
NSSE 2019

Frequencies and Statistical Comparisons

Washington State University

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NSSE 2019 Frequencies and Statistical Comparisons


About This Report

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

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

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

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	3	0	244	2	54	2	6,952	3	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
		2	Sometimes	197	20	4,397	27	845	29	75,222	33								
		3	Often	112	33	5,947	37	1,086	38	81,724	35								
		4	Very often	280	46	5,440	34	889	31	66,983	29								
			Total	630	100	16,028	100	2,874	100	230,881	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
		2	Sometimes	267	42	5,959	37	978	34	79,495	34								
		3	Often	164	26	4,548	29	88	3	67,348	29								
		4	Very often	113	19	2,072	13	52	2	47,208	21								
			Total	626	100	15,948	100	2,858	100	229,541	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6	3.1	3.1	.02	3.1	-.04	3.0	.06	
		2	Sometimes	56	9	1,666	11	262	10	28,134	13								
		3	Often	384	63	9,147	57	1,586	57	128,802	56								
		4	Very often	150	24	4,267	27	851	29	58,873	26								
			Total	615	100	15,858	100	2,833	100	228,352	100								

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

8. **Key to symbols:**

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

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

NSSE 2019 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b								
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e	Effect size ^e	Effect size ^e		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Effect size ^e	Effect size ^e	Effect size ^e
1. During the current school year, about how often have you done the following?																				
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	47	4	431	6	433	5	338	4	2.6	2.6	.00	2.7	-.06	2.8 ***	-.20	▽	
		2	Sometimes	541	45	3,432	44	3,777	42	3,733	37									
		3	Often	400	34	2,630	32	3,017	33	3,521	35									
		4	Very often	200	16	1,495	18	1,736	19	2,425	24									
		Total		1,188	100	7,988	100	8,963	100	10,017	100									
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	223	19	1,776	24	2,031	25	2,127	22	2.4	2.3 **	.09	2.2 ***	.11	2.3		.05	△
		2	Sometimes	477	41	2,977	38	3,394	39	3,756	38									
		3	Often	313	26	2,127	26	2,326	24	2,652	26									
		4	Very often	178	14	1,065	13	1,163	13	1,411	14									
		Total		1,191	100	7,945	100	8,914	100	9,946	100									
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	67	6	461	6	504	6	670	7	2.9	2.9	-.01	2.9	-.01	2.9 *	.06	△	
		2	Often	204	17	1,284	17	1,389	16	1,647	17									
		3	Sometimes	677	57	4,462	56	5,101	56	5,751	57									
		4	Never	241	20	1,743	22	1,935	21	1,882	19									
		Total		1,189	100	7,950	100	8,929	100	9,950	100									
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	548	47	3,087	40	3,657	41	3,463	37	1.7	1.9 ***	-.16	1.8 ***	-.12	1.9 ***	-.20	▽	
		2	Sometimes	438	36	3,118	39	3,475	40	4,158	42									
		3	Often	144	12	1,158	14	1,167	13	1,507	14									
		4	Very often	60	5	570	7	598	6	794	8									
		Total		1,190	100	7,933	100	8,897	100	9,922	100									
e. Asked another student to help you understand course material	CLaskhelp	1	Never	87	8	447	6	508	6	536	6	2.7	2.8 **	-.09	2.8 **	-.09	2.8 *	-.07	▽	
		2	Sometimes	396	35	2,546	33	2,932	33	3,306	34									
		3	Often	456	37	3,123	39	3,496	38	3,828	38									
		4	Very often	250	20	1,808	23	1,949	22	2,240	22									
		Total		1,189	100	7,924	100	8,885	100	9,910	100									
f. Explained course material to one or more students	CLexplain	1	Never	41	4	226	3	264	3	226	3	2.8	2.8	-.05	2.8	-.05	2.9 **	-.09	▽	
		2	Sometimes	401	35	2,591	33	2,939	33	3,125	32									
		3	Often	497	42	3,372	42	3,792	42	4,334	43									
		4	Very often	249	20	1,718	22	1,871	22	2,208	23									
		Total		1,188	100	7,907	100	8,866	100	9,893	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 2019 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan		Legislative Peers		AAU Institutions		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	168	15	815	11	889	11	957	11	2.5	2.7 ***	-0.17	2.7 ***	-0.16	2.7 ***	-0.16	
		2	Sometimes	410	35	2,479	32	2,864	32	3,158	33								
		3	Often	380	32	2,675	33	3,008	33	3,302	33								
		4	Very often	226	18	1,907	24	2,071	23	2,434	24								
		Total		1,184	100	7,876	100	8,832	100	9,851	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	56	5	522	7	552	7	548	6	2.7	2.7	-0.02	2.7	-0.02	2.7 *	-0.07	
		2	Sometimes	442	39	2,817	36	3,227	37	3,516	36								
		3	Often	464	39	2,896	36	3,287	36	3,582	36								
		4	Very often	214	17	1,604	20	1,726	20	2,167	22								
		Total		1,176	100	7,839	100	8,792	100	9,813	100								
i. Given a course presentation	present	1	Never	263	23	2,056	26	2,125	25	2,107	22	2.1	2.1	.02	2.1	-0.01	2.2 ***	-0.10	
		2	Sometimes	583	50	3,562	46	3,997	46	4,563	46								
		3	Often	251	21	1,577	20	1,884	21	2,125	21								
		4	Very often	81	6	635	8	767	8	1,003	10								
		Total		1,178	100	7,830	100	8,773	100	9,798	100								
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	50	5	569	8	638	8	639	7	2.7	2.6 ***	.16	2.6 ***	.14	2.6 **	.08	
		2	Sometimes	418	37	3,147	42	3,466	41	3,821	40								
		3	Often	517	43	2,925	37	3,315	37	3,729	38								
		4	Very often	182	15	1,094	14	1,253	14	1,524	16								
		Total		1,167	100	7,735	100	8,672	100	9,713	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	85	8	698	11	747	10	756	9	2.6	2.5 **	.10	2.5 ***	.11	2.6	.00	
		2	Sometimes	423	37	3,085	41	3,499	42	3,651	38								
		3	Often	475	40	2,724	34	3,096	34	3,634	37								
		4	Very often	177	14	1,184	14	1,274	13	1,613	16								
		Total		1,160	100	7,691	100	8,616	100	9,654	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	100	10	829	13	920	13	812	10	2.6	2.5 **	.09	2.5 ***	.11	2.6	.00	
		2	Sometimes	431	38	2,977	40	3,328	40	3,558	38								
		3	Often	437	37	2,627	33	2,975	33	3,528	36								
		4	Very often	187	15	1,194	14	1,319	14	1,681	16								
		Total		1,155	100	7,627	100	8,542	100	9,579	100								

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

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b									
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e	Effect size ^e	Effect size ^e			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean			
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	44	4	354	5	394	5	407	5	2.8	2.7 **	.08	2.7 **	.10	2.8	.05			
		2	Sometimes	340	30	2,438	33	2,721	34	2,978	32								Δ	Δ	
		3	Often	559	48	3,465	45	3,890	44	4,392	45										
		4	Very often	208	18	1,317	17	1,456	17	1,728	18										
		Total		1,151	100	7,574	100	8,461	100	9,505	100										
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	29	3	184	3	215	4	241	3	2.9	2.9	.01	2.9	.05	2.9	.02			
		2	Sometimes	306	27	1,988	28	2,255	29	2,496	28										
		3	Often	542	47	3,482	46	3,938	45	4,402	45										
		4	Very often	269	23	1,798	24	1,944	22	2,247	23										
		Total		1,146	100	7,452	100	8,352	100	9,386	100										
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	30	3	160	3	177	3	191	3	2.8	2.8	-.01	2.8	.01	2.9	-.04			
		2	Sometimes	350	31	2,218	31	2,536	32	2,740	31										
		3	Often	521	45	3,502	47	3,854	45	4,350	45										
		4	Very often	240	20	1,499	20	1,687	20	2,026	21										
		Total		1,141	100	7,379	100	8,254	100	9,307	100										
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	9	1	76	1	81	1	84	1	3.0	3.0	.02	3.0	.03	3.1	-.01			
		2	Sometimes	215	20	1,434	20	1,628	21	1,773	20										
		3	Often	602	53	3,818	52	4,253	51	4,751	51										
		4	Very often	301	26	1,980	26	2,220	26	2,613	28										
		Total		1,127	100	7,308	100	8,182	100	9,221	100										
3. During the current school year, about how often have you done the following?																					
a. Talked about career plans with a faculty member	SFcareer	1	Never	125	12	1,220	18	1,298	18	1,563	18	2.5	2.3 ***	.16	2.3 ***	.17	2.3 ***	.18			
		2	Sometimes	477	43	3,178	44	3,624	45	4,196	46								Δ	Δ	Δ
		3	Often	365	32	1,956	26	2,168	25	2,289	24										
		4	Very often	161	13	964	12	1,093	12	1,175	12										
		Total		1,128	100	7,318	100	8,183	100	9,223	100										
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	507	46	3,210	45	3,612	46	3,939	44	1.8	1.8	.01	1.8	.02	1.9	-.02			
		2	Sometimes	347	31	2,429	33	2,752	33	3,196	34										
		3	Often	197	17	1,154	15	1,237	14	1,376	14										
		4	Very often	75	6	491	6	543	7	670	8										
		Total		1,126	100	7,284	100	8,144	100	9,181	100										

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

NSSE 2019 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	343	31	2,170	31	2,439	31	2,604	29	2.0	2.0	.00	2.0	.01	2.0	-.06
		2	Sometimes	492	45	3,272	45	3,665	45	4,099	45							
		3	Often	216	19	1,283	17	1,453	17	1,735	19							
		4	Very often	67	6	502	7	529	7	681	7							
		Total		1,118	100	7,227	100	8,086	100	9,119	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	257	23	1,842	27	2,037	27	2,248	26	2.1	2.1 *	.07	2.1 **	.08	2.1	.04
		2	Sometimes	532	48	3,369	46	3,825	47	4,314	47							
		3	Often	244	22	1,458	19	1,616	19	1,863	20							
		4	Very often	84	7	538	7	589	7	692	8							
		Total		1,117	100	7,207	100	8,067	100	9,117	100							
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	31	3	182	3	219	3	243	3	3.0	3.0	.01	2.9	.04	2.9	.04
		2	Some	256	24	1,706	24	1,907	25	2,202	26							
		3	Quite a bit	516	46	3,419	47	3,759	46	4,188	46							
		4	Very much	311	27	1,874	26	2,146	26	2,443	26							
		Total		1,114	100	7,181	100	8,031	100	9,076	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	32	3	167	2	192	2	212	2	2.9	3.0 ***	-.11	3.0 ***	-.13	3.0 ***	-.11
		2	Some	274	26	1,667	23	1,848	23	1,999	23							
		3	Quite a bit	551	50	3,472	48	3,872	47	4,375	48							
		4	Very much	257	22	1,850	26	2,096	28	2,462	27							
		Total		1,114	100	7,156	100	8,008	100	9,048	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	39	4	220	3	240	4	266	4	2.8	2.9 *	-.07	2.9 **	-.08	2.9 ***	-.11
		2	Some	308	28	1,919	27	2,098	26	2,273	26							
		3	Quite a bit	512	47	3,230	45	3,665	45	4,075	45							
		4	Very much	243	21	1,741	25	1,945	25	2,374	26							
		Total		1,102	100	7,110	100	7,948	100	8,988	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	44	4	333	5	357	5	398	5	2.9	2.8 **	.10	2.8 **	.10	2.8	.05
		2	Some	284	27	2,043	30	2,252	30	2,460	29							
		3	Quite a bit	516	47	3,228	45	3,619	44	4,051	44							
		4	Very much	252	22	1,474	20	1,693	20	2,063	22							
		Total		1,096	100	7,078	100	7,921	100	8,972	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 2019 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	55	5	300	5	325	5	342	4	2.8	2.8	.02	2.8	.02	2.9	-.02
		2	Some	270	25	1,989	29	2,224	29	2,472	28							
		3	Quite a bit	546	50	3,250	45	3,643	45	4,051	45							
		4	Very much	228	20	1,508	21	1,701	21	2,078	22							
		Total		1,099	100	7,047	100	7,893	100	8,943	100							
5. During the current school year, to what extent have your instructors done the following?																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	18	2	113	2	133	2	132	2	3.0	3.0	-.06	3.0 *	-.07	3.0 **	-.10
		2	Some	254	24	1,509	23	1,686	23	1,846	21							
		3	Quite a bit	563	51	3,395	48	3,760	47	4,312	48							
		4	Very much	258	23	1,976	27	2,259	29	2,593	29							
		Total		1,093	100	6,993	100	7,838	100	8,883	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	43	4	220	3	230	3	226	3	2.9	3.0 **	-.09	3.0 **	-.10	3.0 ***	-.13
		2	Some	279	26	1,564	23	1,749	23	1,955	22							
		3	Quite a bit	525	48	3,441	49	3,806	48	4,371	49							
		4	Very much	241	22	1,756	25	2,048	26	2,319	26							
		Total		1,088	100	6,981	100	7,833	100	8,871	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	34	3	188	3	211	3	207	3	2.9	3.0 *	-.08	3.0 **	-.10	3.0 ***	-.12
		2	Some	270	25	1,566	23	1,719	22	1,932	22							
		3	Quite a bit	515	48	3,241	46	3,611	46	4,114	46							
		4	Very much	268	24	1,976	28	2,281	29	2,595	29							
		Total		1,087	100	6,971	100	7,822	100	8,848	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	70	7	691	11	807	12	796	10	2.8	2.6 ***	.16	2.6 ***	.19	2.7 ***	.11
		2	Some	335	31	2,370	34	2,698	35	2,882	33							
		3	Quite a bit	450	41	2,552	36	2,787	34	3,332	37							
		4	Very much	234	21	1,337	19	1,506	19	1,829	20							
		Total		1,089	100	6,950	100	7,798	100	8,839	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	114	11	732	11	840	11	795	9	2.6	2.6	.04	2.6	.04	2.6	-.03
		2	Some	388	36	2,577	38	2,888	38	3,167	36							
		3	Quite a bit	411	37	2,530	36	2,797	35	3,361	38							
		4	Very much	175	16	1,097	15	1,255	16	1,501	17							
		Total		1,088	100	6,936	100	7,780	100	8,824	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 2019 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
6. During the current school year, about how often have you done the following?																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	102	9	593	8	705	8	821	9	2.6	2.6	-0.05	2.6	-0.04	2.6	-0.03
		2	Sometimes	404	37	2,541	37	2,884	37	3,179	36							
		3	Often	436	41	2,704	40	2,955	38	3,377	38							
		4	Very often	139	13	1,022	16	1,157	16	1,357	16							
			Total	1,081	100	6,860	100	7,701	100	8,734	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	194	18	1,323	19	1,457	20	1,651	19	2.4	2.3 *	.06	2.3 *	.07	2.3	.02
		2	Sometimes	423	39	2,784	41	3,158	41	3,446	40							
		3	Often	345	33	1,995	29	2,217	28	2,570	29							
		4	Very often	113	11	718	11	820	11	1,018	12							
			Total	1,075	100	6,820	100	7,652	100	8,685	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	162	14	1,029	15	1,175	16	1,289	15	2.4	2.4	.03	2.4	.04	2.4	-0.02
		2	Sometimes	457	43	2,996	44	3,357	44	3,582	41							
		3	Often	341	32	2,110	31	2,346	30	2,863	32							
		4	Very often	109	10	669	10	754	10	937	11							
			Total	1,069	100	6,804	100	7,632	100	8,671	100							
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages	wrshortnum	0	None	25	3	503	8	607	8	441	5	8.0	6.1 ***	.34	5.9 ***	.39	7.0 ***	.17
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	170	15	1,554	23	1,818	24	1,689	19							
		4	3-5	298	28	2,108	31	2,413	31	2,779	31							
		8	6-10	279	26	1,438	21	1,565	21	1,975	23							
		13	11-15	157	15	635	9	697	9	936	11							
		18	16-20	69	6	279	4	273	4	395	5							
		23	More than 20	70	7	283	4	258	3	450	6							
			Total	1,068	100	6,800	100	7,631	100	8,665	100							
b. Between 6 and 10 pages	wrmednum	0	None	256	24	2,540	38	3,013	41	2,907	34	2.8	2.3 ***	.15	2.1 ***	.21	2.5 *	.07
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	459	43	2,545	36	2,865	36	3,283	37							
		4	3-5	236	22	1,064	16	1,095	14	1,503	18							
		8	6-10	72	7	403	6	413	6	600	7							
		13	11-15	25	3	159	2	158	2	246	3							
		18	16-20	12	1	39	1	34	0	52	1							
		23	More than 20	7	1	38	1	44	1	57	1							
			Total	1,067	100	6,788	100	7,622	100	8,648	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 2019 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU		Strategic Plan		Legislative Peers		AAU Institutions	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. 11 pages or more	wrlongnum	0	None	806	75	5,239	76	5,950	77	6,461	74	.9	1.0	-.03	.9	-.02	1.1 *	-.07	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	193	18	1,025	15	1,124	15	1,451	17								
		4	3-5	35	3	248	4	237	3	350	4								
		8	6-10	16	2	131	2	150	2	173	2								
		13	11-15	13	1	101	2	107	2	141	2								
		18	16-20	2	0	22	0	21	0	25	0								
		23	More than 20	4	1	27	1	35	1	47	1								
	Total			1,069	100	6,793	100	7,624	100	8,648	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.)									58.5	50.7 **	.11	47.7 ***	.15	56.7	.02	
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	43	4	220	4	253	3	207	3	3.0	3.0 *	-.07	3.0 *	-.07	3.1 ***	-.18	
		2	Sometimes	282	27	1,751	26	2,018	26	1,873	22								
		3	Often	370	35	2,322	34	2,586	33	2,958	34								
		4	Very often	374	34	2,488	37	2,749	37	3,596	41								
			Total	1,069	100	6,781	100	7,606	100	8,634	100								
b. People from an economic background other than your own	DDeconomic	1	Never	50	5	203	3	211	3	221	3	3.0	3.1 **	-.09	3.0 **	-.09	3.1 ***	-.14	
		2	Sometimes	250	24	1,537	23	1,719	23	1,848	22								
		3	Often	422	39	2,664	39	3,027	39	3,260	37								
		4	Very often	344	31	2,373	35	2,641	35	3,301	37								
			Total	1,066	100	6,777	100	7,598	100	8,630	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	65	6	298	5	298	4	288	4	2.9	3.0 **	-.10	3.0 **	-.10	3.1 ***	-.18	
		2	Sometimes	279	27	1,686	26	1,935	27	1,960	24								
		3	Often	382	36	2,403	35	2,709	35	3,015	35								
		4	Very often	339	31	2,389	35	2,658	35	3,368	38								
			Total	1,065	100	6,776	100	7,600	100	8,631	100								
d. People with political views other than your own	DDpolitical	1	Never	77	7	316	5	315	5	414	5	2.9	3.0 **	-.09	3.0 **	-.09	2.9	-.04	
		2	Sometimes	287	27	1,811	27	1,974	28	2,521	30								
		3	Often	387	36	2,361	34	2,717	34	2,822	32								
		4	Very often	316	30	2,286	34	2,593	33	2,879	32								
			Total	1,067	100	6,774	100	7,599	100	8,636	100								

