	.050	.040	.012	5.72	5.57	6.02	5.91	12,466	23,131	247,439	.286	.482	.463	.07	-.05	-.05

# NSSE 2021 Frequencies and Statistical Comparisons

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

### Washburn University

#### First-Year Students

Variable Name	N					Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>l</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Washburn	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public	Carnegie Class M	NSSE 2020 & 2021	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Plains Public	Carnegie Class M	NSSE 2020 & 2021
18 a. pgwrite	231	2.77	2.70	2.94	2.80	.057	.008	.006	.002	.86	.87	.86	.87	12,527	23,163	247,899	.272	.003	.607	.07	-.20	-.03
b. pgspeak	230	2.53	2.60	2.77	2.65	.061	.008	.006	.002	.93	.91	.94	.93	12,502	23,125	247,579	.267	.000	.044	-.07	-.25	-.13
c. pgthink	231	3.00	3.01	3.12	3.06	.053	.007	.005	.002	.81	.80	.81	.81	12,506	234	247,624	.885	.020	.256	-.01	-.15	-.07
d. pganalyze	231	2.55	2.66	2.68	2.68	.061	.008	.006	.002	.93	.94	.97	.95	12,526	23,132	247,519	.075	.036	.040	-.12	-.14	-.14
e. pgwork	231	2.52	2.63	2.66	2.59	.061	.008	.007	.002	.93	.94	.98	.96	12,509	23,138	247,576	.092	.033	.327	-.11	-.14	-.06
f. pgothers	229	2.62	2.76	2.86	2.78	.058	.008	.006	.002	.88	.89	.92	.91	12,495	23,117	247,487	.018	.000	.007	-.16	-.26	-.18
g. pgvalues	229	2.70	2.61	2.81	2.69	.062	.008	.006	.002	.94	.93	.95	.95	12,491	23,126	247,342	.135	.079	.826	.10	-.12	.01
h. pgdiverse	229	2.82	2.67	2.88	2.79	.059	.008	.006	.002	.90	.94	.94	.94	238	23,129	247,563	.018	.275	.691	.15	-.07	.03
i. pgprobsolve	228	2.48	2.60	2.70	2.64	.060	.008	.006	.002	.91	.92	.96	.94	12,484	23,130	247,587	.050	.000	.010	-.13	-.24	-.17
j. pgcitizen	229	2.61	2.55	2.72	2.65	.065	.008	.006	.002	.99	.94	.97	.95	12,508	23,158	247,918	.347	.098	.579	.06	-.11	-.04
19 evalexp	228	3.02	3.12	3.19	3.12	.046	.007	.005	.002	.69	.73	.76	.75	236	232	227	.020	.000	.029	-.15	-.22	-.13
20 sameinst	227	3.18	3.23	3.23	3.20	.049	.007	.005	.002	.74	.77	.81	.79	235	232	227	.272	.242	.610	-.07	-.07	-.03
21 returnexp <sup>l</sup>	229	89%	89%	88%	88%	.0209	.0028	.0022	.0006	--	--	--	--	--	--	--	.814	.645	.771	-.02	.03	.02
22 covidexp	229	3.09	3.05	3.10	3.04	.054	.013	.009	.003	.81	.93	.90	.91	256	241	229	.515	.743	.374	.04	-.02	.05

