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# NSSE 2015

## Frequencies and Statistical Comparisons

Washington State University

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**Please note:** The layout of this file is optimized for printing and PDF creation, not on-screen viewing. When the Excel version is viewed on screen, some cells appear to contain truncated text or misplaced line breaks. This is due to differences in Excel between on-screen display and what appears in print or PDF.

# NSSE 2015 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](http://nsse.indiana.edu)) or contact a member of the NSSE team.

- Class level:** As reported by your institution.
- Item numbers:** Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.
- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.
- Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
- Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.  
  
**Note:** Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: [nsse.indiana.edu/html/weighting.cfm](http://nsse.indiana.edu/html/weighting.cfm)
- 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

national survey of student engagement

NSSE 2015 Frequencies and Statistical Comparisons

NSSEville State University

Seniors

1

Frequency Distributions<sup>a</sup>

Statistical Comparisons<sup>b</sup>

Your seniors compared with

NSSEville State

GLC Peers

Private Master's S

NSSE 2014 & 2015

NSSEville State

GLC Peers

Private Master's S

NSSE 2014 & 2015

Item wording or description

Variable name<sup>c</sup>

Values<sup>a</sup>

Response options

Count

%

Count

%

Count

%

Count

%

Mean

Mean

Effect size<sup>e</sup>

Mean

Effect size<sup>e</sup>

Mean

Effect size<sup>e</sup>

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.)

b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)

c. Evaluated what others have concluded from numerical information

QRconclude

QRproblem

QRevaluate

1

2

3

4

Total

1

2

3

4

Total

1

2

3

4

Total

3

0

155

20

212

33

280

46

630

100

82

13

267

42

164

26

113

19

626

100

25

4

56

9

384

63

150

24

615

100

778

5

1,666

11

9,147

57

4,267

27

15,858

100

134

5

262

10

1,586

57

851

29

2,833

100

12,543

6

28,134

13

128,802

56

58,873

26

228,352

100

3.3

2.5

3.1

3.0 \*\*\*

.27

3.0 \*\*\*

.35

2.9 \*\*\*

.43

2.5

2.6 \*

-.09

2.6

-.05

3.1

3.1

.02

3.1

-.04

3.0

.06

- 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.
- 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 2015 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
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	15	4	301	4	1,169	7	1,485	4	2.7	2.7	-.09	2.7	-.01	2.8 **	-0.13	
		2	Sometimes	183	44	2,885	40	6,567	40	13,343	38								
		3	Often	151	35	2,515	34	4,997	32	12,169	34								
		4	Very often	70	17	1,589	21	3,205	21	8,361	23								
		Total	419	100	7,290	100	15,938	100	35,358	100									
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	69	17	1,570	22	3,258	21	6,237	19	2.4	2.4	-.02	2.4	-.02	2.4 *	-0.09	
		2	Sometimes	177	41	2,518	34	5,831	36	12,227	35								
		3	Often	124	30	1,991	28	4,366	28	10,076	28								
		4	Very often	50	12	1,161	16	2,376	15	6,648	18								
		Total	420	100	7,240	100	15,831	100	35,188	100									
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	25	6	459	7	1,401	9	2,274	7	2.9	2.9	.00	2.8 **	.13	2.9	-0.01	
		2	Often	69	16	1,068	15	3,174	20	5,381	16								
		3	Sometimes	247	60	4,257	59	8,667	55	20,356	58								
		4	Never	76	18	1,437	19	2,524	16	7,025	20								
		Total	417	100	7,221	100	15,766	100	35,036	100									
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	156	38	2,552	36	6,114	39	13,160	38	1.8	1.9	-.09	1.9	-.05	1.9	-0.08	
		2	Sometimes	192	45	3,078	43	6,152	39	13,763	39								
		3	Often	49	13	1,087	15	2,267	14	5,087	14								
		4	Very often	20	5	462	7	1,151	7	2,826	8								
		Total	417	100	7,179	100	15,684	100	34,836	100									
e. Asked another student to help you understand course material	CLaskhelp	1	Never	20	5	391	6	1,116	7	2,194	7	2.7	2.8	-.04	2.7	.05	2.7	.03	
		2	Sometimes	150	36	2,426	35	5,910	38	13,109	38								
		3	Often	170	41	2,726	38	5,409	35	12,197	35								
		4	Very often	73	18	1,602	22	3,187	20	7,217	20								
		Total	413	100	7,145	100	15,622	100	34,717	100									
f. Explained course material to one or more students	CLexplain	1	Never	10	2	180	3	518	3	1,078	3	2.7	2.8 *	-.12	2.8	-.07	2.8	-0.09	
		2	Sometimes	162	39	2,366	34	5,564	36	12,150	35								
		3	Often	176	43	2,892	41	6,204	40	13,681	40								
		4	Very often	65	16	1,546	22	3,142	21	7,282	22								
		Total	413	100	6,984	100	15,428	100	34,191	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

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

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# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

Your first-year students compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	14	4	439	7	898	6	1,713	5	2.8	2.7 *	.10	2.7	.07	2.8	.03	
		2	Sometimes	130	32	2,344	35	5,030	34	10,915	34								
		3	Often	190	48	2,631	40	6,139	42	13,533	41								
		4	Very often	63	17	1,160	18	2,661	18	6,373	20								
		Total	397	100	6,574	100	14,728	100	32,534	100									
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	10	3	263	4	612	4	1,160	4	2.7	2.8	-.09	2.8 *	-.11	2.9 **	-.14	
		2	Sometimes	140	36	2,126	32	4,508	31	9,913	31								
		3	Often	180	46	2,693	41	6,329	43	13,740	42								
		4	Very often	65	16	1,479	23	3,277	22	7,721	24								
		Total	395	100	6,561	100	14,726	100	32,534	100									
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	8	2	230	4	423	3	967	3	2.8	2.8	.02	2.9	-.06	2.8	-.03	
		2	Sometimes	125	33	2,194	34	4,398	31	10,257	32								
		3	Often	189	48	2,727	42	6,398	43	13,742	42								
		4	Very often	73	18	1,387	21	3,464	23	7,455	22								
		Total	395	100	6,538	100	14,683	100	32,421	100									
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	3	1	99	2	212	2	468	2	3.0	3.1	-.05	3.1	-.08	3.1	-.05	
		2	Sometimes	85	22	1,428	22	3,002	21	6,971	22								
		3	Often	199	51	2,925	45	6,629	45	14,506	45								
		4	Very often	103	26	2,059	31	4,791	32	10,311	32								
		Total	390	100	6,511	100	14,634	100	32,256	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	44	11	1,354	21	4,727	31	7,301	23	2.4	2.2 ***	.21	2.0 ***	.40	2.2 ***	.24	
		2	Sometimes	198	51	3,148	49	6,254	43	15,068	46								
		3	Often	104	26	1,404	21	2,610	18	6,845	21								
		4	Very often	48	12	606	9	1,120	8	3,138	9								
		Total	394	100	6,512	100	14,711	100	32,352	100									
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	181	45	3,386	52	8,159	55	16,843	52	1.9	1.7 **	.16	1.7 ***	.20	1.7 **	.15	
		2	Sometimes	134	33	1,980	31	4,086	28	9,478	29								
		3	Often	51	14	756	12	1,661	12	3,944	12								
		4	Very often	29	8	368	6	748	5	1,974	6								
		Total	395	100	6,490	100	14,654	100	32,239	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