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NSSE 2019 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU		Strategic Plan		Legislative Peers		AAU Institutions	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	26	3	129	2	149	3	146	2	3.0	2.9	.06	2.9 *	.07	3.0	-.01	
		2	Sometimes	231	23	1,648	26	1,819	27	1,846	24								
		3	Often	520	48	3,306	48	3,722	47	4,177	47								
		4	Very often	286	26	1,655	24	1,867	24	2,424	27								
		Total		1,063	100	6,738	100	7,557	100	8,593	100								
b. Reviewed your notes after class	LSnotes	1	Never	55	6	313	5	333	5	395	5	2.8	2.8	-.04	2.8	-.05	2.8	-.04	
		2	Sometimes	364	36	2,136	33	2,363	33	2,647	33								
		3	Often	350	32	2,453	36	2,743	35	3,124	36								
		4	Very often	293	27	1,835	26	2,113	27	2,420	26								
		Total		1,062	100	6,737	100	7,552	100	8,586	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	87	9	391	6	405	6	517	7	2.7	2.7 *	-.08	2.7 *	-.08	2.8 **	-.09	
		2	Sometimes	377	35	2,275	35	2,522	34	2,681	33								
		3	Often	369	35	2,618	39	2,968	38	3,384	39								
		4	Very often	230	21	1,451	21	1,656	21	1,996	22								
		Total		1,063	100	6,735	100	7,551	100	8,578	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	6	1	55	1	59	1	85	1	5.3	5.4 **	-.10	5.4 ***	-.11	5.4	-.04	
		2		11	1	44	1	64	1	79	1								
		3		44	4	273	4	307	4	396	5								
		4		135	13	723	11	813	11	971	12								
		5		389	37	2,416	35	2,628	34	3,046	35								
		6		288	27	1,827	27	2,088	27	2,272	26								
		7	Very much	186	16	1,369	21	1,557	22	1,698	20								
		Total		1,059	100	6,707	100	7,516	100	8,547	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		122	12	670	10	746	10	720	9	6%	8% *	-.07	8% *	-.08	10% ***	-.14	
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	54	6	312	5	322	4	352	5								
		Plan to do	818	77	5,181	77	5,878	77	6,672	76									
		Done or in progress	68	6	524	8	557	8	792	10									
		Total		1,062	100	6,687	100	7,503	100	8,536	100								

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NSSE 2019 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b									
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e	Effect size ^e	Effect size ^e			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Effect size ^e	Effect size ^e	Effect size ^e	
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	263	24	1,595	24	1,788	23	1,716	21	11%	13%	-.04	14% **	-.09	15% **	-.10			
			Do not plan to do	253	26	1,245	20	1,343	18	1,284	16										
			Plan to do	418	39	2,974	43	3,351	45	4,234	48										
			Done or in progress	126	11	863	13	1,008	14	1,281	15										
			Total	1,060	100	6,677	100	7,490	100	8,515	100										
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	349	34	1,732	26	2,040	28	2,239	27	10%	19% ***	-.24	16% ***	-.17	17% ***	-.20			
			Do not plan to do	304	30	2,093	32	2,353	33	2,625	31										
			Plan to do	286	26	1,558	23	1,814	23	2,219	25										
			Done or in progress	113	10	1,263	19	1,261	16	1,412	17										
			Total	1,052	100	6,646	100	7,468	100	8,495	100										
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	297	29	1,742	27	2,036	28	1,880	24	3%	3%	-.03	3%	-.03	4% *	-.08			
			Do not plan to do	290	29	1,441	24	1,697	24	1,458	19										
			Plan to do	439	39	3,240	46	3,504	44	4,823	53										
			Done or in progress	32	3	223	3	227	3	336	4										
			Total	1,058	100	6,646	100	7,464	100	8,497	100										
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	375	37	2,362	36	2,721	36	2,660	31	5%	5%	.01	6%	-.02	7%	-.05			
			Do not plan to do	239	23	1,440	22	1,676	21	1,755	20										
			Plan to do	382	35	2,491	38	2,676	37	3,531	42										
			Done or in progress	60	5	359	5	394	6	560	7										
			Total	1,056	100	6,652	100	7,467	100	8,506	100										
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	298	29	2,108	33	2,564	35	2,530	32	3%	2% *	.07	2% *	.06	2%	.04			
			Do not plan to do	89	9	739	12	825	12	891	11										
			Plan to do	637	59	3,692	54	3,956	51	4,915	55										
			Done or in progress	30	3	104	2	119	2	167	2										
			Total	1,054	100	6,643	100	7,464	100	8,503	100										
12. About how many of your courses at this institution have included a community-based project (service-learning)?																					
	servcourse		1 None	520	50	3,581	55	3,693	54	4,726	55	1.6	1.5	.03	1.6	.01	1.5	.05			
			2 Some	459	44	2,527	38	3,094	38	3,149	37										
			3 Most	62	5	434	6	549	6	489	6										
			4 All	8	1	87	1	104	2	120	2										
			Total	1,049	100	6,629	100	7,440	100	8,484	100										

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NSSE 2019 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		Your first-year students compared with							
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e	Effect size ^e	Effect size ^e	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	14	2	82	1	85	1	107	2	5.3	5.5 ** ▽	-10	5.5 ** ▽	-10	5.4	-.02	
		2		19	2	93	1	105	2	161	2								
		3		57	5	264	4	296	4	400	5								
		4		123	12	764	11	858	11	1,043	12								
		5		317	30	1,934	29	2,081	28	2,410	29								
		6		305	29	1,870	28	2,126	29	2,338	28								
		7	Excellent	210	19	1,588	24	1,845	24	1,982	22								
		—	Not applicable	7	1	30	1	36	1	25	0								
			Total	1,052	100	6,625	100	7,432	100	8,466	100								
b. Academic advisors	QIadvisor	1	Poor	27	2	142	2	155	2	220	3	5.4	5.4	.03	5.4	.01	5.2 *** △	.11	
		2		32	3	220	3	249	3	322	4								
		3		64	6	429	6	432	6	591	7								
		4		131	12	847	13	902	13	1,233	15								
		5		221	21	1,401	21	1,546	21	1,860	22								
		6		255	25	1,508	23	1,691	23	1,925	23								
		7	Excellent	314	30	1,979	29	2,361	30	2,206	26								
		—	Not applicable	8	1	89	2	85	1	94	1								
			Total	1,052	100	6,615	100	7,421	100	8,451	100								
c. Faculty	QIfaculty	1	Poor	7	1	81	1	94	2	103	2	5.3	5.2	.03	5.3	.00	5.2	.03	
		2		30	3	149	2	161	2	197	2								
		3		62	6	381	6	428	6	491	6								
		4		145	14	936	15	1,002	14	1,254	15								
		5		312	30	1,895	29	2,062	28	2,509	29								
		6		309	29	1,856	27	2,131	28	2,328	28								
		7	Excellent	173	17	1,251	18	1,474	19	1,494	17								
		—	Not applicable	12	1	66	1	69	1	76	1								
			Total	1,050	100	6,615	100	7,421	100	8,452	100								

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan	Legislative Peers	AAU Institutions	Your first-year students compared with			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	31	3	137	2	151	2	232	3	5.1	5.2 *	-07	5.2 *	-08	5.0	.03	
		2		35	3	214	3	245	3	321	4								
		3		63	6	417	7	463	6	593	7								
		4		156	15	941	14	1,031	14	1,357	16								
		5		281	27	1,560	23	1,741	23	2,114	25								
		6		260	25	1,546	23	1,705	22	1,805	21								
		7	Excellent	162	15	1,404	21	1,625	21	1,524	18								
		—	Not applicable	63	6	390	7	459	7	509	7								
	Total	1,051	100	6,609	100	7,420	100	8,455	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	34	3	174	3	181	3	242	3	5.0	5.1	-01	5.1	-06	4.9	.06	
		2		33	3	221	3	232	3	352	4								
		3		66	6	395	6	467	6	597	7								
		4		174	16	1,031	16	1,066	15	1,400	17								
		5		256	24	1,549	23	1,721	22	2,011	23								
		6		231	22	1,424	21	1,631	21	1,643	19								
		7	Excellent	163	15	1,163	17	1,442	19	1,302	15								
		—	Not applicable	95	10	646	10	673	11	899	12								
	Total	1,052	100	6,603	100	7,413	100	8,446	100										
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	17	2	74	1	92	1	128	2	3.0	3.1 ***	-16	3.1 ***	-17	3.1 **	-09	
		2	Some	216	21	1,120	17	1,278	17	1,573	19								
		3	Quite a bit	517	50	3,317	49	3,649	47	4,038	47								
		4	Very much	298	27	2,077	33	2,376	34	2,686	32								
			Total	1,048	100	6,588	100	7,395	100	8,425	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	46	4	157	3	172	3	194	3	3.0	3.0 **	-11	3.1 ***	-13	3.0	-06	
		2	Some	225	23	1,307	21	1,455	21	1,760	23								
		3	Quite a bit	478	45	3,003	45	3,250	43	3,975	46								
		4	Very much	298	27	2,104	31	2,503	33	2,479	29								
			Total	1,047	100	6,571	100	7,380	100	8,408	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	52	5	258	4	294	4	349	4	3.0	3.1	-04	3.1 *	-08	3.0	.02	
		2	Some	205	20	1,212	19	1,273	19	1,718	21								
		3	Quite a bit	421	41	2,756	42	2,963	39	3,603	43								
		4	Very much	366	33	2,347	34	2,847	37	2,739	32								
			Total	1,044	100	6,573	100	7,377	100	8,409	100								

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

NSSE 2019 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	141	14	546	9	605	9	794	10	2.6	2.8 ***	-0.22	2.8 ***	-0.23	2.8 ***	-0.21
		2	Some	335	32	1,921	30	2,102	29	2,338	29							
		3	Quite a bit	382	37	2,409	36	2,701	36	3,161	37							
		4	Very much	187	17	1,683	25	1,950	26	2,099	24							
		Total		1,045	100	6,559	100	7,358	100	8,392	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	61	6	224	4	237	4	315	4	2.9	3.0 ***	-0.19	3.0 ***	-0.21	3.0 ***	-0.17
		2	Some	256	26	1,435	22	1,496	21	1,802	22							
		3	Quite a bit	451	43	2,759	42	3,125	42	3,628	43							
		4	Very much	276	25	2,142	32	2,494	33	2,643	31							
		Total		1,044	100	6,560	100	7,352	100	8,388	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	80	8	294	5	315	5	409	5	2.8	3.0 ***	-0.19	3.0 ***	-0.19	3.0 ***	-0.13
		2	Some	251	25	1,349	21	1,479	22	1,914	23							
		3	Quite a bit	448	43	2,660	40	2,961	40	3,480	41							
		4	Very much	264	25	2,246	33	2,593	33	2,581	30							
		Total		1,043	100	6,549	100	7,348	100	8,384	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	247	23	1,251	20	1,380	20	1,799	22	2.2	2.4 ***	-0.18	2.3 ***	-0.16	2.3 ***	-0.12
		2	Some	433	42	2,539	39	2,822	40	3,261	39							
		3	Quite a bit	276	26	1,841	27	2,074	27	2,278	27							
		4	Very much	85	8	912	14	1,057	13	1,032	12							
		Total		1,041	100	6,543	100	7,333	100	8,370	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	95	9	304	5	347	5	464	5	2.8	3.0 ***	-0.20	2.9 ***	-0.17	2.9 ***	-0.13
		2	Some	254	26	1,628	25	1,808	26	2,194	27							
		3	Quite a bit	444	42	2,705	41	3,036	40	3,468	41							
		4	Very much	250	23	1,902	30	2,148	29	2,247	27							
		Total		1,043	100	6,539	100	7,339	100	8,373	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	172	17	834	14	928	15	1,069	14	2.3	2.5 ***	-0.17	2.5 ***	-0.14	2.5 ***	-0.16
		2	Some	435	42	2,514	39	2,753	38	3,153	38							
		3	Quite a bit	324	31	2,124	32	2,487	32	2,818	33							
		4	Very much	112	10	1,068	16	1,165	15	1,326	15							
		Total		1,043	100	6,540	100	7,333	100	8,366	100							