IPEDS: 156082

# NSSE 2021 Frequencies and Statistical Comparisons

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

### Washburn University

#### Seniors

Variable Name	N					Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Washburn	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public	Carnegie Class M	NSSE 2020 & 2021	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Plains Public	Carnegie Class M	NSSE 2020 & 2021
1 a. askquest	296	3.14	2.98	3.18	3.01	.049	.007	.005	.002	.84	.88	.86	.89	17,502	31,832	324,308	.002	.449	.011	.18	-.04	.15
b. CLaskhelp	293	2.24	2.38	2.23	2.38	.057	.007	.005	.002	.97	.95	.96	.95	17,431	31,613	322,266	.011	.885	.008	-.15	.01	-.16
c. CLexplain	292	2.31	2.61	2.48	2.62	.053	.007	.005	.002	.90	.91	.94	.92	17,416	297	321,823	.000	.001	.000	-.33	-.19	-.34
d. CLstudy	289	2.04	2.34	2.24	2.36	.060	.008	.006	.002	1.01	1.02	1.05	1.03	298	294	288	.000	.001	.000	-.29	-.18	-.31
e. CLproject	288	2.36	2.79	2.66	2.75	.058	.007	.005	.002	.99	.93	.96	.96	296	31,227	318,728	.000	.000	.000	-.47	-.31	-.41
f. present	289	2.12	2.53	2.49	2.57	.052	.007	.006	.002	.89	.96	1.00	.98	299	294	288	.000	.000	.000	-.42	-.36	-.46
2 a. RIintegrate	286	2.91	2.90	2.85	2.88	.048	.006	.005	.002	.81	.83	.88	.86	17,113	292	286	.910	.226	.588	.01	.07	.03
b. RISocietal	286	2.86	2.69	2.82	2.77	.051	.007	.005	.002	.86	.90	.90	.92	296	291	286	.001	.463	.073	.18	.04	.10
c. RIDiverse	286	2.70	2.49	2.70	2.61	.056	.008	.005	.002	.95	.97	.94	.97	16,944	30,483	310,455	.000	.993	.112	.21	.00	.09
d. RIownview	284	2.90	2.78	2.89	2.84	.047	.006	.005	.002	.79	.84	.82	.84	294	30,231	284	.017	.881	.209	.14	.01	.07
e. RIPerspect	284	3.05	2.91	3.01	2.98	.046	.006	.005	.001	.78	.81	.80	.82	294	29,897	303,554	.004	.394	.131	.17	.05	.09
f. RInewview	282	2.95	2.91	2.98	2.96	.047	.006	.005	.001	.79	.79	.80	.80	16,478	29,507	299,659	.375	.525	.894	.05	-.04	-.01
g. RIconnect	281	3.24	3.16	3.21	3.18	.042	.006	.004	.001	.70	.73	.74	.74	16,313	29,243	296,561	.062	.434	.149	.11	.05	.09
3 a. SFcareer	281	2.50	2.36	2.37	2.40	.058	.008	.006	.002	.97	.97	1.00	.99	16,277	29,252	296,271	.019	.038	.084	.14	.12	.10