Your first-year students compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	109	27	2,127	33	5,336	36	10,566	33	2.0	2.0	.09	1.9 **	.13	2.0	.07	
		2	Sometimes	186	48	2,916	45	6,043	42	13,928	43								
		3	Often	78	20	1,016	16	2,397	16	5,415	17								
		4	Very often	20	5	422	7	875	6	2,272	7								
		Total	393	100	6,481	100	14,651	100	32,181	100									
d. Discussed your academic performance with a faculty member	SFperform	1	Never	69	18	1,890	28	5,339	36	8,746	28	2.2	2.0 ***	.21	1.9 ***	.31	2.0 **	.16	
		2	Sometimes	207	53	3,087	48	6,185	43	15,231	47								
		3	Often	87	22	1,067	17	2,209	15	5,723	18								
		4	Very often	30	8	419	7	859	6	2,381	7								
		Total	393	100	6,463	100	14,592	100	32,081	100									
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	9	2	185	3	487	3	941	3	3.0	3.0	.02	3.0	-.02	3.0	.00	
		2	Some	92	24	1,527	24	3,183	22	7,220	23								
		3	Quite a bit	170	44	2,853	44	6,258	43	13,869	43								
		4	Very much	118	30	1,907	29	4,721	32	10,175	31								
		Total	389	100	6,472	100	14,649	100	32,205	100									
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	14	4	194	3	506	4	952	3	2.9	3.1 ***	-.25	3.0 ***	-.20	3.0 ***	-.22	
		2	Some	108	27	1,261	20	3,167	22	6,882	22								
		3	Quite a bit	178	48	2,884	45	6,274	43	14,027	44								
		4	Very much	84	21	2,112	32	4,630	31	10,208	32								
		Total	384	100	6,451	100	14,577	100	32,069	100									
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	15	4	270	4	547	4	1,130	4	2.8	3.0 **	-.17	3.0 ***	-.21	3.0 ***	-.22	
		2	Some	109	29	1,592	25	3,405	24	7,373	24								
		3	Quite a bit	190	50	2,684	42	6,084	42	13,563	42								
		4	Very much	70	18	1,868	29	4,485	30	9,881	30								
		Total	384	100	6,414	100	14,521	100	31,947	100									
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	12	3	431	7	935	7	1,575	5	2.8	2.8	.05	2.8	-.03	2.9	-.08	
		2	Some	111	30	1,998	32	4,062	28	8,483	28								
		3	Quite a bit	191	50	2,580	40	5,896	40	13,443	41								
		4	Very much	67	17	1,409	21	3,638	24	8,453	25								
		Total	381	100	6,418	100	14,531	100	31,954	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

Your first-year students compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	17	4	401	6	973	7	1,707	6	2.8	2.8	.02	2.8	-.03	2.9	-.06	
		2	Some	105	29	1,926	30	3,986	28	8,622	28								
		3	Quite a bit	183	47	2,607	41	5,890	41	13,172	41								
		4	Very much	74	19	1,454	22	3,630	25	8,320	25								
		Total	379	100	6,388	100	14,479	100	31,821	100									
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	8	2	104	2	301	2	528	2	2.9	3.1 *** ▽	-.27	3.1 *** ▽	-.20	3.1 *** ▽	-.28	
		2	Some	97	26	1,094	17	2,874	20	5,670	18								
		3	Quite a bit	191	49	3,123	49	6,882	47	14,873	46								
		4	Very much	86	22	2,138	33	4,577	31	11,042	34								
		Total	382	100	6,459	100	14,634	100	32,113	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	12	3	117	2	293	2	636	2	3.0	3.1 *** ▽	-.21	3.1 * ▽	-.13	3.1 *** ▽	-.18	
		2	Some	82	22	1,067	17	2,853	20	5,953	18								
		3	Quite a bit	195	52	3,196	50	7,176	49	15,250	48								
		4	Very much	91	23	2,065	31	4,287	29	10,196	32								
		Total	380	100	6,445	100	14,609	100	32,035	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	14	3	148	2	383	3	797	3	3.0	3.1 *** ▽	-.19	3.1 * ▽	-.13	3.1 ** ▽	-.16	
		2	Some	87	24	1,232	19	2,993	21	6,439	20								
		3	Quite a bit	171	46	2,758	43	6,345	44	13,574	42								
		4	Very much	108	27	2,289	35	4,832	33	11,137	35								
		Total	380	100	6,427	100	14,553	100	31,947	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	25	6	715	11	1,986	13	2,857	10	2.8	2.7 * △	.10	2.6 *** △	.18	2.7	.02	
		2	Some	116	31	2,145	33	5,056	35	9,823	31								
		3	Quite a bit	162	44	2,169	34	4,713	33	11,461	35								
		4	Very much	76	19	1,390	22	2,797	19	7,815	24								
		Total	379	100	6,419	100	14,552	100	31,956	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	37	10	662	10	1,845	12	3,165	10	2.5	2.6	-.10	2.5	.00	2.7 ** ▽	-.13	
		2	Some	151	39	2,201	34	5,315	37	10,680	34								
		3	Quite a bit	137	38	2,371	37	4,973	34	11,562	36								
		4	Very much	54	13	1,175	19	2,383	16	6,396	20								
		Total	379	100	6,409	100	14,516	100	31,803	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.



# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

Your first-year students compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
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	36	8	739	11	2,261	14	3,856	11	2.6	2.6	-.02	2.5	.09	2.6	-.01	
		2	Sometimes	151	37	2,215	34	5,146	35	10,898	33								
		3	Often	141	39	2,272	36	4,829	34	11,281	36								
		4	Very often	56	16	1,223	20	2,388	17	6,048	20								
		Total	384	100	6,449	100	14,624	100	32,083	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	72	18	1,353	21	3,542	24	6,678	21	2.4	2.3	.06	2.2 *	.12	2.3	.03	
		2	Sometimes	164	40	2,650	41	5,787	40	12,589	39								
		3	Often	110	32	1,650	26	3,656	25	8,639	27								
		4	Very often	39	11	778	13	1,607	12	4,108	13								
		Total	385	100	6,431	100	14,592	100	32,014	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	68	16	1,170	18	3,103	21	5,979	18	2.3	2.3	-.03	2.3	.02	2.4	-.05	
		2	Sometimes	181	46	2,725	42	5,984	41	12,958	41								
		3	Often	105	29	1,777	28	3,941	27	9,092	29								
		4	Very often	31	9	735	12	1,520	11	3,877	12								
		Total	385	100	6,407	100	14,548	100	31,906	100									
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum  (Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	2	0	306	5	645	5	1,358	5	8.6	6.0 ***	.50	6.8 ***	.32	6.5 ***	.38	
		1.5	1-2	43	11	1,302	22	2,768	20	5,760	20								
		4	3-5	97	29	1,963	34	4,104	31	9,727	33								
		8	6-10	109	29	1,372	23	3,316	25	7,403	25								
		13	11-15	60	17	496	8	1,415	10	2,945	10								
		18	16-20	24	6	198	3	633	4	1,259	4								
		23	More than 20	24	7	203	3	636	5	1,290	4								
		Total	359	100	5,840	100	13,517	100	29,742	100									
b. Between 6 and 10 pages	wrmednum  (Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	42	11	2,074	37	4,141	33	9,122	33	3.1	1.8 ***	.51	2.3 ***	.26	2.1 ***	.36	
		1.5	1-2	170	47	2,403	42	5,245	39	12,303	42								
		4	3-5	104	30	893	16	2,543	19	5,326	17								
		8	6-10	25	7	230	4	887	6	1,607	5								
		13	11-15	11	4	49	1	230	2	380	1								
		18	16-20	4	1	13	0	91	1	109	0								
		23	More than 20	0	0	18	0	60	0	115	0								
		Total	356	100	5,680	100	13,197	100	28,962	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

Your first-year students compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. 11 pages or more	wrlongnum	0	None	227	67	4,316	78	9,476	75	21,159	76	1.1	.6 ** ▲	.18	.9	.06	.8 *	.11	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	91	25	944	17	2,133	17	5,119	18								
	4	3-5	8	2	130	2	518	4	866	3									
	8	6-10	10	3	57	1	254	2	462	2									
	13	11-15	5	2	32	1	110	1	192	1									
	18	16-20	1	0	11	0	50	0	84	0									
	23	More than 20	0	0	20	0	93	1	117	0									
	Total	342	100	5,510	100	12,634	100	27,999	100										
Estimated number of assigned pages of student writing.	wrpages											66.5	40.6 *** ▲	.50	49.7 *** ▲	.27	45.9 *** ▲	.36	
(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																			
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	11	3	193	3	445	3	941	3	3.1	3.1	-.09	3.2 *** ▼	-.19	3.2 *** ▼	-.19	
	2	Sometimes	90	24	1,370	23	2,775	20	5,670	19									
	3	Often	129	37	1,810	31	3,976	29	8,851	29									
	4	Very often	134	36	2,524	43	6,644	48	14,675	48									
	Total	364	100	5,897	100	13,840	100	30,137	100										
b. People from an economic background other than your own	DDeconomic	1	Never	14	4	181	3	526	4	924	3	3.0	3.1 * ▼	-.13	3.1 ** ▼	-.14	3.2 *** ▼	-.19	
	2	Sometimes	91	25	1,292	22	3,018	22	5,870	20									
	3	Often	136	38	2,080	35	4,546	33	9,973	34									
	4	Very often	122	33	2,326	40	5,724	42	13,294	43									
	Total	363	100	5,879	100	13,814	100	30,061	100										
c. People with religious beliefs other than your own	DDreligion	1	Never	15	4	240	4	603	4	1,205	4	3.0	3.1 * ▼	-.12	3.1 *** ▼	-.19	3.2 *** ▼	-.20	
	2	Sometimes	90	26	1,384	24	2,910	21	6,121	21									
	3	Often	143	39	1,854	32	4,127	30	9,024	30									
	4	Very often	116	31	2,388	40	6,144	44	13,657	45									
	Total	364	100	5,866	100	13,784	100	30,007	100										
d. People with political views other than your own	DDpolitical	1	Never	25	6	270	5	842	6	1,501	5	2.9	3.1 ** ▼	-.17	3.0	-.09	3.1 *** ▼	-.18	
	2	Sometimes	90	25	1,310	22	3,476	25	6,662	22									
	3	Often	139	38	1,942	34	4,284	31	9,314	31									
	4	Very often	108	30	2,318	39	5,121	38	12,388	41									
	Total	362	100	5,840	100	13,723	100	29,865	100										

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

Your first-year students compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	5	1	112	2	228	2	487	2	<b>3.0</b>	3.1 ** ▽	-.14	3.1 *** ▽	-.20	3.1 *** ▽	-.20	
		2	Sometimes	80	23	1,169	21	2,459	18	5,243	18								
		3	Often	188	52	2,487	43	5,996	44	12,944	44								
		4	Very often	91	24	2,073	34	5,080	36	11,261	36								
		Total	364	100	5,841	100	13,763	100	29,935	100									
b. Reviewed your notes after class	LSnotes	1	Never	22	5	307	5	974	7	1,451	5	<b>2.8</b>	2.9	-.09	2.8	.01	2.9 * ▽	-.12	
		2	Sometimes	126	35	1,851	32	4,802	35	9,056	31								
		3	Often	123	35	1,925	33	4,314	32	9,987	33								
		4	Very often	91	24	1,750	29	3,640	27	9,342	30								
		Total	362	100	5,833	100	13,730	100	29,836	100									
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	40	10	421	7	978	7	1,879	7	<b>2.6</b>	2.8 *** ▽	-.22	2.8 *** ▽	-.23	2.8 *** ▽	-.28	
		2	Sometimes	140	38	1,881	33	4,459	33	8,957	31								
		3	Often	119	35	2,041	36	4,673	35	10,592	36								
		4	Very often	60	16	1,434	24	3,475	25	8,083	27								
		Total	359	100	5,777	100	13,585	100	29,511	100									
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																			
challenge		1	Not at all	2	1	19	0	67	1	112	0	<b>5.3</b>	5.6 *** ▽	-.21	5.5 * ▽	-.12	5.5 ** ▽	-.15	
		2		1	0	48	1	139	1	261	1								
		3		17	5	140	3	442	3	805	3								
		4		40	11	531	9	1,447	11	2,994	10								
		5		137	38	1,778	31	4,352	32	9,804	33								
		6		110	31	2,004	34	4,472	32	9,739	32								
		7	Very much	54	14	1,291	21	2,824	20	6,134	20								
		Total	361	100	5,811	100	13,743	100	29,849	100									
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern  (Means indicate the percentage who responded "Done or in progress.")	Have not decided	42	11	422	7	1,354	10	2,165	8	<b>9%</b>	9%	.00	9%	-.01	10%	-.03		
		Do not plan to do	15	4	145	3	541	4	788	3									
		Plan to do	275	76	4,761	81	10,625	77	23,965	80									
		Done or in progress	31	9	487	9	1,209	9	2,944	10									
		Total	363	100	5,815	100	13,729	100	29,862	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