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NSSE 2019 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
15. About how many hours do you spend in a typical 7-day week doing the following?																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	4	0	19	0	28	0	31	1	14.9	15.5 *	-0.7	15.7 **	-0.10	16.4 ***	-0.18
		3	1-5 hrs	115	11	626	10	718	9	658	8							
		8	6-10 hrs	218	21	1,419	21	1,670	21	1,594	19							
		13	11-15 hrs	230	22	1,487	22	1,713	22	1,919	22							
		18	16-20 hrs	235	22	1,384	21	1,497	22	1,749	22							
		23	21-25 hrs	123	12	821	13	849	12	1,145	14							
		28	26-30 hrs	57	6	385	6	434	7	627	8							
		33	More than 30 hrs	57	5	366	7	398	7	611	8							
		Total			1,039	100	6,507	100	7,307	100	8,334	100						
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	337	33	1,475	24	1,609	22	1,519	20	5.7	6.1	-0.06	6.4 **	-0.11	6.7 ***	-0.15
		3	1-5 hrs	327	31	2,408	36	2,640	36	3,016	36							
		8	6-10 hrs	177	17	1,317	20	1,510	21	1,843	22							
		13	11-15 hrs	101	10	654	10	771	11	983	11							
		18	16-20 hrs	50	5	343	5	407	6	504	6							
		23	21-25 hrs	22	2	170	3	210	3	276	3							
		28	26-30 hrs	11	1	51	1	60	1	72	1							
		33	More than 30 hrs	17	2	70	1	79	1	109	1							
		Total			1,042	100	6,488	100	7,286	100	8,322	100						
c. Working for pay on campus	tmworkonhrs	0	0 hrs	832	81	4,865	74	5,516	76	6,174	75	2.2	3.1 ***	-0.15	2.9 ***	-0.12	3.0 ***	-0.13
		3	1-5 hrs	40	3	230	3	235	3	347	4							
		8	6-10 hrs	62	6	512	8	565	8	699	8							
		13	11-15 hrs	62	6	485	8	534	7	615	7							
		18	16-20 hrs	25	2	262	4	287	4	303	4							
		23	21-25 hrs	12	1	111	2	117	2	136	2							
		28	26-30 hrs	4	0	16	0	22	0	27	0							
		33	More than 30 hrs	3	0	28	1	25	0	30	0							
		Total			1,040	100	6,509	100	7,301	100	8,331	100						

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NSSE 2019 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	854	82	4,852	75	5,528	78	6,653	81	2.9	3.6 ** ▽	-0.9	3.1	-0.03	2.6	.05
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	33	3	299	4	307	4	347	4							
	8	6-10 hrs	31	3	345	5	337	4	358	4								
	13	11-15 hrs	36	4	350	5	372	4	348	4								
	18	16-20 hrs	33	3	306	5	334	4	291	3								
	23	21-25 hrs	21	2	201	3	246	3	201	2								
	28	26-30 hrs	16	1	68	1	83	1	64	1								
	33	More than 30 hrs	16	2	94	2	101	1	70	1								
	Total			1,040	100	6,515	100	7,308	100	8,332	100							
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											5.1	6.7 *** ▽	-0.16	6.0 ** ▽	-0.09	5.5	-0.05
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	590	60	3,621	57	3,968	56	4,546	57	2.3	2.4	-0.03	2.4	-0.04	2.5	-0.05
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	339	30	2,157	32	2,507	33	2,754	31							
	8	6-10 hrs	54	5	369	5	408	5	539	6								
	13	11-15 hrs	29	3	173	3	191	2	224	3								
	18	16-20 hrs	13	1	95	2	115	2	143	2								
	23	21-25 hrs	4	0	62	1	72	1	83	1								
	28	26-30 hrs	3	0	12	0	18	0	10	0								
	33	More than 30 hrs	4	1	19	0	23	0	25	0								
	Total			1,036	100	6,508	100	7,302	100	8,324	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	15	1	68	1	71	1	89	1	13.9	13.3 * △	.07	13.4	.06	13.4	.05
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	154	14	1,077	16	1,184	15	1,311	15							
	8	6-10 hrs	277	26	1,735	26	1,976	27	2,267	26								
	13	11-15 hrs	241	23	1,516	23	1,734	23	1,933	23								
	18	16-20 hrs	166	17	1,039	16	1,160	16	1,375	17								
	23	21-25 hrs	80	8	474	8	511	8	614	8								
	28	26-30 hrs	32	3	193	3	201	3	253	3								
	33	More than 30 hrs	76	8	403	7	459	7	486	6								
	Total			1,041	100	6,505	100	7,296	100	8,328	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 2019 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b													
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU		Strategic Plan		Legislative Peers		AAU Institutions							
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e								
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	894	86	5,541	85	6,252	86	7,171	86	1.6	1.5	.03	1.4	.06	1.4	.05							
	(<i>Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.</i>)	3	1-5 hrs	58	6	437	7	505	7	510	6														
	8	6-10 hrs	23	2	189	3	177	2	223	3															
	13	11-15 hrs	23	2	145	2	145	2	173	2															
	18	16-20 hrs	15	2	86	1	100	1	128	2															
	23	21-25 hrs	9	1	54	1	57	1	61	1															
	28	26-30 hrs	2	0	11	0	7	0	12	0															
	33	More than 30 hrs	13	1	40	1	52	1	37	0															
	Total			1,037	100	6,503	100	7,295	100	8,315	100														
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	300	29	2,371	38	2,612	35	3,248	39	4.5	3.9 **	.10	3.9 **	.10	3.9 **	.11							
	(<i>Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.</i>)	3	1-5 hrs	495	48	2,778	41	3,185	44	3,360	40														
	8	6-10 hrs	124	12	741	11	841	12	955	12															
	13	11-15 hrs	56	5	302	5	328	4	384	5															
	18	16-20 hrs	30	3	131	2	148	2	184	2															
	23	21-25 hrs	13	1	81	1	82	1	90	1															
	28	26-30 hrs	3	0	37	1	36	0	37	0															
	33	More than 30 hrs	18	2	68	1	66	1	78	1															
	Total			1,039	100	6,509	100	7,298	100	8,336	100														
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																									
reading	tmreadinghrs	1	Very little	158	16	1,066	18	1,136	18	1,041	14	2.5	2.4 *	.08	2.4 *	.07	2.6 **	-.11							
		2	Some	402	40	2,570	41	2,819	41	3,067	38														
		3	About half	274	25	1,644	24	1,941	24	2,220	26														
		4	Most	156	14	942	13	1,068	13	1,471	17														
		5	Almost all	49	5	279	4	327	4	529	6														
			Total			1,039	100	6,501	100	7,291	100								8,328	100					
		<p>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</p>																							
												6.0		5.9		.03		6.0		.01		6.8 ***		-.14	

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Washington State University

First-Year Students

Frequency Distributions^a

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Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b					
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean
	tmreadinghrscol	1	0 hrs	4	0	18	0	27	0	31	1						
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	564	56	3,558	57	3,979	56	3,893	48						
		3	More than 5, up to 10 hrs	291	27	1,884	29	2,127	29	2,665	32						
		4	More than 10, up to 15 hrs	97	9	549	8	629	8	888	10						
		5	More than 15, up to 20 hrs	41	4	253	4	270	4	450	5						
		6	More than 20, up to 25 hrs	27	3	148	2	163	2	268	3						
		7	More than 25 hrs	9	1	54	1	62	1	96	1						
		Total		1,033	100	6,464	100	7,257	100	8,291	100						

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

a. Writing clearly and effectively	pgwrite	1	Very little	82	9	658	11	738	12	773	11	2.7	2.6 ***	.11	2.6 ***	.13	2.7 *	.06						
		2	Some	296	29	2,148	34	2,390	34	2,628	31								△			△		
		3	Quite a bit	475	45	2,538	38	2,845	37	3,383	40											△		
		4	Very much	181	18	1,125	17	1,278	17	1,515	18											△		
		Total		1,034	100	6,469	100	7,251	100	8,299	100													
b. Speaking clearly and effectively	pgspeak	1	Very little	171	17	916	15	949	15	1,136	15	2.5	2.5	-.05	2.5	-.06	2.5 *	-.08						
		2	Some	347	34	2,276	35	2,477	34	2,813	33													
		3	Quite a bit	365	35	2,281	35	2,590	34	2,884	34													
		4	Very much	153	14	1,009	16	1,248	17	1,451	18													▽
		Total		1,036	100	6,482	100	7,264	100	8,284	100													
c. Thinking critically and analytically	pgthink	1	Very little	38	4	190	3	204	3	228	3	3.0	3.0	-.04	3.1 *	-.08	3.1 *	-.08						
		2	Some	205	21	1,287	20	1,370	19	1,604	19													
		3	Quite a bit	472	45	2,987	45	3,363	45	3,773	44											▽		
		4	Very much	324	30	2,017	32	2,320	33	2,682	33											▽		
		Total		1,039	100	6,481	100	7,257	100	8,287	100													
d. Analyzing numerical and statistical information	pganalyze	1	Very little	109	10	670	10	785	10	975	11	2.7	2.7	-.06	2.8 *	-.08	2.7	-.03						
		2	Some	323	32	1,973	30	2,195	29	2,489	29													
		3	Quite a bit	396	38	2,421	37	2,670	36	3,018	36													
		4	Very much	210	20	1,418	23	1,609	25	1,810	24											▽		
		Total		1,038	100	6,482	100	7,259	100	8,292	100													

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b									
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU		Strategic Plan		Legislative Peers		AAU Institutions			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	163	16	784	13	854	13	1,069	14	2.5	2.6 **	-0.09	2.6 ***	-0.11	2.6 **	-0.10			
		2	Some	339	33	2,141	33	2,395	33	2,700	33								▽	▽	▽
		3	Quite a bit	368	35	2,375	36	2,605	35	2,862	34										
		4	Very much	168	16	1,181	18	1,403	19	1,652	20										
		Total		1,038	100	6,481	100	7,257	100	8,283	100										
f. Working effectively with others	pgothers	1	Very little	76	8	400	7	428	7	529	7	2.7	2.8 ***	-0.11	2.8 ***	-0.11	2.8 **	-0.11			
		2	Some	311	32	1,829	28	2,000	28	2,331	28								▽	▽	▽
		3	Quite a bit	441	41	2,753	42	3,103	42	3,418	40										
		4	Very much	210	19	1,499	23	1,726	23	2,001	24										
		Total		1,038	100	6,481	100	7,257	100	8,279	100										
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	153	16	746	13	815	14	1,014	14	2.5	2.6 ***	-0.12	2.6 **	-0.11	2.6 ***	-0.12			
		2	Some	325	32	2,010	31	2,173	30	2,458	30								▽	▽	▽
		3	Quite a bit	384	36	2,410	36	2,733	36	3,122	37										
		4	Very much	175	16	1,315	20	1,529	20	1,684	20										
		Total		1,037	100	6,481	100	7,250	100	8,278	100										
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	116	12	537	9	588	10	713	9	2.6	2.7 ***	-0.15	2.7 ***	-0.15	2.8 ***	-0.17			
		2	Some	334	34	1,904	30	2,062	29	2,302	29								▽	▽	▽
		3	Quite a bit	383	36	2,483	38	2,812	38	3,185	37										
		4	Very much	204	18	1,552	23	1,787	23	2,088	24										
		Total		1,037	100	6,476	100	7,249	100	8,288	100										
i. Solving complex real-world problems	pgprobsolve	1	Very little	114	12	625	11	689	11	832	12	2.6	2.6 *	-0.08	2.6 *	-0.07	2.6 *	-0.08			
		2	Some	361	36	2,197	34	2,438	33	2,742	32								▽	▽	▽
		3	Quite a bit	387	36	2,424	36	2,714	36	3,047	36										
		4	Very much	176	16	1,237	19	1,423	19	1,667	20										
		Total		1,038	100	6,483	100	7,264	100	8,288	100										
j. Being an informed and active citizen	pgcitizen	1	Very little	145	15	712	12	763	13	925	13	2.5	2.6 ***	-0.12	2.6 ***	-0.11	2.6 ***	-0.13			
		2	Some	358	35	2,142	33	2,317	33	2,659	32								▽	▽	▽
		3	Quite a bit	372	34	2,344	35	2,672	35	3,006	35										
		4	Very much	164	15	1,291	19	1,507	19	1,705	20										
		Total		1,039	100	6,489	100	7,259	100	8,295	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 2019 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		<i>Your first-year students compared with</i>							
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e	Effect size ^e	Effect size ^e	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	23	2	105	2	108	2	151	2	3.1	3.2 **	-10	3.2 ***	-15	3.2 **	-09	
		2	Fair	133	14	734	12	773	11	978	13								
		3	Good	560	54	3,319	51	3,585	48	4,196	50								
		4	Excellent	324	30	2,358	35	2,827	39	2,996	36								
			Total	1,040	100	6,516	100	7,293	100	8,321	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	30	3	160	3	173	3	270	4	3.2	3.3 *	-07	3.3 **	-09	3.2	.02	
		2	Probably no	124	12	673	11	693	10	974	12								
		3	Probably yes	445	44	2,729	42	2,962	41	3,511	43								
		4	Definitely yes	445	41	2,970	45	3,479	46	3,586	42								
			Total	1,044	100	6,532	100	7,307	100	8,341	100								
20. Do you intend to return to this institution next year?^f																			
	returnexp		No	53	5	232	4	239	3	302	4	91%	91%	-01	92%	-02	90%	.04	
			Yes	951	91	5,957	91	6,706	92	7,548	90								
			Not sure	43	4	347	5	369	5	497	6								
			Total	1,047	100	6,536	100	7,314	100	8,347	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 2019 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e	Effect size ^e	Effect size ^e	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Effect size ^e	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	37	3	413	4	483	4	350	3	3.0	2.9 ***	.16	2.9 ***	.14	2.9 **	.07	
		2	Sometimes	408	29	3,539	35	4,131	34	3,319	31								
		3	Often	466	33	3,380	31	4,034	31	3,645	33								
		4	Very often	507	35	3,217	30	3,868	30	3,676	33								
		Total		1,418	100	10,549	100	12,516	100	10,990	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	284	20	2,617	27	3,270	28	2,887	28	2.4	2.2 ***	.20	2.2 ***	.22	2.2 ***	.22	
		2	Sometimes	517	37	4,022	38	4,677	37	4,210	38								
		3	Often	368	26	2,497	23	2,931	22	2,456	22								
		4	Very often	241	17	1,351	12	1,583	12	1,360	12								
		Total		1,410	100	10,487	100	12,461	100	10,913	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	119	8	810	9	967	9	938	10	2.9	2.8 ***	.14	2.8 ***	.13	2.7 ***	.19	
		2	Often	233	16	2,035	21	2,341	20	2,165	21								
		3	Sometimes	740	52	5,784	54	6,817	54	6,080	55								
		4	Never	324	23	1,867	17	2,341	17	1,742	15								
		Total		1,416	100	10,496	100	12,466	100	10,925	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	769	55	4,408	41	5,446	42	3,975	36	1.6	1.8 ***	-.27	1.8 ***	-.26	1.9 ***	-.39	
		2	Sometimes	481	34	4,184	40	4,866	40	4,551	42								
		3	Often	114	8	1,288	13	1,399	12	1,596	15								
		4	Very often	51	4	604	6	738	6	781	7								
		Total		1,415	100	10,484	100	12,449	100	10,903	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	141	11	926	10	1,096	10	950	10	2.6	2.6 *	.07	2.6	.04	2.6 *	.07	
		2	Sometimes	496	35	3,994	39	4,803	39	4,328	40								
		3	Often	476	34	3,593	33	4,223	33	3,663	33								
		4	Very often	300	21	1,960	18	2,312	18	1,960	17								
		Total		1,413	100	10,473	100	12,434	100	10,901	100								
f. Explained course material to one or more students	CLexplain	1	Never	61	4	377	4	443	4	328	3	2.9	2.8 ***	.12	2.8 ***	.10	2.8 **	.09	
		2	Sometimes	386	27	3,295	33	3,946	33	3,466	32								
		3	Often	575	41	4,345	40	5,144	41	4,601	41								
		4	Very often	391	28	2,446	23	2,881	23	2,500	23								
		Total		1,413	100	10,463	100	12,414	100	10,895	100								