b. SFotherwork	279	1.95	1.93	1.82	1.92	.060	.008	.006	.002	.99	.99	1.00	1.01	16,239	29,137	294,921	.730	.030	.545	.02	.13	.04
c. SFdiscuss	275	2.08	2.06	2.01	2.11	.057	.007	.006	.002	.95	.93	.97	.96	16,127	28,883	292,538	.766	.204	.670	.02	.08	-.03
d. SFperform	277	2.30	2.11	2.16	2.18	.054	.007	.005	.002	.90	.90	.93	.93	16,137	28,883	292,550	.000	.015	.032	.21	.15	.13
4 a. memorize	275	2.69	2.69	2.67	2.74	.054	.007	.005	.002	.89	.87	.92	.89	16,043	28,676	290,502	.889	.633	.347	.01	.03	-.06
b. HOapply	275	3.01	3.04	3.08	3.05	.047	.006	.005	.002	.78	.79	.80	.81	15,991	28,566	289,142	.443	.102	.368	-.05	-.10	-.05
c. HOanalyze	272	2.97	2.97	3.05	3.02	.047	.007	.005	.002	.78	.82	.82	.82	15,830	28,322	286,337	.984	.088	.278	.00	-.10	-.07
d. HOevaluate	270	2.95	2.86	3.03	2.94	.048	.007	.005	.002	.78	.86	.82	.86	280	28,166	269	.045	.119	.793	.11	-.10	.01
e. HOform	266	2.91	2.91	3.02	2.96	.047	.007	.005	.002	.77	.81	.81	.83	15,672	28,050	283,331	.973	.025	.251	.00	-.14	-.07
5 a. ETgoals	268	3.18	3.10	3.16	3.12	.047	.006	.005	.002	.78	.79	.80	.80	15,590	27,873	281,370	.092	.659	.237	.10	.03	.07
b. ETorganize	267	3.07	3.04	3.07	3.03	.048	.007	.005	.002	.79	.81	.87	.85	15,547	273	280,612	.521	.974	.422	.04	.00	.05
c. ETexample	267	3.07	3.07	3.05	3.07	.051	.007	.005	.002	.83	.81	.87	.85	15,520	27,740	280,139	.889	.724	.893	.01	.02	.01
d. ETdraftfb	267	3.00	2.71	2.84	2.79	.056	.008	.006	.002	.91	.96	.97	.96	277	272	267	.000	.006	.000	.31	.16	.22
e. ETfeedback	265	2.96	2.78	2.89	2.80	.055	.007	.006	.002	.89	.89	.92	.92	274	27,624	265	.001	.209	.005	.20	.08	.17
f. etcriteria	266	3.10	3.10	3.11	3.03	.052	.010	.008	.002	.85	.83	.84	.86	6,762	10,263	122,756	.970	.858	.173	.00	-.01	.08
g. etreview	265	3.10	3.06	3.09	3.01	.050	.010	.008	.002	.82	.83	.82	.84	6,749	10,241	122,441	.447	.864	.089	.05	.01	.10
h. etprefer	264	2.81	2.76	2.80	2.68	.054	.011	.009	.003	.87	.90	.90	.93	6,744	10,228	264	.407	.838	.017	.05	.01	.14
i. etdemonstrate	263	3.15	3.18	3.18	3.12	.047	.010	.008	.002	.76	.80	.80	.83	6,733	10,226	122,015	.569	.607	.442	-.04	-.03	.05