Your first-year students compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	92	25	1,337	23	3,357	25	7,224	25	14%	15%	-.03	13%	.01	13%	.01	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	78	22	795	14	2,586	19	5,223	19									
	Plan to do	142	39	2,816	48	5,939	43	13,285	43										
	Done or in progress	49	14	846	15	1,804	13	4,026	13										
	Total	361	100	5,794	100	13,686	100	29,758	100										
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom		Have not decided	102	28	1,316	23	3,590	26	7,776	27	15%	20% *	-0.13	17%	-0.05	18%	-0.09	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	110	31	2,186	39	4,268	32	8,954	31									
	Plan to do	94	26	1,066	18	3,452	25	7,390	24										
	Done or in progress	52	15	1,219	20	2,357	17	5,574	18										
	Total	358	100	5,787	100	13,667	100	29,694	100										
d. Participate in a study abroad program	abroad		Have not decided	92	27	1,411	25	3,270	24	7,080	25	3%	4%	-0.08	4%	-0.07	4%	-0.10	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	91	26	1,139	21	2,598	20	5,758	21									
	Plan to do	169	44	3,004	50	7,256	51	15,573	50										
	Done or in progress	9	3	222	4	535	4	1,271	4										
	Total	361	100	5,776	100	13,659	100	29,682	100										
e. Work with a faculty member on a research project	research		Have not decided	127	34	1,937	34	4,413	32	10,012	34	6%	7%	-0.02	6%	.01	6%	-0.01	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	92	24	1,123	20	2,472	18	5,838	20									
	Plan to do	121	36	2,321	40	5,954	44	11,936	40										
	Done or in progress	22	6	380	7	755	6	1,811	6										
	Total	362	100	5,761	100	13,594	100	29,597	100										
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	83	22	1,992	35	4,711	34	9,439	32	4%	2%	.07	3%	.03	3%	.03	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	24	7	555	10	1,580	11	2,880	10									
	Plan to do	238	68	3,081	53	6,900	52	16,383	55										
	Done or in progress	12	4	125	2	399	3	873	3										
	Total	357	100	5,753	100	13,590	100	29,575	100										

### 12. About how many of your courses at this institution have included a community-based project (service-learning)?

servcourse	1	None	178	50	3,403	60	7,940	60	16,514	56	<b>1.6</b>	1.5 ***	.28	1.5 ***	.26	1.5 **	.19
	2	Some	150	41	2,091	36	4,850	35	11,318	39							
	3	Most	23	6	195	3	638	5	1,286	5							
	4	All	9	3	41	1	101	1	250	1							
	Total		360	100	5,730	100	13,529	100	29,368	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

Your first-year students compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	6	2	38	1	213	2	376	1	5.4	5.7 *** ▽	-.27	5.5	-.08	5.6 ** ▽	-.15	
		2		7	2	83	2	300	2	530	2								
		3		16	5	198	3	694	5	1,252	4								
		4		49	14	479	8	1,449	10	2,933	10								
		5		100	28	1,308	22	3,407	25	6,971	23								
		6		101	27	1,849	32	4,125	31	9,238	31								
		7	Excellent	82	23	1,821	31	3,482	25	8,423	28								
		—	Not applicable	0	0	21	0	47	0	106	0								
		Total		361	100	5,797	100	13,717	100	29,829	100								
b. Academic advisors	QIadvisor	1	Poor	8	2	177	3	719	5	1,130	4	5.3	5.3	.01	4.8 *** △	.25	5.1 * △	.12	
		2		15	4	283	5	795	6	1,637	5								
		3		27	7	414	7	1,269	9	2,528	8								
		4		51	15	796	13	1,981	14	4,343	14								
		5		80	23	1,168	20	2,796	20	6,249	21								
		6		81	22	1,308	23	2,714	20	6,399	22								
		7	Excellent	98	27	1,536	28	2,339	18	6,728	23								
		—	Not applicable	0	0	114	2	1,062	7	745	3								
		Total		360	100	5,796	100	13,675	100	29,759	100								
c. Faculty	QIfaculty	1	Poor	1	0	88	1	510	3	620	2	5.0	5.2 *** ▽	-.19	5.0	.02	5.1	-.09	
		2		16	4	178	3	657	5	1,074	4								
		3		34	10	338	6	1,040	8	2,058	7								
		4		67	18	805	14	2,087	16	4,599	15								
		5		97	26	1,581	27	3,642	27	7,924	27								
		6		100	28	1,698	29	3,458	26	8,106	28								
		7	Excellent	39	11	1,007	18	1,828	13	4,851	17								
		—	Not applicable	5	1	62	1	375	2	314	1								
		Total		359	100	5,757	100	13,597	100	29,546	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