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NSSE 2019 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU		Strategic Plan		Legislative Peers		AAU Institutions	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	217	16	1,360	15	1,567	14	1,300	13	2.6	2.6 *	.07	2.6	.03	2.6	.06	
		2	Sometimes	415	29	3,411	34	4,115	34	3,722	36								Δ
		3	Often	418	29	3,251	29	3,842	30	3,429	30								
		4	Very often	363	26	2,415	22	2,859	23	2,405	21								
		Total		1,413	100	10,437	100	12,383	100	10,856	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	62	5	446	5	542	5	462	5	3.1	2.9 ***	.13	3.0 ***	.10	2.9 ***	.12	
		2	Sometimes	334	23	2,693	27	3,166	26	2,859	27								Δ
		3	Often	479	34	3,943	37	4,741	38	4,071	37								Δ
		4	Very often	534	38	3,322	31	3,880	32	3,427	31								Δ
		Total		1,409	100	10,404	100	12,329	100	10,819	100								
i. Given a course presentation	present	1	Never	118	9	950	10	1,212	10	939	9	2.7	2.6 ***	.10	2.7 **	.09	2.7	.04	
		2	Sometimes	472	34	3,689	37	4,237	36	3,686	35								Δ
		3	Often	463	33	3,401	32	4,045	32	3,584	32								Δ
		4	Very often	356	25	2,365	21	2,839	22	2,604	23								
		Total		1,409	100	10,405	100	12,333	100	10,813	100								
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	27	2	273	3	341	3	279	3	3.1	2.9 ***	.16	2.9 ***	.16	2.9 ***	.16	
		2	Sometimes	293	22	2,655	27	3,148	27	2,847	27								Δ
		3	Often	632	45	4,549	43	5,346	42	4,749	43								Δ
		4	Very often	451	32	2,836	26	3,393	27	2,857	26								Δ
		Total		1,403	100	10,313	100	12,228	100	10,732	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	79	6	684	8	900	9	683	7	2.8	2.7 ***	.09	2.7 ***	.13	2.7 *	.06	
		2	Sometimes	420	32	3,453	35	4,154	36	3,486	34								Δ
		3	Often	550	38	3,818	36	4,439	35	3,975	36								Δ
		4	Very often	351	24	2,329	21	2,685	21	2,540	23								Δ
		Total		1,400	100	10,284	100	12,178	100	10,684	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	193	16	1,305	14	1,658	15	1,209	12	2.5	2.5	.02	2.5	.05	2.6	-.05	
		2	Sometimes	475	35	3,736	37	4,457	38	3,720	36								
		3	Often	435	30	3,211	30	3,706	29	3,496	32								
		4	Very often	295	20	1,972	18	2,298	18	2,181	19								
		Total		1,398	100	10,224	100	12,119	100	10,606	100								

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NSSE 2019 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU		Strategic Plan		Legislative Peers		AAU Institutions	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	57	4	468	5	604	6	468	5	2.8	2.8	.05	2.8 *	.07	2.8	.03	
		2	Sometimes	396	29	3,073	31	3,747	31	3,198	30								
		3	Often	658	46	4,643	45	5,343	43	4,753	45								
		4	Very often	283	20	1,992	19	2,354	20	2,130	20								
		Total		1,394	100	10,176	100	12,048	100	10,549	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	44	4	248	3	347	3	256	3	2.9	2.9	.01	2.9	.02	2.9	.01	
		2	Sometimes	299	22	2,477	26	2,971	26	2,628	26								
		3	Often	696	50	4,724	46	5,500	45	4,853	46								
		4	Very often	345	24	2,652	25	3,124	26	2,734	26								
		Total		1,384	100	10,101	100	11,942	100	10,471	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	24	2	207	2	258	3	201	2	3.0	2.9 **	.08	2.9 **	.08	2.9 *	.06	
		2	Sometimes	335	25	2,607	27	3,170	28	2,727	26								
		3	Often	631	45	4,648	45	5,445	45	4,804	46								
		4	Very often	387	28	2,544	25	2,969	25	2,624	25								
		Total		1,377	100	10,006	100	11,842	100	10,356	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	12	1	91	1	111	1	112	1	3.2	3.1 ***	.11	3.1 ***	.12	3.1 ***	.10	
		2	Sometimes	173	13	1,510	16	1,854	17	1,569	16								
		3	Often	661	48	4,905	49	5,794	49	5,081	49								
		4	Very often	530	38	3,434	33	3,994	33	3,529	34								
		Total		1,376	100	9,940	100	11,753	100	10,291	100								
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	178	14	1,479	17	1,689	17	1,445	16	2.5	2.4 ***	.10	2.4 *	.07	2.4 **	.08	
		2	Sometimes	569	42	4,016	41	4,658	41	4,249	42								
		3	Often	321	23	2,585	25	3,083	25	2,679	24								
		4	Very often	303	21	1,858	17	2,327	18	1,919	17								
		Total		1,371	100	9,938	100	11,757	100	10,292	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	538	40	3,538	39	4,103	37	3,510	36	2.0	2.0	.02	2.0	-.02	2.1	-.02	
		2	Sometimes	418	30	3,317	33	3,918	33	3,551	34								
		3	Often	230	16	1,863	17	2,218	18	1,992	18								
		4	Very often	186	13	1,168	11	1,457	12	1,181	11								
		Total		1,372	100	9,886	100	11,696	100	10,234	100								

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NSSE 2019 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan		Legislative Peers		AAU Institutions		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	335	25	2,287	25	2,678	24	2,269	23	2.2	2.1	.03	2.2	-.01	2.2	-.02	
		2	Sometimes	605	44	4,455	45	5,152	44	4,633	45								
		3	Often	282	21	2,134	21	2,543	21	2,254	22								
		4	Very often	143	10	971	9	1,270	11	1,045	10								
		Total		1,365	100	9,847	100	11,643	100	10,201	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	300	22	2,374	27	2,692	26	2,430	26	2.2	2.1 ***	.10	2.1 *	.07	2.1 **	.08	
		2	Sometimes	643	47	4,505	45	5,297	45	4,673	46								
		3	Often	287	21	2,110	20	2,548	20	2,177	19								
		4	Very often	133	9	862	8	1,099	9	909	8								
		Total		1,363	100	9,851	100	11,636	100	10,189	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	91	7	578	6	740	6	674	6	2.8	2.8	.02	2.8	.05	2.8	.05	
		2	Some	372	28	2,925	31	3,488	31	3,037	31								
		3	Quite a bit	545	40	4,036	40	4,714	40	4,181	41								
		4	Very much	355	25	2,276	23	2,646	22	2,257	22								
		Total		1,363	100	9,815	100	11,588	100	10,149	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	38	3	238	3	297	3	258	3	3.1	3.1 ***	.10	3.1 **	.09	3.0 ***	.10	
		2	Some	231	17	1,968	20	2,344	20	2,060	20								
		3	Quite a bit	602	44	4,516	46	5,310	45	4,688	46								
		4	Very much	491	36	3,063	31	3,615	32	3,112	31								
		Total		1,362	100	9,785	100	11,566	100	10,118	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	33	2	304	3	399	4	326	3	3.1	3.0 ***	.13	3.0 ***	.14	3.0 ***	.12	
		2	Some	272	20	2,312	24	2,792	24	2,341	23								
		3	Quite a bit	606	44	4,318	44	5,077	44	4,467	44								
		4	Very much	441	33	2,785	28	3,227	28	2,925	29								
		Total		1,352	100	9,719	100	11,495	100	10,059	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	70	6	587	7	767	8	630	7	2.9	2.8 ***	.14	2.8 ***	.16	2.8 ***	.11	
		2	Some	338	25	2,758	29	3,274	30	2,764	28								
		3	Quite a bit	559	41	4,055	41	4,785	40	4,222	41								
		4	Very much	381	28	2,286	23	2,620	23	2,424	24								
		Total		1,348	100	9,686	100	11,446	100	10,040	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 2019 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b									
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e	Effect size ^e	Effect size ^e			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Effect size ^e	Effect size ^e	Effect size ^e	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	46	4	443	5	578	6	478	5	2.9	2.8 ***	.13	2.8 ***	.14	2.9 ***	.10	△	△	△
		2	Some	338	25	2,632	29	3,139	29	2,692	27										
		3	Quite a bit	601	44	4,326	43	5,076	42	4,415	43										
		4	Very much	361	27	2,260	23	2,617	23	2,410	24										
		Total		1,346	100	9,661	100	11,410	100	9,995	100										
5. During the current school year, to what extent have your instructors done the following?																					
a. Clearly explained course goals and requirements	ETgoals	1	Very little	29	2	181	2	217	2	172	2	3.1	3.1	.03	3.1	-.01	3.1	.01			
		2	Some	237	18	1,792	20	2,044	19	1,881	19										
		3	Quite a bit	661	49	4,577	48	5,358	46	4,796	48										
		4	Very much	413	31	3,056	30	3,722	32	3,092	31										
		Total		1,340	100	9,606	100	11,341	100	9,941	100										
b. Taught course sessions in an organized way	ETorganize	1	Very little	40	3	293	3	319	3	249	3	3.0	3.0	-.03	3.1 **	-.09	3.0	-.06	▽		
		2	Some	289	21	1,849	20	2,092	19	2,004	20										
		3	Quite a bit	643	48	4,686	49	5,415	47	4,833	48										
		4	Very much	366	27	2,777	28	3,503	31	2,850	29										
		Total		1,338	100	9,605	100	11,329	100	9,936	100										
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	36	3	211	3	259	3	207	2	3.1	3.1	-.04	3.1 *	-.07	3.1	-.05	▽		
		2	Some	279	21	1,846	20	2,063	19	1,934	20										
		3	Quite a bit	588	44	4,306	44	5,078	44	4,479	45										
		4	Very much	431	32	3,236	34	3,912	35	3,295	34										
		Total		1,334	100	9,599	100	11,312	100	9,915	100										
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	135	10	1,086	13	1,316	13	1,205	13	2.7	2.6 ***	.12	2.6 ***	.11	2.6 ***	.13	△	△	△
		2	Some	430	32	3,246	35	3,739	34	3,363	35										
		3	Quite a bit	470	35	3,338	33	3,924	33	3,366	33										
		4	Very much	302	23	1,922	19	2,324	20	1,980	19										
		Total		1,337	100	9,592	100	11,303	100	9,914	100										
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	106	8	822	9	998	10	877	9	2.7	2.6 **	.09	2.7 *	.07	2.6 ***	.09	△	△	△
		2	Some	426	32	3,262	35	3,706	34	3,456	36										
		3	Quite a bit	538	40	3,704	38	4,372	38	3,738	37										
		4	Very much	262	20	1,768	18	2,191	19	1,806	18										
		Total		1,332	100	9,556	100	11,267	100	9,877	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 2019 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e	Effect size ^e	Effect size ^e	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	96	7	848	9	1,093	9	949	9	2.8	2.7 ***	.10	2.7 ***	.11	2.7 ***	.13	
		2	Sometimes	430	31	3,236	33	3,837	32	3,424	33								
		3	Often	500	38	3,511	37	4,093	37	3,594	37								
		4	Very often	303	25	1,892	21	2,149	21	1,839	20								
		Total		1,329	100	9,487	100	11,172	100	9,806	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	195	14	1,532	17	1,957	18	1,645	17	2.5	2.5 *	.07	2.4 ***	.10	2.5 *	.07	
		2	Sometimes	500	38	3,523	37	4,217	37	3,703	37								
		3	Often	391	29	2,926	31	3,309	29	2,973	31								
		4	Very often	239	19	1,470	16	1,661	16	1,461	16								
		Total		1,325	100	9,451	100	11,144	100	9,782	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	175	13	1,158	12	1,548	14	1,292	13	2.6	2.5	.05	2.5 **	.08	2.5	.04	
		2	Sometimes	476	36	3,643	38	4,352	38	3,794	38								
		3	Often	448	34	3,267	35	3,671	33	3,286	34								
		4	Very often	225	17	1,362	14	1,541	15	1,386	15								
		Total		1,324	100	9,430	100	11,112	100	9,758	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	39	3	598	7	856	8	598	6	8.4	7.2 ***	.18	6.8 ***	.26	7.5 ***	.15	
		1.5	1-2	203	16	1,803	20	2,349	21	1,762	18								
		4	3-5	381	29	2,692	29	3,252	29	2,827	29								
		8	6-10	313	24	1,985	21	2,193	19	2,095	21								
		13	11-15	143	11	1,058	11	1,128	10	1,145	12								
		18	16-20	97	7	520	5	554	5	562	6								
		23	More than 20	143	10	755	8	747	7	733	8								
		Total		1,319	100	9,411	100	11,079	100	9,722	100								
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	223	17	2,326	26	3,149	30	2,395	25	4.2	3.1 ***	.26	2.9 ***	.33	3.2 ***	.23	
		1.5	1-2	440	33	3,469	37	4,054	36	3,494	35								
		4	3-5	360	28	2,117	22	2,308	20	2,248	23								
		8	6-10	171	13	937	10	964	9	1,002	10								
		13	11-15	71	5	308	3	345	3	341	4								
		18	16-20	25	2	104	1	103	1	108	1								
		23	More than 20	30	2	122	1	119	1	111	1								
Total		1,320	100	9,383	100	11,042	100	9,699	100										

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NSSE 2019 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU		Strategic Plan		Legislative Peers		AAU Institutions	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. 11 pages or more	wrlongnum	0	None	485	36	4,867	53	6,096	55	4,949	51	2.6	1.7 ***	.26	1.6 ***	.28	1.8 ***	.22	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	506	38	3,094	31	3,412	30	3,219	32								
		4	3-5	192	15	841	9	910	8	903	9								
		8	6-10	68	6	297	3	331	4	350	4								
		13	11-15	37	3	184	2	190	2	176	2								
		18	16-20	14	1	45	0	48	0	39	0								
		23	More than 20	21	2	82	1	83	1	89	1								
	Total			1,323	100	9,410	100	11,070	100	9,725	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.)									96.5	70.9 ***	.29	67.0 ***	.34	74.8 ***	.24	
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	44	4	311	3	434	4	283	3	3.1	3.1 *	.07	3.1 *	.07	3.1	-.02	
		2	Sometimes	281	22	2,384	25	2,969	26	2,145	22								
		3	Often	437	33	3,137	32	3,580	31	3,244	32								
		4	Very often	558	41	3,561	39	4,074	39	4,049	43								
		Total		1,320	100	9,393	100	11,057	100	9,721	100								
b. People from an economic background other than your own	DDeconomic	1	Never	41	3	245	3	308	3	256	3	3.1	3.1 *	.06	3.1 *	.06	3.1	.02	
		2	Sometimes	245	19	2,107	23	2,606	24	2,129	23								
		3	Often	513	39	3,666	38	4,210	37	3,620	36								
		4	Very often	518	38	3,368	36	3,911	37	3,705	38								
		Total		1,317	100	9,386	100	11,035	100	9,710	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	59	5	347	4	434	4	315	3	3.0	3.0	.00	3.0	-.01	3.1 *	-.06	
		2	Sometimes	311	24	2,348	25	2,824	26	2,223	24								
		3	Often	453	35	3,341	35	3,851	34	3,439	34								
		4	Very often	494	36	3,346	36	3,927	37	3,731	39								
		Total		1,317	100	9,382	100	11,036	100	9,708	100								
d. People with political views other than your own	DDpolitical	1	Never	68	5	373	4	436	4	426	5	2.9	3.0	-.03	3.0	-.05	2.9	.03	
		2	Sometimes	365	28	2,541	28	2,858	27	2,977	32								
		3	Often	449	34	3,245	34	3,838	33	3,090	31								
		4	Very often	437	33	3,217	34	3,899	35	3,208	33								
		Total		1,319	100	9,376	100	11,031	100	9,701	100								

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NSSE 2019 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	WSU				Strategic Plan				Legislative Peers				AAU Institutions				WSU		Strategic Plan		Legislative Peers		AAU Institutions						
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																																
a. Identified key information from reading assignments	LSreading	1	Never	31	2	265	3	342	3	246	3	3.0	3.0 **	.08	3.0 **	.09	3.0	.01														
		2	Sometimes	277	22	2,160	24	2,608	24	1,987	21																					
		3	Often	589	45	4,240	45	4,919	44	4,446	45																					
		4	Very often	423	31	2,691	28	3,127	28	2,991	31																					
		Total		1,320	100	9,356	100	10,996	100	9,670	100																					
b. Reviewed your notes after class	LSnotes	1	Never	117	9	837	9	972	9	900	10	2.8	2.7 ***	.10	2.7 ***	.10	2.6 ***	.14														
		2	Sometimes	408	32	3,229	36	3,785	36	3,503	37																					
		3	Often	424	32	3,047	32	3,540	31	3,117	32																					
		4	Very often	365	27	2,239	23	2,700	23	2,147	21																					
		Total		1,314	100	9,352	100	10,997	100	9,667	100																					
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	90	7	795	9	967	10	775	9	2.7	2.7 **	.08	2.7 *	.07	2.7 *	.07														
		2	Sometimes	449	35	3,154	34	3,652	34	3,268	34																					
		3	Often	456	34	3,373	36	3,940	35	3,567	36																					
		4	Very often	321	24	2,020	21	2,426	22	2,048	21																					
		Total		1,316	100	9,342	100	10,985	100	9,658	100																					
10. During the current school year, to what extent have your courses challenged you to do your best work?																																
challenge		1	Not at all	11	1	89	1	114	1	100	1	5.5	5.4 ***	.13	5.4 ***	.12	5.3 ***	.18														
		2		14	1	116	2	159	2	155	2																					
		3		69	6	453	5	529	5	504	5																					
		4		122	9	1,060	12	1,283	12	1,219	13																					
		5		397	30	3,119	34	3,588	33	3,319	34																					
		6		345	26	2,495	26	2,888	25	2,476	25																					
		7	Very much	351	27	1,965	21	2,369	22	1,843	19																					
		Total		1,309	100	9,297	100	10,930	100	9,616	100																					
11. Which of the following have you done or do you plan to do before you graduate?^f																																
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		101	8	623	7	720	7	547	7	49%	57% ***	-.17	58% ***	-.18	61% ***	-.24														
		Do not plan to do	225	18	1,232	14	1,523	14	1,203	13																						
		Plan to do	334	26	2,006	21	2,386	21	1,841	19																						
		Done or in progress	657	49	5,440	57	6,301	58	6,026	61																						
		Total	1,317	100	9,301	100	10,930	100	9,617	100																						