# NSSE 2021 Frequencies and Statistical Comparisons

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

### Washburn University

#### Seniors

Variable Name	N					Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Washburn	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public	Carnegie Class M	NSSE 2020 & 2021	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Plains Public	Carnegie Class M	NSSE 2020 & 2021
6 a. QRconclude	257	2.51	2.67	2.63	2.65	.058	.007	.006	.002	.93	.89	.92	.92	15,225	27,245	273,553	.005	.043	.013	-.18	-.13	-.15
b. QRproblem	255	2.42	2.44	2.47	2.45	.060	.008	.006	.002	.96	.94	.96	.96	15,172	27,123	272,284	.754	.436	.559	-.02	-.05	-.04
c. QRevaluate	255	2.40	2.43	2.41	2.45	.056	.007	.006	.002	.90	.90	.94	.93	15,133	27,010	271,185	.538	.797	.400	-.04	-.02	-.05
7 a. wrshortnum	253	6.74	7.50	8.87	7.61	.403	.055	.045	.013	6.42	6.70	7.35	6.69	15,102	258	270,266	.075	.000	.039	-.11	-.29	-.13
b. wrmednum	253	2.40	3.23	4.27	3.60	.206	.036	.032	.009	3.28	4.33	5.29	4.59	267	265	253	.000	.000	.000	-.19	-.36	-.26
c. wrlongnum	253	.96	1.73	2.27	2.01	.135	.029	.027	.008	2.14	3.59	4.41	3.93	277	273	254	.000	.000	.000	-.22	-.30	-.27
— wrpages	251	54.00	73.80	94.33	81.34	4.026	.759	.695	.193	63.81	92.08	112.92	99.96	268	265	251	.000	.000	.000	-.22	-.36	-.27
8 a. DDrace	252	2.90	2.87	3.03	3.02	.055	.008	.006	.002	.88	.93	.94	.94	261	26,875	269,652	.485	.036	.042	.04	-.13	-.13
b. DDeconomic	252	2.93	2.93	3.00	3.00	.056	.007	.006	.002	.88	.88	.91	.90	15,040	26,782	268,820	.990	.262	.245	.00	-.07	-.07
c. DDreligion	252	2.89	2.89	2.90	2.92	.058	.008	.006	.002	.92	.93	.96	.95	15,035	26,784	268,800	.894	.797	.624	-.01	-.02	-.03
d. DDpolitical	252	2.88	2.92	2.89	2.86	.057	.008	.006	.002	.90	.91	.96	.96	15,036	26,815	252	.468	.847	.768	-.05	-.01	.02
9 a. LSreading	251	3.07	3.00	3.14	3.08	.052	.007	.005	.002	.82	.82	.79	.81	14,971	26,620	267,706	.166	.203	.926	.09	-.08	-.01
b. LSnotes	252	2.94	2.74	2.92	2.86	.060	.008	.006	.002	.95	.93	.93	.93	14,975	26,604	267,437	.001	.783	.160	.21	.02	.09
c. LSsummary	252	2.95	2.76	2.96	2.86	.055	.007	.005	.002	.87	.90	.88	.90	261	26,596	252	.001	.877	.100	.21	-.01	.10
10 challenge	250	5.43	5.44	5.70	5.51	.083	.011	.008	.003	1.31	1.31	1.33	1.34	14,885	26,405	265,716	.906	.002	.390	-.01	-.20	-.05
11 a. intern <sup>l</sup>	250	41%	49%	41%	46%	.0312	.0041	.0030	.0010	--	--	--	--	--	--	--	.025	.988	.167	-.14	.00	-.09
b. leader <sup>l</sup>	247	29%	37%	26%	33%	.0289	.0040	.0027	.0009	--	--	--	--	--	--	--	.007	.350	.227	-.18	.06	-.08
c. learncom <sup>l</sup>	247	20%	23%	21%	22%	.0254	.0035	.0025	.0008	--	--	--	--	--	--	--	.167	.747	.472	-.09	-.02	-.05
d. abroad <sup>l</sup>	247	6%	12%	9%	12%	.0147	.0027	.0018	.0006	--	--	--	--	--	--	--	.002	.045	.001	-.23	-.14	-.24
e. research <sup>l</sup>	248	18%	21%	17%	22%	.0244	.0034	.0023	.0008	--	--	--	--	--	--	--	.269	.599	.121	-.07	.03	-.10
f. capstone <sup>l</sup>	246	32%	45%	38%	44%	.0298	.0041	.0030	.0010	--	--	--	--	--	--	--	.000	.034	.000	-.27	-.14	-.25
12 servcourse	247	1.73	1.71	1.84	1.74	.049	.006	.005	.001	.77	.71	.76	.72	14,738	26,054	262,489	.605	.027	.832	.03	-.14	-.01
13 a. Qlstudent	239	5.60	5.63	5.68	5.56	.087	.011	.009	.003	1.35	1.27	1.37	1.38	14,371	25,135	254,473	.737	.401	.662	-.02	-.05	.03
b. Qladvisor	242	5.70	5.34	5.44	5.29	.096	.014	.011	.003	1.49	1.70	1.71	1.75	252	247	242	.000	.007	.000	.21	.15	.24
c. Qlfaculty	243	5.71	5.49	5.63	5.50	.090	.011	.009	.003	1.40	1.35	1.42	1.42	14,607	25,583	259,199	.010	.338	.019	.17	.06	.15
d. Qlstaff	183	5.17	5.13	5.14	5.00	.124	.015	.012	.004	1.67	1.60	1.75	1.74	11,901	20,017	212,379	.742	.808	.190	.02	.02	.10
e. Qladmin	222	5.12	5.18	5.19	4.99	.111	.014	.011	.004	1.65	1.59	1.72	1.73	13,583	23,745	241,857	.586	.533	.276	-.04	-.04	.07