Your first-year students compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	16	5	153	3	725	5	1,144	4	4.8	5.2 *** ▽	-.27	4.8	-.02	4.9	-.11	
		2		17	4	209	4	733	5	1,381	5								
		3		36	10	360	6	1,048	7	2,230	7								
		4		65	18	769	13	1,996	15	4,555	15								
		5		81	22	1,300	23	2,948	22	6,686	22								
		6		85	23	1,504	26	2,892	22	6,627	22								
		7	Excellent	41	12	1,107	19	1,759	13	4,750	16								
		—	Not applicable	19	5	366	6	1,513	11	2,285	8								
		Total	360	100	5,768	100	13,614	100	29,658	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	19	5	202	3	754	5	1,516	5	4.7	4.9 ** ▽	-.17	4.6	.02	4.7	-.02	
		2		21	6	273	5	859	6	1,777	6								
		3		46	12	415	7	1,247	9	2,676	9								
		4		55	15	808	14	2,152	16	4,900	16								
		5		75	21	1,231	22	2,850	21	6,380	21								
		6		74	21	1,195	21	2,608	19	5,538	19								
		7	Excellent	43	12	862	15	1,583	11	3,763	13								
		—	Not applicable	28	8	778	13	1,611	12	3,118	10								
		Total	361	100	5,764	100	13,664	100	29,668	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	4	1	49	1	152	1	363	1	3.1	3.3 *** ▽	-.24	3.3 *** ▽	-.19	3.2 * ▽	-.13	
		2	Some	57	17	604	12	1,750	14	4,064	15								
		3	Quite a bit	172	50	2,343	45	5,355	42	12,439	45								
		4	Very much	110	32	2,362	43	5,718	42	11,165	39								
		Total	343	100	5,358	100	12,975	100	28,031	100									
b. Providing support to help students succeed academically	SEacademic	1	Very little	9	3	143	3	549	4	791	3	3.0	3.2 *** ▽	-.21	3.0	.01	3.1 ** ▽	-.15	
		2	Some	82	25	912	18	2,983	23	5,162	19								
		3	Quite a bit	151	44	2,166	41	5,561	43	11,806	42								
		4	Very much	98	29	2,108	39	3,803	29	10,110	36								
		Total	340	100	5,329	100	12,896	100	27,869	100									
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	13	4	225	4	719	6	1,229	5	3.0	3.2 * ▽	-.14	3.0	.07	3.1	-.10	
		2	Some	68	21	873	17	2,875	22	4,771	17								
		3	Quite a bit	145	43	1,967	37	5,168	41	10,647	39								
		4	Very much	112	33	2,264	42	4,115	32	11,204	39								
		Total	338	100	5,329	100	12,877	100	27,851	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH		
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	54	16	517	10	1,728	13	2,782	10	2.5	2.8 *** ▽	-.29	2.7 ** ▽	-.18	2.8 *** ▽	-.30		
		2	Some	118	34	1,569	30	4,048	31	7,824	28									
		3	Quite a bit	116	35	1,773	33	4,189	33	9,609	34									
		4	Very much	51	15	1,470	27	2,935	23	7,679	27									
		Total	339	100	5,329	100	12,900	100	27,894	100										
e. Providing opportunities to be involved socially	SEsocial	1	Very little	14	4	144	3	794	6	1,055	4	2.9	3.2 *** ▽	-.31	3.0	-.07	3.1 *** ▽	-.22		
		2	Some	88	27	952	18	3,012	23	5,385	20									
		3	Quite a bit	148	43	2,063	39	5,147	41	10,970	40									
		4	Very much	90	25	2,168	40	3,943	31	10,470	36									
		Total	340	100	5,327	100	12,896	100	27,880	100										
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	16	4	174	3	894	7	1,199	5	2.9	3.2 *** ▽	-.34	2.9	-.04	3.1 *** ▽	-.20		
		2	Some	95	28	878	17	3,097	24	5,276	19									
		3	Quite a bit	138	41	2,020	38	5,050	40	10,898	39									
		4	Very much	91	27	2,230	41	3,824	30	10,409	36									
		Total	340	100	5,302	100	12,865	100	27,782	100										
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	75	21	943	18	3,130	24	5,239	20	2.3	2.4	-.11	2.3	.03	2.4	-.09		
		2	Some	134	39	2,005	38	4,792	37	9,972	36									
		3	Quite a bit	90	28	1,505	28	3,317	26	7,996	28									
		4	Very much	40	12	838	16	1,605	13	4,549	16									
		Total	339	100	5,291	100	12,844	100	27,756	100										
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	20	6	187	4	1,070	8	1,356	5	2.8	3.1 *** ▽	-.35	2.9	-.08	3.0 *** ▽	-.26		
		2	Some	100	31	1,070	20	3,397	26	6,004	22									
		3	Quite a bit	144	42	2,108	40	4,905	39	10,953	40									
		4	Very much	76	21	1,916	36	3,433	27	9,388	33									
		Total	340	100	5,281	100	12,805	100	27,701	100										
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	41	12	571	11	1,786	14	3,230	12	2.5	2.6 * ▽	-.13	2.5	-.03	2.6	-.11		
		2	Some	134	40	1,817	35	4,540	35	9,275	34									
		3	Quite a bit	111	33	1,793	34	4,276	34	9,447	34									
		4	Very much	54	15	1,092	20	2,170	17	5,681	20									
		Total	340	100	5,273	100	12,772	100	27,633	100										

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

Your first-year students compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
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)	tmpprehrs	0	0 hrs	1	0	23	1	57	1	151	1	14.9	16.0 *	-12	16.0 *	-12	15.2	-.03	
	(Recoded version of tmpprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	41	12	462	9	1,298	10	3,035	11								
		8	6-10 hrs	72	20	1,048	20	2,511	20	6,066	22								
		13	11-15 hrs	78	24	1,135	22	2,646	21	6,127	22								
		18	16-20 hrs	75	23	1,081	20	2,457	19	5,255	19								
		23	21-25 hrs	30	9	698	13	1,722	13	3,356	12								
		28	26-30 hrs	24	7	414	7	1,003	7	1,864	7								
		33	More than 30 hrs	20	6	455	8	1,199	9	1,987	7								
		Total		341	100	5,316	100	12,893	100	27,841	100								
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	86	24	892	18	3,708	28	6,958	26	6.5	6.7	-.03	5.5 *	.15	5.9	.08	
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	117	34	2,095	38	4,735	37	10,063	35								
		8	6-10 hrs	69	20	1,162	22	2,284	19	5,334	19								
		13	11-15 hrs	32	9	620	12	1,048	8	2,691	10								
		18	16-20 hrs	18	7	287	6	581	5	1,448	5								
		23	21-25 hrs	10	3	124	2	227	2	645	2								
		28	26-30 hrs	2	1	47	1	110	1	238	1								
		33	More than 30 hrs	5	2	57	1	114	1	332	1								
		Total		339	100	5,284	100	12,807	100	27,709	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	275	80	4,149	79	10,416	80	21,871	79	2.3	2.4	-.02	2.2	.01	2.4	-.02	
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	17	5	181	3	464	4	988	3								
		8	6-10 hrs	17	5	469	8	898	8	2,190	7								
		13	11-15 hrs	15	5	307	6	606	5	1,477	5								
		18	16-20 hrs	10	4	131	3	293	3	824	3								
		23	21-25 hrs	4	1	47	1	104	1	266	1								
		28	26-30 hrs	0	0	14	0	39	0	79	0								
		33	More than 30 hrs	1	0	15	0	41	0	104	0								
		Total		339	100	5,313	100	12,861	100	27,799	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.



# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

Your first-year students compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	268	77	4,475	85	10,091	79	21,489	77	3.6	1.8 *** ▲	.32	2.5 * ▲	.17	3.2	.06	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	12	3	232	4	647	5	1,267	5								
	8	6-10 hrs	10	3	193	4	686	5	1,284	5									
	13	11-15 hrs	14	4	149	3	542	4	1,176	4									
	18	16-20 hrs	17	6	108	2	439	3	1,107	4									
	23	21-25 hrs	8	2	54	1	201	2	663	2									
	28	26-30 hrs	5	1	31	1	100	1	351	1									
	33	More than 30 hrs	7	2	32	1	96	1	320	1									
	Total		341	100	5,274	100	12,802	100	27,657	100									
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											5.9	4.1 ** ▲	.22	4.7 * ▲	.14	5.5	.04	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	168	51	2,754	53	7,398	59	15,292	57								
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	128	37	2,041	38	3,923	30	9,043	32								
	8	6-10 hrs	20	6	273	5	743	6	1,662	6									
	13	11-15 hrs	9	3	100	2	285	2	706	3									
	18	16-20 hrs	7	2	45	1	191	2	421	2									
	23	21-25 hrs	2	1	25	1	84	1	194	1									
	28	26-30 hrs	0	0	6	0	28	0	67	0									
	33	More than 30 hrs	1	0	6	0	38	0	73	0									
	Total		335	100	5,250	100	12,690	100	27,458	100									
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	6	2	44	1	148	1	311	1	12.0	13.2 * ▼	-.15	13.1 * ▼	-.14	13.3 ** ▼	-.15	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	67	18	864	16	2,206	17	4,472	17								
	8	6-10 hrs	103	28	1,452	27	3,584	28	7,536	27									
	13	11-15 hrs	76	23	1,228	23	2,731	22	6,100	22									
	18	16-20 hrs	46	15	802	15	1,897	15	4,113	15									
	23	21-25 hrs	26	8	412	8	969	8	2,214	8									
	28	26-30 hrs	7	2	162	3	429	3	989	4									
	33	More than 30 hrs	11	3	297	6	749	6	1,815	7									
	Total		342	100	5,261	100	12,713	100	27,550	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