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NSSE 2019 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

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Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b									
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e	Effect size ^e	Effect size ^e			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Effect size ^e	Effect size ^e	Effect size ^e	
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	107	9	708	8	830	7	631	7	39%	45% ***	-0.13	49% ***	-0.21	52% ***	-0.27			
			Do not plan to do	595	46	3,539	39	4,071	37	3,134	33										
			Plan to do	85	7	709	8	787	7	696	8										
			Done or in progress	529	39	4,335	45	5,221	49	5,139	52										
			Total	1,316	100	9,291	100	10,909	100	9,600	100										
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	171	13	908	10	1,048	9	844	9	23%	26% *	-0.06	25%	-0.04	27% ***	-0.10			
			Do not plan to do	734	56	5,091	56	6,099	58	5,212	56										
			Plan to do	93	8	754	8	867	8	747	8										
			Done or in progress	317	23	2,527	26	2,879	25	2,782	27										
			Total	1,315	100	9,280	100	10,893	100	9,585	100										
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	115	9	771	9	889	8	652	8	10%	19% ***	-0.25	20% ***	-0.28	25% ***	-0.39			
			Do not plan to do	989	76	5,969	65	7,054	65	5,660	60										
			Plan to do	65	5	643	7	728	7	675	7										
			Done or in progress	148	10	1,893	19	2,214	20	2,593	25										
			Total	1,317	100	9,276	100	10,885	100	9,580	100										
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	164	13	1,106	13	1,272	12	910	10	25%	26%	-0.03	29% *	-0.07	32% ***	-0.14			
			Do not plan to do	664	50	4,497	48	5,379	48	4,598	47										
			Plan to do	147	12	1,140	13	1,268	12	1,010	11										
			Done or in progress	338	25	2,542	26	2,978	29	3,069	32										
			Total	1,313	100	9,285	100	10,897	100	9,587	100										
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	49	4	589	8	707	7	593	8	65%	44% ***	.43	44% ***	.42	43% ***	.45			
			Do not plan to do	107	8	1,687	22	2,161	24	2,161	28										
			Plan to do	280	22	2,234	26	2,590	24	1,972	21										
			Done or in progress	878	65	4,765	44	5,419	44	4,853	43										
			Total	1,314	100	9,275	100	10,877	100	9,579	100										
12. About how many of your courses at this institution have included a community-based project (service-learning)?																					
	servcourse		1 None	502	41	3,987	46	4,496	47	4,083	46	1.7	1.6 **	.09	1.6 **	.09	1.6 **	.08			
			2 Some	693	51	4,458	46	5,322	45	4,633	46										
			3 Most	102	7	668	6	887	7	697	6										
			4 All	15	1	152	2	174	1	167	2										
			Total	1,312	100	9,265	100	10,879	100	9,580	100										

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NSSE 2019 Frequencies and Statistical Comparisons

Washington State University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
												<i>Your seniors compared with</i>							
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU		Strategic Plan		Legislative Peers		AAU Institutions	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students																			
	QIstudent	1	Poor	13	1	73	1	100	1	110	1	5.6	5.6	.00	5.6	-.02	5.5 **	.08	
		2		27	2	108	1	140	1	152	2								
		3		46	4	308	3	366	3	383	4								
		4		132	10	886	10	1,022	9	1,025	11								
		5		326	25	2,488	27	2,848	26	2,620	28								
		6		381	29	2,840	30	3,225	30	2,829	29								
		7	Excellent	384	29	2,499	26	3,124	28	2,419	24								
		—	Not applicable	6	0	63	1	62	1	38	0								
			Total	1,315	100	9,265	100	10,887	100	9,576	100								
b. Academic advisors																			
	QIadvisor	1	Poor	78	6	337	4	403	4	403	5	5.2	5.2	-.03	5.2	-.03	5.1	.05	
		2		58	5	435	5	494	5	536	6								
		3		92	7	709	7	800	7	846	8								
		4		165	13	1,154	13	1,358	13	1,363	14								
		5		246	19	1,779	19	2,050	19	1,891	20								
		6		255	19	1,958	21	2,220	20	1,904	20								
		7	Excellent	412	31	2,842	30	3,513	31	2,568	27								
		—	Not applicable	7	1	49	1	45	0	62	1								
			Total	1,313	100	9,263	100	10,883	100	9,573	100								
c. Faculty																			
	QIfaculty	1	Poor	12	1	94	1	117	1	111	1	5.4	5.3	.05	5.4	.01	5.3 *	.06	
		2		24	2	154	2	179	2	173	2								
		3		71	6	407	5	496	5	478	5								
		4		155	12	1,263	14	1,445	13	1,362	14								
		5		372	28	2,595	28	2,916	27	2,688	28								
		6		376	28	2,768	29	3,245	29	2,887	30								
		7	Excellent	295	23	1,934	20	2,437	22	1,833	19								
		—	Not applicable	8	1	47	1	47	0	38	0								
			Total	1,313	100	9,262	100	10,882	100	9,570	100								

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU		Strategic Plan		Legislative Peers		AAU Institutions	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	51	4	272	3	317	3	303	3	4.9	5.0	-.05	5.0 *	-.09	4.9	.01	
		2		54	4	301	3	349	3	418	4								
		3		78	6	601	7	700	7	763	8								
		4		210	15	1,404	15	1,588	15	1,594	16								
		5		247	19	2,029	21	2,389	21	2,174	22								
		6		219	16	1,879	19	2,211	19	1,877	19								
		7	Excellent	201	15	1,578	16	1,968	18	1,439	15								
		—	Not applicable	253	20	1,190	14	1,345	13	996	11								
	Total	1,313	100	9,254	100	10,867	100	9,564	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	55	4	333	4	380	4	395	5	5.0	4.9	.06	4.9	.01	4.7 ***	.13	
		2		56	4	419	4	445	4	460	5								
		3		92	7	673	8	790	8	857	9								
		4		240	18	1,560	17	1,711	16	1,710	18								
		5		275	20	2,179	23	2,523	22	2,199	22								
		6		233	18	1,855	19	2,291	20	1,763	18								
		7	Excellent	255	20	1,462	15	1,914	17	1,341	14								
		—	Not applicable	107	8	776	10	821	9	832	10								
	Total	1,313	100	9,257	100	10,875	100	9,557	100										
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	36	3	137	1	177	2	203	2	3.1	3.1	-.02	3.1	-.05	3.1	.01	
		2	Some	245	19	1,755	19	2,065	18	1,944	20								
		3	Quite a bit	592	45	4,460	48	5,239	47	4,482	47								
		4	Very much	434	33	2,891	32	3,376	33	2,917	31								
			Total	1,307	100	9,243	100	10,857	100	9,546	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	77	6	364	5	434	5	435	5	2.9	2.9	.00	2.9	-.06	2.8	.03	
		2	Some	339	26	2,334	27	2,611	25	2,655	28								
		3	Quite a bit	576	44	4,260	45	4,919	45	4,323	45								
		4	Very much	315	24	2,252	22	2,854	25	2,108	22								
			Total	1,307	100	9,210	100	10,818	100	9,521	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	143	11	693	8	825	8	779	9	2.7	2.8	-.04	2.8 **	-.09	2.7	.01	
		2	Some	358	28	2,544	29	2,780	27	2,893	31								
		3	Quite a bit	503	38	3,733	40	4,394	40	3,799	39								
		4	Very much	303	23	2,258	22	2,835	24	2,060	20								
			Total	1,307	100	9,228	100	10,834	100	9,531	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 2019 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	248	20	1,249	14	1,495	15	1,431	15	2.5	2.6 ***	-0.12	2.6 ***	-0.12	2.5 **	-0.09
		2	Some	438	33	3,062	33	3,519	33	3,191	34							
		3	Quite a bit	374	29	3,042	33	3,605	32	3,125	32							
		4	Very much	239	18	1,856	20	2,197	20	1,762	19							
		Total		1,299	100	9,209	100	10,816	100	9,509	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	111	9	519	6	577	6	579	7	2.8	2.9 ***	-0.12	2.9 ***	-0.14	2.9 **	-0.10
		2	Some	353	27	2,363	26	2,635	25	2,422	26							
		3	Quite a bit	522	40	3,879	41	4,541	41	3,992	41							
		4	Very much	319	24	2,442	27	3,060	28	2,513	26							
		Total		1,305	100	9,203	100	10,813	100	9,506	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	181	14	807	10	927	10	905	10	2.7	2.8 **	-0.10	2.8 ***	-0.15	2.7 **	-0.08
		2	Some	365	28	2,396	27	2,671	26	2,684	28							
		3	Quite a bit	461	36	3,587	38	4,192	37	3,733	38							
		4	Very much	297	23	2,401	24	2,998	27	2,167	23							
		Total		1,304	100	9,191	100	10,788	100	9,489	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	525	40	3,003	34	3,472	34	3,336	35	1.9	2.0 **	-0.09	2.0 **	-0.09	2.0	-0.05
		2	Some	445	34	3,482	37	4,118	38	3,638	38							
		3	Quite a bit	230	18	1,915	20	2,235	19	1,806	19							
		4	Very much	102	8	793	8	975	9	710	8							
		Total		1,302	100	9,193	100	10,800	100	9,490	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	203	16	831	9	1,038	10	869	9	2.6	2.8 ***	-0.24	2.7 ***	-0.21	2.7 ***	-0.21
		2	Some	399	31	2,807	30	3,272	30	2,916	30							
		3	Quite a bit	451	35	3,491	38	4,041	37	3,632	38							
		4	Very much	245	18	2,049	24	2,427	24	2,055	23							
		Total		1,298	100	9,178	100	10,778	100	9,472	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	302	24	1,620	18	1,940	19	1,639	18	2.2	2.3 ***	-0.15	2.3 ***	-0.14	2.3 ***	-0.16
		2	Some	554	43	3,883	42	4,428	42	4,009	42							
		3	Quite a bit	324	25	2,625	28	3,132	28	2,777	29							
		4	Very much	121	9	1,049	11	1,286	11	1,055	11							
		Total		1,301	100	9,177	100	10,786	100	9,480	100							

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NSSE 2019 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU		Strategic Plan		Legislative Peers		AAU Institutions	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
15. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	5	0	26	0	41	0	38	0	16.6	15.4 *** ▲	.13	15.2 *** ▲	.16	15.3 *** ▲	.14	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	128	10	1,238	13	1,592	14	1,279	13								
	8	6-10 hrs	269	20	2,073	21	2,556	22	2,217	22									
	13	11-15 hrs	255	19	1,816	19	2,175	20	1,965	20									
	18	16-20 hrs	239	19	1,652	19	1,875	18	1,650	18									
	23	21-25 hrs	162	13	1,068	12	1,133	11	1,068	12									
	28	26-30 hrs	108	8	569	7	599	6	544	6									
	33	More than 30 hrs	137	11	712	8	776	9	702	9									
	Total			1,303	100	9,154	100	10,747	100	9,463	100								
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	519	41	2,530	29	3,027	28	2,116	24	4.9	6.2 *** ▼	-.17	6.3 *** ▼	-.19	6.8 *** ▼	-.26	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	405	31	3,117	32	3,652	33	3,264	33								
	8	6-10 hrs	162	12	1,603	17	1,865	18	1,897	20									
	13	11-15 hrs	101	8	885	10	1,038	10	1,010	11									
	18	16-20 hrs	58	5	521	6	594	6	577	6									
	23	21-25 hrs	31	2	272	3	311	3	298	3									
	28	26-30 hrs	7	1	102	1	100	1	119	1									
	33	More than 30 hrs	19	2	117	1	152	2	163	2									
	Total			1,302	100	9,147	100	10,739	100	9,444	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	837	65	5,626	61	6,881	62	5,593	58	4.6	5.6 *** ▼	-.12	5.4 *** ▼	-.10	5.7 *** ▼	-.14	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	60	4	394	4	423	4	512	6								
	8	6-10 hrs	124	10	871	9	943	10	1,052	11									
	13	11-15 hrs	132	10	923	10	999	10	978	11									
	18	16-20 hrs	86	6	816	9	839	8	757	8									
	23	21-25 hrs	31	2	266	3	335	3	311	3									
	28	26-30 hrs	16	1	109	1	134	1	114	1									
	33	More than 30 hrs	11	1	149	2	193	2	143	2									
	Total			1,297	100	9,154	100	10,747	100	9,460	100								

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NSSE 2019 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	737	57	4,526	52	5,075	54	5,214	59	8.8	8.9	-0.1	8.5	.02	6.7 ***	.20
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	64	5	498	5	599	5	574	6							
		8	6-10 hrs	70	5	707	7	771	6	744	7							
		13	11-15 hrs	64	5	833	9	925	8	807	7							
		18	16-20 hrs	100	8	886	9	1,059	9	812	8							
		23	21-25 hrs	62	5	636	7	839	6	540	5							
		28	26-30 hrs	48	3	394	4	524	4	288	3							
		33	More than 30 hrs	158	13	682	8	955	8	489	5							
	Total			1,303	100	9,162	100	10,747	100	9,468	100							
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											13.4	14.4 ** ▽	-0.09	13.9	-0.04	12.4 ** △	.08
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	729	58	4,394	50	5,153	51	4,332	49	2.6	3.0 *	-0.08	2.9	-0.06	3.1 **	-0.10
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	393	29	3,378	35	3,974	35	3,588	36							
		8	6-10 hrs	97	7	709	7	834	7	781	8							
		13	11-15 hrs	37	3	286	3	336	3	327	3							
		18	16-20 hrs	17	1	181	2	208	2	216	2							
		23	21-25 hrs	9	1	100	1	115	1	113	1							
		28	26-30 hrs	5	0	33	0	37	0	28	0							
		33	More than 30 hrs	13	1	65	1	85	1	66	1							
	Total			1,300	100	9,146	100	10,742	100	9,451	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	30	2	154	2	158	2	125	2	11.4	12.4 ***	-0.12	12.5 ***	-0.13	12.8 ***	-0.16
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	319	24	1,852	20	2,239	20	1,723	18							
		8	6-10 hrs	383	29	2,598	27	3,017	27	2,678	27							
		13	11-15 hrs	254	20	1,955	22	2,252	21	2,110	22							
		18	16-20 hrs	149	11	1,327	15	1,544	15	1,397	15							
		23	21-25 hrs	65	5	536	6	644	7	603	7							
		28	26-30 hrs	24	2	260	3	310	3	275	3							
		33	More than 30 hrs	77	6	461	6	576	6	542	6							
	Total			1,301	100	9,143	100	10,740	100	9,453	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 2019 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Effect size ^e
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	965	74	7,454	81	8,607	81	7,853	83	4.4	2.7 *** ▲	.22	2.7 *** ▲	.23	2.2 *** ▲	.32
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	100	8	656	7	783	7	623	7							
	8	6-10 hrs	48	4	271	3	341	3	260	3								
	13	11-15 hrs	26	2	174	2	210	2	202	2								
	18	16-20 hrs	25	2	130	2	168	2	146	2								
	23	21-25 hrs	13	1	95	1	110	1	87	1								
	28	26-30 hrs	10	1	30	0	49	0	23	0								
	33	More than 30 hrs	111	8	330	4	460	4	240	3								
Total		1,298	100	9,140	100	10,728	100	9,434	100									
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	184	15	1,077	13	1,168	13	1,220	14	4.7	5.0 * ▼	-.07	4.9	-.05	4.9	-.04
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	794	61	5,677	59	6,828	61	5,830	60							
	8	6-10 hrs	221	16	1,542	18	1,731	17	1,555	17								
	13	11-15 hrs	56	4	428	5	493	5	427	5								
	18	16-20 hrs	16	1	187	2	205	2	204	2								
	23	21-25 hrs	13	1	97	1	113	1	90	1								
	28	26-30 hrs	2	0	26	0	39	0	27	0								
	33	More than 30 hrs	16	1	115	1	154	1	101	1								
Total		1,302	100	9,149	100	10,731	100	9,454	100									
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																		
reading	1	Very little	279	22	1,904	22	2,296	23	1,763	20	2.5	2.5	-.01	2.4	.04	2.6 ** ▼	-.09	
	2	Some	421	33	3,031	34	3,615	35	2,959	33								
	3	About half	310	24	2,122	22	2,441	21	2,247	23								
	4	Most	220	16	1,493	15	1,705	15	1,728	17								
	5	Almost all	69	5	591	6	675	6	743	7								
	Total		1,299	100	9,141	100	10,732	100	9,440	100								
tmreadinghrs	(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)										6.5	6.1 ** ▲	.09	5.7 *** ▲	.16	6.2	.05	