# NSSE 2021 Frequencies and Statistical Comparisons

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

### Washburn University

#### Seniors

Variable Name	N					Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Washburn	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public	Carnegie Class M	NSSE 2020 & 2021	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Plains Public	Carnegie Class M	NSSE 2020 & 2021
14 a. empstudy	246	3.08	3.10	3.11	3.13	.050	.006	.005	.002	.78	.75	.78	.77	14,704	25,969	261,326	.604	.534	.293	-.03	-.04	-.07
b. SEacademic	246	2.91	2.88	2.93	2.89	.053	.007	.006	.002	.84	.84	.89	.88	14,654	25,906	260,835	.565	.763	.769	.04	-.02	.02
c. SElearnsup	243	2.78	2.79	2.87	2.83	.060	.008	.006	.002	.93	.92	.96	.95	14,657	25,857	260,497	.832	.124	.411	-.01	-.10	-.05
d. SEdiverse	244	2.66	2.51	2.65	2.61	.062	.008	.006	.002	.97	.97	1.01	1.00	14,645	25,835	260,143	.013	.915	.412	.16	.01	.05
e. SEsocial	241	2.71	2.75	2.73	2.76	.059	.008	.006	.002	.92	.90	.98	.95	14,627	25,754	259,824	.428	.752	.420	-.05	-.02	-.05
f. SEwellness	242	2.79	2.69	2.65	2.69	.060	.008	.006	.002	.93	.94	1.00	.97	14,595	246	241	.114	.024	.125	.10	.14	.09
g. SENonacad	243	2.10	2.06	2.15	2.10	.057	.008	.006	.002	.89	.95	1.03	.99	14,583	248	242	.454	.358	.948	.05	-.05	.00
h. SEactivities	242	2.36	2.45	2.35	2.49	.065	.008	.007	.002	1.02	.97	1.05	1.01	14,564	25,570	258,803	.196	.859	.058	-.08	.01	-.12
i. SEevents	242	2.25	2.20	2.22	2.29	.061	.008	.006	.002	.94	.93	1.01	.98	14,565	25,607	258,880	.360	.655	.496	.06	.03	-.04
15 a. SBmyself	242	3.25	3.32	3.33	3.30	.045	.006	.005	.001	.70	.69	.72	.73	14,560	25,649	259,014	.102	.091	.310	-.11	-.11	-.07
b. SBvalued	240	2.98	2.93	3.01	2.92	.053	.007	.005	.002	.82	.82	.84	.85	14,552	25,631	240	.277	.611	.190	.07	-.03	.08
c. SBcommunity	241	2.97	2.97	2.99	2.95	.053	.007	.005	.002	.82	.81	.84	.84	14,566	25,637	258,896	.975	.730	.636	.00	-.02	.03
16 a. tmprephrs	242	15.48	15.16	15.08	15.42	.571	.073	.056	.018	8.87	8.77	8.91	8.91	14,534	25,562	258,036	.579	.488	.920	.04	.04	.01
b. tmcocurrhrs	241	4.53	4.80	4.01	4.67	.479	.058	.043	.014	7.44	6.91	6.90	7.05	14,509	25,502	257,587	.551	.243	.759	-.04	.08	-.02
c. tmworkonhrs	239	1.97	3.58	2.51	3.25	.390	.057	.039	.013	6.03	6.87	6.19	6.80	249	243	239	.000	.172	.001	-.24	-.09	-.19
d. tmworkoffhrs	242	15.90	13.01	15.65	12.90	.840	.110	.088	.026	13.06	13.16	14.01	13.35	14,515	246	257,803	.001	.764	.000	.22	.02	.22
— tmworkhrs	239	17.82	16.58	18.14	16.13	.876	.109	.089	.027	13.56	13.00	14.13	13.60	14,463	25,356	256,728	.143	.728	.055	.10	-.02	.12
e. tmservicehrs	238	2.04	2.58	3.53	3.07	.219	.041	.039	.011	3.38	4.88	6.12	5.63	14,505	252	238	.088	.000	.000	-.11	-.25	-.18
f. tmrelaxhrs	240	9.98	11.58	9.90	11.07	.500	.069	.051	.016	7.75	8.21	8.05	8.32	249	25,470	240	.002	.874	.031	-.20	.01	-.13
g. tmcarehrs	241	7.63	5.61	9.35	6.19	.783	.091	.082	.022	12.15	10.92	13.00	11.06	246	245	240	.011	.030	.067	.18	-.13	.13
h. tmcommutehrs	240	3.80	3.79	3.95	4.45	.385	.045	.041	.012	5.96	5.35	6.46	6.30	14,514	245	240	.972	.703	.092	.00	-.02	-.10
17 reading	241	2.86	2.64	2.91	2.83	.072	.010	.007	.002	1.12	1.15	1.14	1.18	249	25,422	240	.003	.498	.650	.19	-.04	.03
— tmreadinghrs	241	7.36	6.54	7.60	7.34	.391	.050	.042	.013	6.07	5.96	6.70	6.48	14,449	25,314	256,165	.035	.580	.979	.14	-.04	.00