Your first-year students compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	269	78	4,684	89	9,853	79	22,733	82	2.3	1.1 *** ▲	.30	1.8	.11	1.7	.12	
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	35	11	278	5	1,452	11	2,251	9								
	8	6-10 hrs	8	2	118	2	595	4	1,036	4									
	13	11-15 hrs	8	3	76	2	339	2	616	2									
	18	16-20 hrs	10	4	45	1	258	2	426	2									
	23	21-25 hrs	3	1	29	1	83	1	202	1									
	28	26-30 hrs	1	0	11	0	50	0	102	0									
	33	More than 30 hrs	6	1	20	0	90	1	182	1									
	Total		340	100	5,261	100	12,720	100	27,548	100									
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	79	24	2,117	39	3,676	30	10,500	37	4.7	3.2 *** ▲	.33	4.6	.02	3.8 ** ▲	.17	
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	183	52	2,337	45	5,237	42	11,180	41								
	8	6-10 hrs	42	12	537	10	2,159	16	3,649	13									
	13	11-15 hrs	18	5	155	3	974	7	1,231	5									
	18	16-20 hrs	11	4	64	1	429	3	547	2									
	23	21-25 hrs	2	1	38	1	183	1	251	1									
	28	26-30 hrs	0	0	11	0	62	0	112	0									
	33	More than 30 hrs	6	2	19	0	80	1	175	1									
	Total		341	100	5,278	100	12,800	100	27,645	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	62	18	810	17	1,317	11	3,531	14	2.5	2.6	-.01	2.9 *** ▼	-.29	2.7 * ▼	-.11		
	2	Some	116	35	1,897	37	3,595	30	9,442	35									
	3	About half	85	25	1,336	25	3,538	28	7,669	28									
	4	Most	63	18	874	16	2,918	22	4,967	17									
	5	Almost all	14	4	338	6	1,339	9	1,886	6									
	Total		340	100	5,255	100	12,707	100	27,495	100									
tmreadinghrs												6.0	6.6 * ▼	-.11	7.7 *** ▼	-.27	6.6	-.10	
(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																			

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

Your first-year students compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
	tmreadinghrscol	1	0 hrs	1	0	20	0	52	0	132	1								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	183	54	2,585	52	5,177	43	13,438	51								
		3	More than 5, up to 10 hrs	100	30	1,513	28	3,901	30	8,233	30								
		4	More than 10, up to 15 hrs	33	10	503	9	1,565	12	2,753	9								
		5	More than 15, up to 20 hrs	9	2	317	5	970	7	1,500	5								
		6	More than 20, up to 25 hrs	9	2	220	4	697	5	928	3								
		7	More than 25 hrs	3	1	71	1	296	2	370	1								
		Total	338	100	5,229	100	12,658	100	27,354	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	24	7	613	12	1,434	12	2,652	10	2.8	2.7 *	.12	2.7	.09	2.7	.03	
	2	Some	92	27	1,644	31	3,777	29	7,565	28									
	3	Quite a bit	157	48	1,933	36	4,910	38	10,877	39									
	4	Very much	67	18	1,112	21	2,728	21	6,651	23									
	Total	340	100	5,302	100	12,849	100	27,745	100										
b. Speaking clearly and effectively	pgspeak	1	Very little	52	15	852	16	2,389	19	4,008	15	2.5	2.5	.04	2.5	.08	2.6	-.02	
	2	Some	109	32	1,840	35	4,205	33	8,953	33									
	3	Quite a bit	123	37	1,655	31	4,045	32	9,377	34									
	4	Very much	55	16	933	17	2,158	16	5,304	18									
	Total	339	100	5,280	100	12,797	100	27,642	100										
c. Thinking critically and analytically	pgthink	1	Very little	11	4	162	3	483	4	1,021	4	3.0	3.1 *	-.12	3.0	-.05	3.1	-.06	
	2	Some	74	20	957	19	2,502	20	5,500	20									
	3	Quite a bit	159	48	2,252	42	5,474	43	11,875	43									
	4	Very much	96	28	1,914	36	4,351	33	9,247	33									
	Total	340	100	5,285	100	12,810	100	27,643	100										
d. Analyzing numerical and statistical information	pganalyze	1	Very little	44	12	604	11	2,109	16	3,497	12	2.6	2.7	-.09	2.6	.04	2.7	-.05	
	2	Some	110	32	1,532	29	3,878	30	8,249	30									
	3	Quite a bit	123	37	1,812	34	4,112	33	9,611	35									
	4	Very much	60	19	1,324	25	2,680	21	6,279	23									
	Total	337	100	5,272	100	12,779	100	27,636	100										