*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 2019 Frequencies and Statistical Comparisons

Washington State University

Seniors

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Item wording or description	Variable name ^c	Values ^d	Response options	WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU		Strategic Plan		Legislative Peers		AAU Institutions	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
	tmreadinghrscol	1	0 hrs	4	0	26	0	41	0	38	0								
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	663	52	5,045	55	6,137	58	4,997	53								
		3	More than 5, up to 10 hrs	374	29	2,505	28	2,916	27	2,710	29								
		4	More than 10, up to 15 hrs	122	10	747	8	814	8	855	9								
		5	More than 15, up to 20 hrs	68	5	439	5	442	4	434	4								
		6	More than 20, up to 25 hrs	53	4	245	2	238	2	275	3								
		7	More than 25 hrs	13	1	104	1	106	1	104	1								
		Total			1,297	100	9,111	100	10,694	100	9,413	100							

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

a. Writing clearly and effectively	pgwrite	1	Very little	75	6	555	7	682	7	597	7	3.0	2.9 ***	.15	2.9 ***	.14	2.9 ***	.10						
		2	Some	286	22	2,246	25	2,626	25	2,258	24								Δ			Δ		
		3	Quite a bit	476	37	3,733	41	4,282	40	3,745	40													
		4	Very much	465	35	2,562	27	3,092	28	2,822	29													
		Total		1,302	100	9,096	100	10,682	100	9,422	100													
b. Speaking clearly and effectively	pgspeak	1	Very little	144	11	709	8	847	9	697	8	2.8	2.8	.01	2.8	-.02	2.9	-.05						
		2	Some	303	24	2,449	28	2,751	27	2,437	26													
		3	Quite a bit	464	36	3,474	38	4,030	37	3,540	37													
		4	Very much	388	29	2,472	26	3,063	28	2,757	29													
		Total		1,299	100	9,104	100	10,691	100	9,431	100													
c. Thinking critically and analytically	pgthink	1	Very little	27	2	180	2	220	2	179	2	3.3	3.3 *	.06	3.3	.03	3.3	.04						
		2	Some	133	10	1,109	13	1,302	12	1,141	13								Δ					
		3	Quite a bit	502	38	3,504	38	3,995	36	3,554	36													
		4	Very much	639	49	4,323	47	5,182	50	4,554	49													
		Total		1,301	100	9,116	100	10,699	100	9,428	100													
d. Analyzing numerical and statistical information	pganalyze	1	Very little	85	6	651	7	837	7	776	8	3.1	3.0 *	.07	3.0 *	.06	3.0 **	.10						
		2	Some	292	21	2,198	23	2,632	23	2,374	24								Δ			Δ		
		3	Quite a bit	434	34	3,125	35	3,576	33	3,126	32													
		4	Very much	489	39	3,142	36	3,655	37	3,150	36													
		Total		1,300	100	9,116	100	10,700	100	9,426	100													

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Frequency Distributions^a

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Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU	Strategic Plan	Legislative Peers	AAU Institutions	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	129	11	746	9	837	9	781	9	2.9	2.9	-0.02	2.9 *	-0.07	2.9	-0.02
		2	Some	308	24	2,146	24	2,437	23	2,311	25							
		3	Quite a bit	430	33	3,221	35	3,714	34	3,213	33							
		4	Very much	430	32	3,003	32	3,706	35	3,122	33							
		Total		1,297	100	9,116	100	10,694	100	9,427	100							
f. Working effectively with others	pgothers	1	Very little	70	6	374	5	457	5	366	5	3.0	3.0	.00	3.1	-0.04	3.0	-0.02
		2	Some	287	22	1,878	22	2,074	21	1,939	22							
		3	Quite a bit	465	36	3,615	39	4,245	38	3,698	38							
		4	Very much	478	36	3,248	34	3,927	36	3,421	36							
		Total		1,300	100	9,115	100	10,703	100	9,424	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	189	15	1,055	13	1,202	13	1,066	12	2.7	2.7	-0.04	2.7 *	-0.07	2.7 *	-0.07
		2	Some	349	28	2,458	27	2,787	27	2,540	28							
		3	Quite a bit	420	32	3,182	34	3,714	33	3,265	33							
		4	Very much	343	26	2,412	25	2,988	27	2,547	27							
		Total		1,301	100	9,107	100	10,691	100	9,418	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	175	14	830	10	1,019	11	789	9	2.7	2.8 **	-0.10	2.8 ***	-0.12	2.8 ***	-0.16
		2	Some	359	28	2,504	28	2,842	27	2,525	27							
		3	Quite a bit	425	32	3,276	36	3,730	34	3,353	35							
		4	Very much	342	25	2,491	26	3,094	28	2,746	29							
		Total		1,301	100	9,101	100	10,685	100	9,413	100							
i. Solving complex real- world problems	pgprobsolve	1	Very little	113	9	670	8	838	8	710	8	2.9	2.8	.03	2.9	.00	2.9	.01
		2	Some	334	26	2,518	28	2,890	27	2,558	27							
		3	Quite a bit	467	36	3,376	37	3,870	35	3,489	36							
		4	Very much	386	30	2,545	27	3,093	30	2,664	29							
		Total		1,300	100	9,109	100	10,691	100	9,421	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	210	17	1,139	14	1,350	14	1,187	14	2.5	2.6 *	-0.08	2.6 **	-0.08	2.7 ***	-0.10
		2	Some	417	32	2,857	32	3,302	32	2,884	31							
		3	Quite a bit	381	29	2,996	32	3,446	30	3,068	31							
		4	Very much	293	22	2,125	22	2,606	23	2,291	24							
		Total		1,301	100	9,117	100	10,704	100	9,430	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 2019 Frequencies and Statistical Comparisons

Washington State University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
								Your seniors compared with											
				WSU		Strategic Plan		Legislative Peers		AAU Institutions		WSU		Strategic Plan		Legislative Peers		AAU Institutions	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	44	4	197	3	216	2	202	3	3.2	3.2 ***	-11	3.3 ***	-16	3.3 ***	-13	
		2	Fair	168	13	959	11	1,097	11	1,028	11								
		3	Good	613	47	4,169	45	4,719	43	4,316	44								
		4	Excellent	479	36	3,815	41	4,692	44	3,897	42								
			Total	1,304	100	9,140	100	10,724	100	9,443	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	72	6	298	4	364	4	361	4	3.2	3.3 ***	-14	3.3 ***	-16	3.3 ***	-10	
		2	Probably no	165	13	1,002	11	1,125	10	1,086	11								
		3	Probably yes	503	39	3,621	39	4,132	38	3,732	39								
		4	Definitely yes	565	42	4,243	46	5,140	48	4,297	45								
			Total	1,305	100	9,164	100	10,761	100	9,476	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 2019 Frequencies and Statistical Comparisons

Detailed Statistics^g

Washington State University

First-Year Students

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	WSU	WSU	Strategic Plan	Legislative Peers	AAU Institutions	WSU	Strategic Plan	Legislative Peers	AAU Institutions	WSU	Strategic Plan	Legislative Peers	AAU Institutions	Comparisons with:			Comparisons with:			Comparisons with:		
														Strategic Plan	Legislative Peers	AAU Institutions	Strategic Plan	Legislative Peers	AAU Institutions	Strategic Plan	Legislative Peers	AAU Institutions
1 a. askquest	1,189	2.62	2.62	2.67	2.79	.023	.009	.008	.007	.80	.84	.85	.84	1,574	1,470	14,325	.985	.059	.000	.00	-.06	-.20
b. drafts	1,192	2.35	2.27	2.25	2.31	.027	.010	.009	.008	.94	.96	.96	.97	9,733	12,727	14,197	.005	.000	.125	.09	.11	.05
c. unpreparedr	1,190	2.92	2.93	2.92	2.87	.022	.009	.007	.007	.77	.79	.79	.80	9,733	12,754	14,366	.686	.786	.049	-.01	-.01	.06
d. attendart	1,191	1.74	1.88	1.85	1.93	.024	.010	.008	.008	.84	.90	.88	.90	9,711	12,701	14,164	.000	.000	.000	-.16	-.12	-.20
e. CLaskhelp	1,189	2.69	2.77	2.77	2.76	.026	.009	.008	.008	.88	.87	.87	.86	9,698	12,678	14,137	.003	.005	.019	-.09	-.09	-.07
f. CLexplain	1,188	2.78	2.83	2.83	2.86	.023	.009	.007	.007	.80	.80	.80	.79	9,672	12,642	14,408	.082	.078	.002	-.05	-.05	-.09
g. CLstudy	1,185	2.53	2.70	2.69	2.69	.028	.010	.009	.008	.96	.95	.95	.95	9,632	12,593	14,051	.000	.000	.000	-.17	-.16	-.16
h. CLproject	1,176	2.68	2.70	2.70	2.74	.024	.010	.008	.008	.82	.87	.87	.87	1,575	1,462	1,431	.482	.442	.023	-.02	-.02	-.07
i. present	1,179	2.11	2.09	2.12	2.20	.024	.010	.008	.008	.83	.88	.88	.89	1,576	1,469	1,446	.530	.678	.001	.02	-.01	-.10
2 a. RIntegrate	1,167	2.69	2.56	2.57	2.62	.023	.009	.008	.007	.78	.82	.83	.83	1,560	1,457	1,422	.000	.000	.008	.16	.14	.08
b. RIsocietal	1,159	2.60	2.52	2.51	2.60	.024	.010	.008	.008	.83	.87	.85	.86	1,536	12,231	13,999	.002	.000	.957	.10	.11	.00
c. RIdiverse	1,154	2.58	2.49	2.48	2.58	.025	.010	.008	.008	.87	.89	.89	.88	9,300	12,116	13,613	.003	.000	.895	.09	.11	.00
d. Rlownview	1,150	2.80	2.73	2.72	2.76	.023	.009	.008	.007	.78	.80	.80	.80	1,521	1,423	1,389	.008	.002	.115	.08	.10	.05
e. Rlperspect	1,144	2.90	2.90	2.86	2.89	.023	.009	.008	.007	.78	.79	.80	.80	9,070	1,416	13,292	.863	.094	.480	.01	.05	.02
f. Rlnewview	1,138	2.83	2.84	2.82	2.86	.023	.009	.008	.007	.78	.76	.77	.78	8,975	11,634	13,150	.700	.839	.220	-.01	.01	-.04
g. Rlconnect	1,125	3.05	3.03	3.02	3.05	.021	.008	.007	.007	.71	.72	.73	.73	8,868	11,496	13,011	.601	.274	.857	.02	.03	-.01
3 a. SFcareer	1,126	2.46	2.32	2.31	2.30	.026	.010	.009	.008	.86	.91	.91	.91	8,880	11,503	13,009	.000	.000	.000	.16	.17	.18
b. SFotherwork	1,123	1.84	1.83	1.82	1.85	.027	.010	.009	.009	.92	.91	.92	.93	8,834	11,436	12,931	.752	.525	.507	.01	.02	-.02
c. SFdiscuss	1,116	2.00	2.00	1.99	2.05	.026	.010	.009	.008	.85	.87	.87	.88	8,757	11,332	12,825	.947	.777	.072	.00	.01	-.06
d. SFperform	1,115	2.13	2.07	2.06	2.09	.025	.010	.009	.008	.85	.86	.86	.87	8,734	11,293	12,823	.022	.008	.166	.07	.08	.04
4 a. memorize	1,112	2.97	2.96	2.94	2.94	.024	.009	.008	.007	.79	.78	.80	.80	8,698	11,245	12,767	.770	.251	.209	.01	.04	.04
b. HOapply	1,112	2.90	2.99	3.00	2.99	.023	.009	.008	.007	.76	.77	.77	.77	8,669	11,208	12,716	.001	.000	.000	-.11	-.13	-.11
c. HOanalyze	1,099	2.85	2.91	2.92	2.94	.024	.009	.008	.008	.79	.81	.81	.81	8,600	11,100	12,617	.025	.009	.001	-.07	-.08	-.11
d. HOevaluate	1,094	2.87	2.79	2.79	2.83	.024	.009	.008	.008	.80	.82	.83	.83	1,451	1,362	1,328	.003	.002	.095	.10	.10	.05
e. HOform	1,096	2.84	2.82	2.82	2.86	.024	.009	.008	.008	.80	.81	.81	.81	1,451	1,358	12,528	.531	.487	.506	.02	.02	-.02
5 a. ETgoals	1,092	2.96	3.01	3.02	3.04	.022	.009	.008	.007	.73	.76	.77	.76	8,460	1,377	1,327	.065	.023	.001	-.06	-.07	-.10
b. ETorganize	1,087	2.88	2.95	2.96	2.98	.024	.009	.008	.007	.79	.78	.78	.77	1,417	10,918	1,293	.005	.001	.000	-.09	-.10	-.13
c. ETexample	1,087	2.93	2.99	3.01	3.02	.024	.009	.008	.007	.78	.79	.79	.79	8,427	10,897	12,385	.013	.003	.000	-.08	-.10	-.12
d. ETdraftfb	1,088	2.77	2.63	2.60	2.68	.026	.011	.009	.009	.86	.91	.92	.91	1,474	1,382	1,333	.000	.000	.000	.16	.19	.11
e. ETfeedback	1,087	2.59	2.56	2.56	2.62	.027	.010	.009	.008	.88	.88	.89	.87	8,381	10,839	12,354	.202	.218	.308	.04	.04	-.03