# NSSE 2021 Frequencies and Statistical Comparisons

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

### Washburn University

#### Seniors

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Washburn	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Washburn	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Plains Public	Carnegie Class M	NSSE 2020 & 2021	Plains Public	Carnegie Class M	NSSE 2020 & 2021				
	Comparisons with:																Comparisons with:			Comparisons with:						
18 a. pgwrite	242	3.04	2.92	3.09	3.01	.048	.007	.005	.002	.74	.88	.86	.89	252	247	241	.018	.254	.470	.13	-.06	.04				
b. pgspeak	241	2.90	2.85	2.96	2.92	.057	.008	.006	.002	.89	.91	.93	.93	14,482	25,359	256,772	.453	.302	.730	.05	-.07	-.02				
c. pgthink	242	3.30	3.28	3.31	3.29	.047	.006	.005	.002	.73	.77	.77	.78	14,477	25,404	256,920	.680	.825	.878	.03	-.01	.01				
d. pganalyze	242	2.72	2.92	2.87	2.91	.063	.008	.006	.002	.98	.94	.97	.96	248	25,370	256,798	.002	.017	.002	-.21	-.15	-.20				
e. pgwork	242	3.06	3.00	3.01	2.93	.060	.008	.006	.002	.94	.92	.94	.96	14,474	25,367	256,817	.280	.402	.037	.07	.05	.13				
f. pgothers	242	2.95	3.04	3.07	3.04	.057	.007	.006	.002	.88	.86	.89	.89	14,459	25,348	256,704	.113	.031	.113	-.10	-.14	-.10				
g. pgvalues	243	2.88	2.77	2.97	2.85	.058	.008	.006	.002	.90	.97	.95	.98	251	25,335	242	.067	.169	.606	.11	-.09	.03				
h. pgdiverse	243	2.85	2.77	2.95	2.88	.054	.008	.006	.002	.85	.97	.96	.97	252	248	242	.162	.067	.558	.08	-.11	-.03				
i. pgprobsolve	243	2.85	2.86	2.90	2.85	.057	.008	.006	.002	.89	.92	.95	.95	14,460	25,365	242	.802	.372	.893	-.02	-.06	-.01				
j. pgcitizen	243	2.80	2.64	2.81	2.73	.060	.008	.006	.002	.93	.99	.99	.99	251	25,383	242	.012	.787	.300	.16	-.02	.06				
19 evalexp	245	3.30	3.22	3.25	3.20	.048	.006	.005	.002	.75	.75	.77	.78	14,511	25,459	257,830	.084	.313	.045	.11	.06	.13				
20 sameinst	245	3.25	3.23	3.23	3.20	.048	.007	.005	.002	.75	.81	.86	.85	14,541	250	244	.836	.725	.324	.01	.02	.06				
21 covidexp	244	3.12	3.04	3.03	3.02	.056	.012	.010	.003	.87	.91	.94	.94	6,362	9,542	113,709	.199	.156	.098	.08	.09	.11				

IPEDS: 156082

### 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."