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Acquiring job- or work- related knowledge and skills	pgwork	1	Very little	57	16	561	11	2,456	18	3,852	14	2.5	2.7 ** ▽	-.18	2.5	.04	2.6	-.09	
		2	Some	119	35	1,731	32	4,359	34	8,948	33								
		3	Quite a bit	105	32	1,842	35	3,773	30	9,146	33								
		4	Very much	55	17	1,147	21	2,217	17	5,697	20								
		Total	336	100	5,281	100	12,805	100	27,643	100									
f. Working effectively with others	pgothers	1	Very little	26	8	356	7	1,497	11	2,099	8	2.7	2.8	-.11	2.7	.07	2.8	-.08	
		2	Some	104	31	1,491	29	4,019	32	7,895	29								
		3	Quite a bit	142	42	2,078	39	4,632	37	10,794	39								
		4	Very much	66	19	1,348	25	2,623	20	6,801	24								
		Total	338	100	5,273	100	12,771	100	27,589	100									
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	57	17	754	15	2,141	17	3,837	15	2.5	2.6 * ▽	-.14	2.5	-.06	2.6 *	-.14	
		2	Some	114	33	1,573	30	3,978	31	8,080	30								
		3	Quite a bit	118	35	1,781	34	4,190	33	9,507	34								
		4	Very much	51	15	1,169	21	2,478	19	6,184	21								
		Total	340	100	5,277	100	12,787	100	27,608	100									
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	40	12	645	13	1,685	13	2,927	11	2.6	2.6	-.02	2.7	-.05	2.7	-.11	
		2	Some	106	30	1,649	32	3,747	29	7,899	29								
		3	Quite a bit	133	41	1,779	33	4,379	34	9,898	35								
		4	Very much	60	17	1,208	22	2,993	23	6,913	24								
		Total	339	100	5,281	100	12,804	100	27,637	100									
i. Solving complex real- world problems	pgprobsolve	1	Very little	41	11	563	11	1,859	14	3,372	13	2.5	2.6	-.10	2.5	.00	2.6	-.07	
		2	Some	128	38	1,772	34	4,400	35	9,039	33								
		3	Quite a bit	118	35	1,819	34	4,183	33	9,603	34								
		4	Very much	50	16	1,118	21	2,352	18	5,586	20								
		Total	337	100	5,272	100	12,794	100	27,600	100									
j. Being an informed and active citizen	pgcitizen	1	Very little	52	15	688	14	2,033	16	3,727	14	2.5	2.6 * ▽	-.12	2.5	-.07	2.6 *	-.12	
		2	Some	118	36	1,773	34	4,222	34	9,000	33								
		3	Quite a bit	121	36	1,763	33	4,129	32	9,272	33								
		4	Very much	44	13	1,022	19	2,346	18	5,491	19								
		Total	335	100	5,246	100	12,730	100	27,490	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>18. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	4	1	57	1	315	2	398	2	3.1	3.4 *** ▼	-.37	3.1	-.03	3.2 ** ▼	-.16	
		2	Fair	45	13	397	8	1,883	14	2,989	11								
		3	Good	196	58	2,293	44	6,427	50	13,651	49								
		4	Excellent	95	28	2,553	47	4,230	33	10,747	38								
		Total		340	100	5,300	100	12,855	100	27,785	100								
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																			
	sameinst	1	Definitely no	12	4	77	2	398	3	741	3	3.2	3.4 *** ▼	-.28	3.2	.00	3.3	-.06	
		2	Probably no	40	12	430	8	1,594	12	3,071	11								
		3	Probably yes	143	42	1,813	35	5,453	43	11,321	41								
		4	Definitely yes	146	43	2,987	55	5,419	42	12,656	45								
		Total		341	100	5,307	100	12,864	100	27,789	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

Your seniors compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
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	14	2	328	3	685	4	1,595	4	3.1	2.9 *** ▲	.13	2.9 *** ▲	.16	3.0 * ▲	.09	
		2	Sometimes	246	29	3,294	31	5,325	32	13,922	30								
		3	Often	266	31	3,492	33	5,019	31	15,167	32								
		4	Very often	338	38	3,510	32	5,220	32	16,777	35								
		Total	864	100	10,624	100	16,249	100	47,461	100									
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	158	19	2,844	27	4,441	27	11,939	26	2.4	2.2 *** ▲	.22	2.2 *** ▲	.20	2.3 *** ▲	.15	
		2	Sometimes	324	37	3,969	38	5,851	36	17,034	36								
		3	Often	227	26	2,326	22	3,546	22	10,926	23								
		4	Very often	161	18	1,414	13	2,317	14	7,300	15								
		Total	870	100	10,553	100	16,155	100	47,199	100									
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	56	7	869	8	1,737	11	3,935	8	2.9	2.8 ** ▲	.11	2.7 *** ▲	.27	2.8 ** ▲	.11	
		2	Often	143	17	1,931	18	3,707	23	8,568	19								
		3	Sometimes	469	55	5,916	56	8,572	53	25,924	55								
		4	Never	193	22	1,804	17	2,069	13	8,589	18								
		Total	861	100	10,520	100	16,085	100	47,016	100									
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	444	51	3,982	39	5,880	37	19,009	42	1.7	1.9 *** ▼	-.23	1.9 *** ▼	-.28	1.9 *** ▼	-.21	
		2	Sometimes	301	35	4,434	42	6,690	42	18,281	39								
		3	Often	81	9	1,334	13	2,173	13	5,809	12								
		4	Very often	36	4	692	6	1,262	8	3,689	8								
		Total	862	100	10,442	100	16,005	100	46,788	100									
e. Asked another student to help you understand course material	CLaskhelp	1	Never	115	13	873	9	1,860	12	5,104	12	2.5	2.6 *** ▼	-.13	2.5	.02	2.5	-.01	
		2	Sometimes	371	43	4,167	40	7,154	44	20,211	43								
		3	Often	235	27	3,413	33	4,584	29	13,679	29								
		4	Very often	143	17	1,969	18	2,386	15	7,702	16								
		Total	864	100	10,422	100	15,984	100	46,696	100									
f. Explained course material to one or more students	CLexplain	1	Never	48	5	278	3	648	4	1,808	4	2.8	2.9	-.04	2.8	.06	2.8	.03	
		2	Sometimes	289	33	3,343	33	5,872	36	16,120	35								
		3	Often	316	37	4,135	40	6,060	39	17,754	38								
		4	Very often	209	25	2,495	24	3,232	21	10,479	23								
		Total	862	100	10,251	100	15,812	100	46,161	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

Your seniors compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	154	17	1,254	12	2,414	15	6,719	15	2.6	2.6	-.07	2.5	.06	2.6	.02	
		2	Sometimes	288	33	3,524	34	5,859	37	16,325	36								
		3	Often	224	26	3,002	30	4,492	29	13,103	28								
		4	Very often	199	24	2,451	24	3,018	19	9,972	22								
		Total	865	100	10,231	100	15,783	100	46,119	100									
h. Worked with other students on course projects or assignments	CLproject	1	Never	40	4	389	4	1,151	7	2,632	6	3.0	3.0	.04	2.8 *** Δ	.23	2.9 *** Δ	.16	
		2	Sometimes	210	24	2,593	25	5,020	31	13,336	29								
		3	Often	304	35	3,632	36	5,127	33	15,640	34								
		4	Very often	311	37	3,591	35	4,451	29	14,377	31								
		Total	865	100	10,205	100	15,749	100	45,985	100									
i. Given a course presentation	present	1	Never	100	11	1,086	11	1,640	11	5,210	12	2.6	2.6	.03	2.6	.03	2.6	.03	
		2	Sometimes	315	37	3,719	37	5,972	38	16,393	36								
		3	Often	260	30	3,125	31	4,791	30	14,045	30								
		4	Very often	190	23	2,195	21	3,240	21	9,983	22								
		Total	865	100	10,125	100	15,643	100	45,631	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	16	2	180	2	430	3	1,195	3	3.1	3.0 *	.08	3.0 *** Δ	.17	3.0 ** Δ	.11	
		2	Sometimes	182	22	2,451	25	4,145	27	11,066	25								
		3	Often	339	40	3,970	40	6,239	41	17,880	40								
		4	Very often	309	37	3,311	33	4,541	30	14,794	33								
		Total	846	100	9,912	100	15,355	100	44,935	100									
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	42	6	692	8	1,031	7	3,059	8	2.8	2.8 *	.08	2.8	.06	2.8	.05	
		2	Sometimes	254	32	3,191	33	4,873	33	13,909	32								
		3	Often	303	35	3,430	35	5,371	35	15,651	35								
		4	Very often	240	27	2,498	25	3,908	25	11,843	26								
		Total	839	100	9,811	100	15,183	100	44,462	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	101	14	1,466	16	2,068	15	6,129	15	2.6	2.5 *** Δ	.13	2.5 * Δ	.08	2.6	.07	
		2	Sometimes	283	34	3,682	38	5,390	36	15,556	35								
		3	Often	249	29	2,682	27	4,507	29	12,999	29								
		4	Very often	211	23	1,961	19	3,184	20	9,739	21								
		Total	844	100	9,791	100	15,149	100	44,423	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