NSSE 2019 Frequencies and Statistical Comparisons

Detailed Statistics^g

Washington State University

First-Year Students

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	WSU	WSU	Strategic Plan	Legislative Peers	AAU Institutions	WSU	Strategic Plan	Legislative Peers	AAU Institutions	WSU	Strategic Plan	Legislative Peers	AAU Institutions	Comparisons with:			Comparisons with:			Comparisons with:		
														Strategic Plan	Legislative Peers	AAU Institutions	Strategic Plan	Legislative Peers	AAU Institutions	Strategic Plan	Legislative Peers	AAU Institutions
6 a. QRconclude	1,079	2.59	2.63	2.63	2.62	.025	.010	.009	.008	.83	.84	.85	.86	8,282	10,719	1,316	.114	.201	.300	-.05	-.04	-.03
b. QRproblem	1,076	2.37	2.31	2.30	2.35	.027	.011	.009	.009	.89	.90	.91	.92	8,227	10,638	12,138	.048	.024	.518	.06	.07	.02
c. QRevaluate	1,069	2.39	2.36	2.35	2.40	.026	.010	.009	.008	.86	.86	.86	.87	8,201	10,612	12,119	.325	.212	.550	.03	.04	-.02
7 a. wrshortnum	1,069	8.02	6.10	5.86	6.98	.187	.067	.056	.057	6.12	5.62	5.43	5.97	1,352	1,263	12,119	.000	.000	.000	.34	.39	.17
b. wrmednum	1,068	2.78	2.27	2.08	2.52	.112	.042	.034	.034	3.66	3.51	3.31	3.62	8,187	1,270	12,100	.000	.000	.025	.15	.21	.07
c. wrlongnum	1,070	.87	.96	.91	1.06	.081	.034	.029	.029	2.65	2.87	2.82	3.00	1,472	10,603	1,349	.272	.611	.025	-.03	-.02	-.07
— wrpages	1,063	58.52	50.72	47.71	56.71	2.178	.873	.732	.722	71.01	73.52	71.34	75.60	8,153	10,567	1,306	.001	.000	.429	.11	.15	.02
8 a. DDrace	1,070	2.98	3.04	3.04	3.13	.027	.010	.009	.008	.88	.88	.88	.85	8,176	10,567	12,060	.036	.040	.000	-.07	-.07	-.18
b. DDeconomic	1,066	2.97	3.05	3.05	3.09	.027	.010	.009	.008	.87	.84	.84	.84	8,167	10,544	12,049	.005	.005	.000	-.09	-.09	-.14
c. DDreligion	1,065	2.91	3.00	3.00	3.07	.028	.011	.009	.008	.91	.89	.88	.87	1,389	1,298	12,053	.002	.002	.000	-.10	-.10	-.18
d. DDpolitical	1,067	2.88	2.97	2.96	2.92	.028	.011	.009	.009	.92	.90	.89	.91	8,168	1,301	12,061	.004	.008	.213	-.09	-.09	-.04
9 a. LSreading	1,062	2.98	2.93	2.92	2.99	.024	.009	.008	.007	.77	.76	.78	.77	8,118	1,314	11,976	.064	.021	.664	.06	.07	-.01
b. LSnotes	1,060	2.79	2.83	2.83	2.83	.028	.010	.009	.008	.90	.87	.88	.88	1,378	1,299	1,264	.224	.163	.238	-.04	-.05	-.04
c. LSsummary	1,062	2.68	2.75	2.75	2.76	.028	.010	.009	.008	.90	.85	.86	.86	1,362	1,288	1,260	.020	.020	.009	-.08	-.08	-.09
10. challenge	1,060	5.31	5.43	5.45	5.36	.036	.014	.013	.012	1.16	1.20	1.22	1.24	1,428	1,338	1,308	.002	.000	.244	-.10	-.11	-.04
11 a. intern ^l	1,063	.063	.080	.083	.100	.0074	.0032	.0029	.0029	--	--	--	--	--	--	--	.047	.019	.000	-.07	-.08	-.14
b. leader ^l	1,060	.115	.127	.144	.150	.0098	.0040	.0036	.0034	--	--	--	--	--	--	--	.269	.009	.002	-.04	-.09	-.10
c. learncom ^l	1,052	.104	.187	.160	.174	.0094	.0047	.0038	.0037	--	--	--	--	--	--	--	.000	.000	.000	-.24	-.17	-.20
d. abroad ^l	1,059	.029	.035	.034	.044	.0051	.0022	.0019	.0020	--	--	--	--	--	--	--	.330	.390	.021	-.03	-.03	-.08
e. research ^l	1,057	.054	.051	.060	.067	.0070	.0026	.0025	.0024	--	--	--	--	--	--	--	.667	.455	.104	.01	-.02	-.05
f. capstone ^l	1,054	.027	.017	.017	.021	.0049	.0015	.0013	.0014	--	--	--	--	--	--	--	.024	.030	.240	.07	.06	.04
12. servcourse	1,050	1.56	1.55	1.55	1.53	.019	.008	.007	.007	.63	.68	.68	.68	1,441	1,341	1,295	.402	.644	.139	.03	.01	.05
13 a. QIstudent	1,043	5.34	5.47	5.47	5.37	.040	.016	.014	.013	1.30	1.30	1.31	1.34	7,930	10,232	11,748	.003	.002	.482	-.10	-.10	-.02
b. QIadvisor	1,041	5.42	5.37	5.40	5.25	.047	.019	.016	.015	1.52	1.54	1.54	1.56	7,833	10,119	11,613	.322	.705	.001	.03	.01	.11
c. QIfaculty	1,036	5.28	5.24	5.28	5.23	.040	.016	.014	.013	1.27	1.35	1.36	1.34	7,865	1,317	11,645	.453	.906	.319	.03	.00	.03
d. QIstaff	984	5.09	5.18	5.20	5.04	.046	.019	.016	.015	1.44	1.51	1.51	1.54	1,332	1,239	1,212	.046	.016	.377	-.07	-.08	.03
e. QIadmin	950	5.03	5.05	5.12	4.94	.049	.019	.017	.016	1.50	1.52	1.51	1.54	7,136	9,155	10,397	.668	.089	.088	-.01	-.06	.06
14 a. empstudy	1,047	3.02	3.13	3.14	3.09	.023	.009	.008	.007	.74	.72	.74	.76	1,368	1,297	1,270	.000	.000	.005	-.16	-.17	-.09
b. SEacademic	1,045	2.96	3.04	3.06	3.01	.025	.010	.008	.008	.82	.80	.81	.79	7,915	10,214	1,240	.002	.000	.059	-.11	-.13	-.06
c. SElearnsup	1,042	3.03	3.07	3.10	3.02	.027	.010	.009	.008	.86	.84	.85	.84	7,912	10,200	11,710	.218	.022	.596	-.04	-.08	-.02

NSSE 2019 Frequencies and Statistical Comparisons

Detailed Statistics^g

Washington State University

First-Year Students

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	WSU	WSU	Strategic Plan	Legislative Peers	AAU Institutions	WSU	Strategic Plan	Legislative Peers	AAU Institutions	WSU	Strategic Plan	Legislative Peers	AAU Institutions	Comparisons with:			Comparisons with:			Comparisons with:		
														Strategic Plan	Legislative Peers	AAU Institutions	Strategic Plan	Legislative Peers	AAU Institutions	Strategic Plan	Legislative Peers	AAU Institutions
d. SEdiverse	1,043	2.56	2.77	2.78	2.76	.029	.011	.010	.009	.93	.93	.93	.94	7,892	10,168	11,680	.000	.000	.000	-.22	-.23	-.21
e. SEsocial	1,042	2.87	3.03	3.05	3.01	.027	.010	.009	.008	.86	.83	.83	.84	1,354	1,274	1,241	.000	.000	.000	-.19	-.21	-.17
f. SEwellness	1,042	2.85	3.01	3.02	2.96	.027	.011	.009	.008	.88	.87	.87	.86	1,370	1,285	1,246	.000	.000	.000	-.19	-.19	-.13
g. SEnonacad	1,038	2.19	2.35	2.34	2.29	.027	.011	.010	.009	.88	.95	.95	.94	1,426	1,325	1,280	.000	.000	.000	-.18	-.16	-.12
h. SEactivities	1,040	2.78	2.95	2.93	2.89	.028	.010	.009	.008	.90	.86	.86	.86	1,340	1,267	1,231	.000	.000	.000	-.20	-.17	-.13
i. SEevents	1,041	2.34	2.50	2.47	2.49	.027	.011	.010	.009	.87	.92	.92	.92	1,417	1,319	1,277	.000	.000	.000	-.17	-.14	-.16
15 a. tmprephrs	1,037	14.92	15.52	15.70	16.42	.250	.100	.087	.081	8.05	8.23	8.28	8.30	7,823	10,085	11,589	.028	.004	.000	-.07	-.10	-.18
b. tmcocurrhrs	1,040	5.72	6.15	6.44	6.73	.219	.081	.071	.067	7.06	6.66	6.73	6.88	7,812	10,066	11,583	.055	.001	.000	-.06	-.11	-.15
c. tmworkonhrs	1,038	2.20	3.12	2.91	3.00	.167	.076	.063	.059	5.37	6.23	6.02	6.10	1,497	1,354	1,315	.000	.000	.000	-.15	-.12	-.13
d. tmworkoffhrs	1,038	2.89	3.57	3.11	2.57	.226	.091	.075	.063	7.29	7.54	7.12	6.45	1,398	10,084	1,203	.005	.343	.177	-.09	-.03	.05
— tmworkhrs	1,035	5.05	6.66	5.99	5.52	.297	.125	.106	.095	9.57	10.31	10.06	9.78	1,426	1,310	11,539	.000	.003	.145	-.16	-.09	-.05
e. tmservicehrs	1,034	2.27	2.40	2.45	2.52	.140	.054	.049	.046	4.51	4.49	4.61	4.69	7,823	10,071	11,569	.384	.230	.101	-.03	-.04	-.05
f. tmrelaxhrs	1,039	13.87	13.29	13.37	13.42	.264	.101	.088	.081	8.52	8.35	8.32	8.28	7,828	10,075	11,584	.037	.068	.093	.07	.06	.05
g. tmcarehrs	1,036	1.61	1.47	1.35	1.38	.166	.057	.048	.044	5.33	4.70	4.54	4.50	1,292	1,214	1,185	.430	.130	.173	.03	.06	.05
h. tmcommutehrs	1,038	4.50	3.91	3.93	3.86	.188	.069	.058	.055	6.06	5.72	5.54	5.68	1,334	1,244	1,222	.003	.004	.001	.10	.10	.11
16. reading	1,038	2.52	2.43	2.44	2.63	.033	.013	.011	.011	1.06	1.05	1.05	1.10	7,816	10,063	11,571	.016	.030	.001	.08	.07	-.11
— tmreadinghrs	1,032	6.03	5.86	5.95	6.84	.168	.064	.055	.055	5.40	5.22	5.25	5.62	7,766	10,014	11,521	.348	.650	.000	.03	.01	-.14
17 a. pgwrite	1,031	2.71	2.61	2.59	2.65	.027	.011	.010	.009	.85	.89	.91	.90	1,395	1,313	1,264	.001	.000	.046	.11	.13	.06
b. pgspeak	1,035	2.46	2.51	2.52	2.54	.029	.011	.010	.009	.94	.93	.95	.95	7,796	10,009	11,499	.108	.059	.011	-.05	-.06	-.08
c. pgthink	1,038	3.01	3.05	3.08	3.08	.026	.010	.008	.008	.82	.81	.80	.80	7,796	10,001	11,496	.192	.014	.016	-.04	-.08	-.08
d. pganalyze	1,037	2.69	2.74	2.76	2.72	.028	.011	.010	.009	.91	.92	.94	.95	7,798	10,003	1,270	.077	.015	.287	-.06	-.08	-.03
e. pgwork	1,037	2.51	2.59	2.61	2.60	.029	.011	.010	.009	.94	.92	.94	.95	7,799	9,994	11,492	.006	.001	.003	-.09	-.11	-.10
f. pgothers	1,037	2.72	2.81	2.81	2.81	.027	.011	.009	.009	.87	.86	.87	.88	7,797	9,999	11,494	.001	.001	.001	-.11	-.11	-.11
g. pgvalues	1,036	2.52	2.62	2.62	2.63	.029	.011	.010	.009	.95	.94	.96	.95	7,798	9,999	11,497	.001	.001	.000	-.12	-.11	-.12
h. pgdiverse	1,036	2.61	2.75	2.75	2.77	.029	.011	.010	.009	.92	.91	.92	.93	7,793	9,994	11,506	.000	.000	.000	-.15	-.15	-.17
i. pgprobsolve	1,037	2.57	2.64	2.63	2.64	.028	.011	.010	.009	.90	.91	.92	.93	7,798	10,016	11,498	.020	.023	.012	-.08	-.07	-.08
j. pgcitizen	1,039	2.50	2.61	2.60	2.62	.029	.011	.010	.009	.93	.93	.94	.94	7,810	10,011	11,517	.000	.001	.000	-.12	-.11	-.13
18. evalexp	1,042	3.12	3.19	3.23	3.18	.022	.009	.008	.007	.72	.72	.73	.73	1,374	1,295	1,263	.003	.000	.008	-.10	-.15	-.09
19. sameinst	1,044	3.24	3.29	3.31	3.22	.024	.009	.008	.008	.76	.76	.76	.80	7,870	10,110	11,610	.047	.008	.470	-.07	-.09	.02
20. returnexp ^l	1,047	.910	.912	.915	.899	.0088	.0034	.0029	.0029	--	--	--	--	--	--	--	.877	.581	.251	-.01	-.02	.04

NSSE 2019 Frequencies and Statistical Comparisons

Detailed Statistics^g

Washington State University

Seniors

Variable Name	N		Mean			Standard error ^h			Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e			
	WSU	WSU	Strategic Plan	Legislative Peers	AAU Institutions	WSU	Strategic Plan	Legislative Peers	AAU Institutions	WSU	Strategic Plan	Legislative Peers	AAU Institutions	Comparisons with:			Comparisons with:			Comparisons with:		
														Strategic Plan	Legislative Peers	AAU Institutions	Strategic Plan	Legislative Peers	AAU Institutions	Strategic Plan	Legislative Peers	AAU Institutions
1 a. askquest	1,418	3.01	2.86	2.88	2.94	.023	.008	.007	.007	.87	.89	.89	.88	1,791	1,697	17,354	.000	.000	.008	.16	.14	.07
b. drafts	1,409	2.40	2.20	2.18	2.18	.026	.009	.008	.008	.99	.98	.98	.97	1,747	1,664	1,660	.000	.000	.000	.20	.22	.22
c. unpreparedr	1,414	2.91	2.79	2.80	2.75	.023	.008	.007	.007	.85	.82	.83	.82	13,314	17,173	1,659	.000	.000	.000	.14	.13	.19
d. attendart	1,414	1.60	1.83	1.82	1.94	.021	.008	.007	.007	.78	.86	.87	.89	1,852	1,744	17,188	.000	.000	.000	-.27	-.26	-.39
e. CLaskhelp	1,412	2.64	2.58	2.60	2.58	.025	.008	.007	.007	.92	.89	.89	.89	13,275	17,117	1,654	.018	.109	.013	.07	.04	.07
f. CLexplain	1,412	2.92	2.82	2.84	2.85	.023	.008	.007	.006	.85	.83	.82	.81	13,263	17,095	17,181	.000	.000	.001	.12	.10	.09
g. CLstudy	1,412	2.64	2.58	2.61	2.59	.027	.009	.008	.008	1.03	.99	.98	.96	1,733	1,649	1,639	.026	.244	.056	.07	.03	.06
h. CLproject	1,408	3.06	2.94	2.97	2.95	.024	.008	.007	.007	.89	.88	.87	.87	13,187	1,660	17,037	.000	.000	.000	.13	.10	.12
i. present	1,408	2.74	2.65	2.66	2.70	.025	.008	.007	.007	.93	.92	.93	.93	13,187	16,955	17,028	.001	.002	.181	.10	.09	.04
2 a. RIntegrate	1,402	3.06	2.93	2.93	2.92	.021	.008	.007	.007	.78	.81	.82	.81	1,784	1,692	1,685	.000	.000	.000	.16	.16	.16
b. RIsocietal	1,397	2.79	2.71	2.68	2.74	.023	.008	.007	.007	.88	.89	.90	.89	1,758	1,677	1,670	.001	.000	.038	.09	.13	.06
c. RIdiverse	1,396	2.54	2.52	2.49	2.58	.026	.009	.008	.008	.98	.95	.95	.93	1,729	16,589	1,638	.563	.078	.106	.02	.05	-.05
d. Rlownview	1,391	2.82	2.78	2.77	2.80	.021	.008	.007	.007	.80	.81	.83	.82	1,759	1,678	16,576	.069	.014	.357	.05	.07	.03
e. Rlperspect	1,382	2.95	2.94	2.93	2.94	.021	.007	.007	.006	.78	.79	.81	.79	1,748	1,668	1,656	.605	.382	.711	.01	.02	.01
f. Rlnewview	1,374	2.99	2.93	2.92	2.94	.021	.007	.006	.006	.78	.79	.79	.78	1,731	1,644	16,219	.006	.004	.041	.08	.08	.06
g. Rlconnect	1,374	3.22	3.14	3.14	3.15	.019	.007	.006	.006	.71	.72	.73	.73	12,499	15,983	16,104	.000	.000	.000	.11	.12	.10
3 a. SFcareer	1,369	2.51	2.41	2.44	2.43	.026	.009	.008	.008	.98	.96	.97	.96	1,709	15,968	1,620	.000	.018	.008	.10	.07	.08
b. SFotherwork	1,369	2.03	2.01	2.05	2.05	.028	.010	.008	.008	1.05	1.00	1.02	1.00	1,690	1,619	1,610	.462	.558	.443	.02	-.02	-.02
c. SFdiscuss	1,362	2.17	2.14	2.18	2.19	.025	.009	.008	.008	.92	.90	.92	.91	12,343	15,769	15,906	.379	.620	.432	.03	-.01	-.02
d. SFperform	1,359	2.17	2.09	2.11	2.10	.024	.008	.007	.007	.88	.88	.90	.89	12,348	15,746	15,877	.001	.019	.004	.10	.07	.08
4 a. memorize	1,360	2.82	2.81	2.78	2.78	.024	.008	.007	.007	.89	.86	.86	.86	12,292	15,659	15,802	.487	.088	.102	.02	.05	.05
b. HOapply	1,360	3.13	3.05	3.06	3.05	.021	.008	.007	.007	.79	.79	.79	.79	1,713	15,631	1,623	.001	.002	.000	.10	.09	.10
c. HOanalyze	1,348	3.08	2.98	2.97	2.99	.021	.008	.007	.007	.79	.81	.82	.81	12,157	15,520	15,654	.000	.000	.000	.13	.14	.12
d. HOevaluate	1,345	2.92	2.79	2.77	2.82	.024	.008	.007	.007	.87	.87	.88	.87	1,703	1,623	1,613	.000	.000	.000	.14	.16	.11
e. HOform	1,343	2.94	2.83	2.82	2.86	.022	.008	.007	.007	.81	.84	.85	.85	1,718	1,637	1,630	.000	.000	.001	.13	.14	.10
5 a. ETgoals	1,338	3.08	3.06	3.09	3.07	.021	.007	.007	.006	.76	.77	.77	.76	12,003	15,290	15,441	.377	.718	.781	.03	-.01	.01
b. ETorganize	1,336	2.99	3.02	3.06	3.04	.021	.008	.007	.007	.79	.78	.79	.77	11,999	15,273	15,424	.271	.003	.053	-.03	-.09	-.06
c. ETexample	1,331	3.06	3.09	3.11	3.09	.022	.008	.007	.007	.81	.79	.79	.78	11,987	15,240	15,379	.187	.011	.078	-.04	-.07	-.05
d. ETdraftfb	1,335	2.70	2.58	2.59	2.58	.026	.009	.008	.008	.93	.94	.95	.94	11,986	15,229	15,374	.000	.000	.000	.12	.11	.13
e. ETfeedback	1,330	2.72	2.64	2.65	2.63	.024	.009	.008	.007	.88	.88	.89	.88	11,924	1,606	15,318	.003	.014	.001	.09	.07	.09

NSSE 2019 Frequencies and Statistical Comparisons

Detailed Statistics^g

Washington State University

Seniors

Variable Name	N		Mean			Standard error ^h			Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e			
	WSU	WSU	Strategic Plan	Legislative Peers	AAU Institutions	WSU	Strategic Plan	Legislative Peers	AAU Institutions	WSU	Strategic Plan	Legislative Peers	AAU Institutions	Comparisons with:			Comparisons with:			Comparisons with:		
														Strategic Plan	Legislative Peers	AAU Institutions	Strategic Plan	Legislative Peers	AAU Institutions	Strategic Plan	Legislative Peers	AAU Institutions
6 a. QRconclude	1,328	2.80	2.71	2.70	2.68	.024	.009	.008	.008	.89	.89	.90	.90	11,829	14,994	15,180	.000	.000	.000	.10	.11	.13
b. QRproblem	1,323	2.53	2.46	2.43	2.46	.026	.009	.008	.008	.96	.95	.96	.95	11,778	14,960	15,144	.016	.000	.010	.07	.10	.07
c. QRevaluate	1,323	2.56	2.51	2.49	2.52	.025	.009	.008	.008	.92	.89	.90	.90	11,751	14,907	15,102	.092	.008	.120	.05	.08	.04
7 a. wrshortnum	1,317	8.43	7.25	6.79	7.48	.188	.064	.055	.056	6.81	6.51	6.37	6.53	1,636	1,549	1,558	.000	.000	.000	.18	.26	.15
b. wrmednum	1,317	4.20	3.11	2.89	3.25	.131	.040	.034	.035	4.75	4.07	3.95	4.15	1,571	1,499	1,516	.000	.000	.000	.26	.33	.23
c. wrlongnum	1,321	2.56	1.65	1.60	1.78	.114	.033	.029	.030	4.14	3.36	3.36	3.52	1,550	1,496	1,510	.000	.000	.000	.26	.28	.22
— wrpages	1,313	96.51	70.93	67.02	74.76	2.831	.858	.738	.767	102.57	87.03	85.42	89.44	1,562	1,495	1,511	.000	.000	.000	.29	.34	.24
8 a. DDrace	1,316	3.13	3.07	3.06	3.14	.024	.009	.008	.007	.87	.88	.89	.87	11,677	14,783	15,009	.020	.014	.484	.07	.07	-.02
b. DDeconomic	1,314	3.12	3.07	3.07	3.10	.023	.008	.007	.007	.83	.84	.85	.84	11,670	14,759	14,987	.040	.033	.411	.06	.06	.02
c. DDreligion	1,314	3.03	3.03	3.04	3.08	.025	.009	.008	.007	.89	.87	.88	.87	11,662	14,752	14,979	.944	.824	.036	.00	-.01	-.06
d. DDpolitical	1,316	2.95	2.97	2.99	2.92	.025	.009	.008	.008	.90	.89	.89	.90	11,659	14,752	1,582	.331	.075	.277	-.03	-.05	.03
9 a. LSreading	1,319	3.04	2.98	2.97	3.04	.022	.008	.007	.007	.79	.80	.82	.80	11,631	14,685	14,914	.005	.001	.756	.08	.09	.01
b. LSnotes	1,312	2.78	2.68	2.69	2.64	.026	.009	.008	.008	.95	.93	.93	.92	11,617	14,676	14,898	.001	.001	.000	.10	.10	.14
c. LSsummary	1,314	2.75	2.68	2.69	2.69	.025	.009	.008	.008	.90	.90	.92	.90	11,613	14,671	14,897	.010	.015	.015	.08	.07	.07
10. challenge	1,306	5.51	5.35	5.36	5.28	.036	.013	.011	.011	1.29	1.27	1.29	1.28	11,539	14,582	14,814	.000	.000	.000	.13	.12	.18
11 a. intern ^l	1,315	.488	.573	.579	.608	.0138	.0049	.0043	.0042	--	--	--	--	--	--	--	.000	.000	.000	-.17	-.18	-.24
b. leader ^l	1,314	.386	.452	.488	.520	.0134	.0049	.0043	.0043	--	--	--	--	--	--	--	.000	.000	.000	-.13	-.21	-.27
c. learncom ^l	1,314	.229	.256	.248	.273	.0116	.0043	.0038	.0038	--	--	--	--	--	--	--	.038	.127	.001	-.06	-.04	-.10
d. abroad ^l	1,316	.102	.190	.199	.248	.0083	.0039	.0035	.0037	--	--	--	--	--	--	--	.000	.000	.000	-.25	-.28	-.39
e. research ^l	1,311	.252	.263	.285	.317	.0120	.0044	.0039	.0040	--	--	--	--	--	--	--	.389	.012	.000	-.03	-.07	-.14
f. capstone ^l	1,313	.654	.444	.445	.433	.0131	.0049	.0043	.0043	--	--	--	--	--	--	--	.000	.000	.000	.43	.42	.45
12. servcourse	1,309	1.69	1.63	1.63	1.63	.018	.007	.006	.006	.65	.67	.67	.67	1,683	1,596	1,592	.002	.002	.004	.09	.09	.08
13 a. QIstudent	1,307	5.58	5.58	5.61	5.48	.036	.012	.011	.011	1.31	1.23	1.26	1.30	1,619	14,440	14,685	.972	.452	.007	.00	-.02	.08
b. QIadvisor	1,304	5.17	5.22	5.22	5.09	.050	.017	.015	.015	1.79	1.70	1.72	1.73	1,619	14,446	14,657	.322	.297	.087	-.03	-.03	.05
c. QIfaculty	1,301	5.41	5.34	5.39	5.33	.036	.013	.012	.011	1.30	1.30	1.32	1.31	11,429	14,457	14,687	.101	.636	.036	.05	.01	.06
d. QIstaff	1,046	4.90	4.98	5.04	4.89	.051	.017	.015	.015	1.65	1.58	1.58	1.59	1,283	1,226	12,934	.127	.011	.770	-.05	-.09	.01
e. QIadmin	1,202	4.95	4.86	4.94	4.74	.048	.017	.015	.015	1.65	1.60	1.62	1.63	10,402	13,220	13,308	.053	.749	.000	.06	.01	.13
14 a. empstudy	1,305	3.08	3.10	3.12	3.07	.022	.007	.007	.007	.80	.74	.75	.77	1,610	14,467	14,697	.465	.115	.622	-.02	-.05	.01
b. SEacademic	1,306	2.85	2.85	2.90	2.83	.023	.008	.007	.007	.85	.82	.83	.82	11,420	1,564	14,657	.985	.062	.283	.00	-.06	.03
c. SElearnsup	1,305	2.72	2.76	2.80	2.71	.026	.009	.008	.008	.94	.89	.90	.89	1,621	1,552	1,540	.197	.004	.694	-.04	-.09	.01

NSSE 2019 Frequencies and Statistical Comparisons

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Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	WSU	WSU	Strategic Plan	Legislative Peers	AAU Institutions	WSU	Strategic Plan	Legislative Peers	AAU Institutions	WSU	Strategic Plan	Legislative Peers	AAU Institutions	Comparisons with:			Comparisons with:			Comparisons with:		
														Strategic Plan	Legislative Peers	AAU Institutions	Strategic Plan	Legislative Peers	AAU Institutions	Strategic Plan	Legislative Peers	AAU Institutions
d. SEdiverse	1,297	2.46	2.57	2.57	2.55	.028	.010	.008	.008	1.01	.96	.97	.97	1,615	1,544	1,538	.000	.000	.002	-.12	-.12	-.09
e. SEsocial	1,303	2.79	2.89	2.91	2.87	.025	.009	.008	.008	.91	.87	.87	.88	1,623	1,550	1,549	.000	.000	.001	-.12	-.14	-.10
f. SEwellness	1,303	2.67	2.76	2.81	2.74	.027	.009	.008	.008	.98	.94	.95	.93	1,625	1,556	1,542	.001	.000	.008	-.10	-.15	-.08
g. SEnonacad	1,300	1.94	2.02	2.02	1.99	.026	.009	.008	.008	.95	.93	.94	.92	11,381	1,564	1,549	.003	.002	.103	-.09	-.09	-.05
h. SEactivities	1,296	2.55	2.77	2.75	2.74	.027	.009	.008	.008	.97	.91	.92	.91	1,603	1,538	1,525	.000	.000	.000	-.24	-.21	-.21
i. SEevents	1,300	2.19	2.32	2.32	2.33	.025	.009	.008	.008	.90	.90	.91	.90	1,651	1,575	1,562	.000	.000	.000	-.15	-.14	-.16
15 a. tmprephrs	1,301	16.57	15.39	15.16	15.31	.252	.088	.078	.077	9.08	8.82	8.94	8.88	11,347	14,314	14,576	.000	.000	.000	.13	.16	.14
b. tmcocurrhrs	1,300	4.92	6.16	6.32	6.81	.192	.072	.064	.065	6.92	7.17	7.25	7.42	1,681	1,598	1,607	.000	.000	.000	-.17	-.19	-.26
c. tmworkonhrs	1,295	4.59	5.57	5.38	5.72	.208	.084	.073	.072	7.50	8.40	8.33	8.35	1,741	1,630	1,624	.000	.000	.000	-.12	-.10	-.14
d. tmworkoffhrs	1,302	8.79	8.86	8.54	6.72	.338	.112	.099	.088	12.20	11.28	11.34	10.14	1,602	1,534	1,482	.834	.482	.000	-.01	.02	.20
— tmworkhrs	1,294	13.35	14.43	13.90	12.43	.345	.121	.108	.103	12.39	12.16	12.25	11.81	11,321	14,269	1,531	.003	.123	.010	-.09	-.04	.08
e. tmservicehrs	1,299	2.59	2.98	2.87	3.09	.140	.052	.044	.046	5.06	5.16	5.05	5.26	11,325	14,296	14,552	.010	.056	.001	-.08	-.06	-.10
f. tmrelaxhrs	1,299	11.44	12.39	12.55	12.76	.232	.083	.074	.073	8.35	8.28	8.40	8.39	11,329	14,302	14,551	.000	.000	.000	-.12	-.13	-.16
g. tmcarehrs	1,296	4.41	2.67	2.66	2.20	.273	.075	.066	.058	9.82	7.47	7.49	6.63	1,495	1,449	1,413	.000	.000	.000	.22	.23	.32
h. tmcommutehrs	1,300	4.67	5.02	4.91	4.89	.144	.054	.047	.046	5.20	5.38	5.36	5.28	1,681	14,288	14,552	.023	.116	.141	-.07	-.05	-.04
16. reading	1,296	2.49	2.50	2.45	2.60	.032	.012	.010	.010	1.15	1.17	1.16	1.19	11,326	14,298	1,580	.837	.223	.002	-.01	.04	-.09
— tmreadinghrs	1,294	6.54	6.05	5.70	6.24	.162	.056	.047	.049	5.83	5.61	5.32	5.59	1,619	1,516	1,536	.004	.000	.074	.09	.16	.05
17 a. pgwrite	1,301	3.01	2.88	2.89	2.92	.025	.009	.008	.008	.90	.88	.89	.89	11,272	14,225	14,504	.000	.000	.000	.15	.14	.10
b. pgspeak	1,297	2.82	2.81	2.84	2.87	.027	.009	.008	.008	.98	.92	.93	.92	1,607	1,540	1,530	.703	.515	.121	.01	-.02	-.05
c. pgthink	1,300	3.34	3.30	3.32	3.32	.021	.008	.007	.007	.75	.78	.78	.78	11,297	1,595	1,586	.041	.338	.185	.06	.03	.04
d. pganalyze	1,299	3.06	3.00	3.00	2.97	.026	.009	.008	.008	.92	.92	.94	.95	11,298	14,255	14,521	.022	.035	.001	.07	.06	.10
e. pgwork	1,295	2.87	2.90	2.94	2.89	.027	.010	.008	.008	.98	.96	.96	.96	1,627	1,549	14,515	.413	.017	.465	-.02	-.07	-.02
f. pgothers	1,298	3.03	3.03	3.06	3.05	.025	.009	.008	.008	.90	.86	.87	.87	1,623	14,252	14,506	.984	.197	.411	.00	-.04	-.02
g. pgvalues	1,300	2.68	2.71	2.75	2.74	.028	.010	.009	.009	1.02	.99	.99	.99	1,630	1,556	1,547	.232	.012	.021	-.04	-.07	-.07
h. pgdiverse	1,299	2.68	2.78	2.80	2.83	.028	.009	.009	.008	1.00	.95	.97	.95	1,613	1,550	1,534	.001	.000	.000	-.10	-.12	-.16
i. pgprobsolve	1,299	2.86	2.83	2.86	2.85	.026	.009	.008	.008	.94	.92	.94	.93	11,292	14,245	14,515	.354	.929	.849	.03	.00	.01
j. pgcitizen	1,300	2.55	2.63	2.63	2.65	.028	.010	.009	.009	1.02	.98	.99	.99	1,628	14,260	1,551	.011	.006	.001	-.08	-.08	-.10
18. evalexp	1,302	3.16	3.24	3.28	3.25	.022	.008	.007	.007	.79	.75	.75	.76	11,330	14,284	14,551	.000	.000	.000	-.11	-.16	-.13
19. sameinst	1,303	3.17	3.28	3.30	3.26	.024	.008	.007	.007	.87	.79	.80	.82	1,595	1,531	14,595	.000	.000	.000	-.14	-.16	-.10

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."