Your seniors compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	38	5	536	6	867	6	2,407	6	2.8	2.8 *	.08	2.8 *	.07	2.8	.04	
		2	Sometimes	248	30	3,253	33	5,004	33	13,974	32								
		3	Often	350	42	3,888	40	5,906	39	17,327	39								
		4	Very often	200	23	2,083	21	3,333	22	10,605	24								
		Total	836	100	9,760	100	15,110	100	44,313	100									
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	35	5	385	4	636	4	1,765	4	2.9	2.9	.03	2.9	.02	2.9	-.02	
		2	Sometimes	228	27	2,891	30	4,409	29	12,214	28								
		3	Often	354	42	3,980	40	6,118	40	17,883	40								
		4	Very often	222	26	2,482	25	3,902	26	12,319	28								
		Total	839	100	9,738	100	15,065	100	44,181	100									
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	19	3	189	2	294	2	1,009	3	2.9	2.9	.02	2.9	-.02	2.9	-.01	
		2	Sometimes	228	28	2,925	31	4,236	29	12,398	29								
		3	Often	369	44	4,040	41	6,358	42	18,373	41								
		4	Very often	217	26	2,553	26	4,157	27	12,292	27								
		Total	833	100	9,707	100	15,045	100	44,072	100									
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	7	1	96	1	181	1	534	1	3.2	3.2	.03	3.2	.06	3.2	.02	
		2	Sometimes	127	16	1,570	17	2,609	18	7,121	17								
		3	Often	356	43	4,129	43	6,351	42	18,431	42								
		4	Very often	342	40	3,876	39	5,834	39	17,748	40								
		Total	832	100	9,671	100	14,975	100	43,834	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	131	16	1,482	16	3,283	21	7,969	19	2.4	2.4	.00	2.3 ***	.15	2.4 *	.09	
		2	Sometimes	346	42	3,983	41	6,283	42	18,340	42								
		3	Often	205	25	2,453	25	3,403	23	10,536	23								
		4	Very often	150	18	1,772	18	2,094	14	7,206	16								
		Total	832	100	9,690	100	15,063	100	44,051	100									
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	360	43	3,713	39	6,713	44	18,970	44	2.0	2.0	-.01	1.9 *	.09	1.9	.07	
		2	Sometimes	216	26	3,059	32	4,514	30	12,974	29								
		3	Often	133	16	1,664	17	2,291	16	6,959	16								
		4	Very often	116	14	1,216	12	1,491	10	5,004	11								
		Total	825	100	9,652	100	15,009	100	43,907	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.



# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

Your seniors compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	223	26	2,266	23	3,932	26	11,328	26	2.2	2.2	-.03	2.1	.03	2.2	.01	
		2	Sometimes	348	43	4,235	44	6,591	43	18,656	42								
		3	Often	167	20	2,074	22	3,024	21	8,940	20								
		4	Very often	89	12	1,081	11	1,461	10	4,945	11								
		Total	827	100	9,656	100	15,008	100	43,869	100									
d. Discussed your academic performance with a faculty member	SFperform	1	Never	185	22	2,465	26	4,669	31	11,074	26	2.2	2.1	.05	2.0 *** Δ	.15	2.1	.04	
		2	Sometimes	406	49	4,415	46	6,585	44	19,802	45								
		3	Often	168	20	1,786	19	2,545	17	8,392	19								
		4	Very often	72	9	941	10	1,153	8	4,438	10								
		Total	831	100	9,607	100	14,952	100	43,706	100									
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	63	8	728	8	1,099	7	3,126	7	2.8	2.8	-.01	2.8	-.06	2.8	-.05	
		2	Some	255	31	2,931	31	4,253	29	12,442	29								
		3	Quite a bit	310	37	3,623	38	5,625	38	16,693	38								
		4	Very much	203	24	2,365	24	4,006	27	11,587	26								
		Total	831	100	9,647	100	14,983	100	43,848	100									
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	19	3	225	2	640	4	1,334	3	3.2	3.1	.03	3.0 *** Δ	.18	3.1 *	.07	
		2	Some	138	17	1,686	18	3,151	21	8,013	19								
		3	Quite a bit	340	41	4,091	43	6,353	42	18,296	42								
		4	Very much	331	40	3,606	37	4,793	33	16,029	37								
		Total	828	100	9,608	100	14,937	100	43,672	100									
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	27	3	392	4	636	5	1,737	4	3.1	3.1	-.01	3.0	.04	3.1	-.01	
		2	Some	186	23	1,905	20	3,260	22	8,797	21								
		3	Quite a bit	320	39	3,878	40	5,976	40	17,282	39								
		4	Very much	297	35	3,395	35	5,007	34	15,723	36								
		Total	830	100	9,570	100	14,879	100	43,539	100									
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	49	6	769	8	1,103	8	3,147	8	2.9	2.8	.05	2.8	.02	2.9	-.01	
		2	Some	227	28	2,704	29	3,901	27	11,267	26								
		3	Quite a bit	324	40	3,571	37	5,807	38	16,511	38								
		4	Very much	224	26	2,525	26	4,065	26	12,591	28								
		Total	824	100	9,569	100	14,876	100	43,516	100									

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# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

Your seniors compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	38	5	567	6	1,036	7	2,619	6	2.9	2.9	.06	2.9 *	.09	2.9	.03	
		2	Some	215	27	2,553	27	3,906	27	10,818	25								
		3	Quite a bit	330	40	3,759	39	5,881	39	17,137	39								
		4	Very much	243	29	2,667	28	4,018	27	12,861	29								
		Total	826	100	9,546	100	14,841	100	43,435	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	19	2	158	2	286	2	782	2	3.1	3.2 *	-.08	3.1	.02	3.2	-.06	
		2	Some	155	19	1,492	16	2,687	18	7,147	17								
		3	Quite a bit	363	44	4,421	45	7,287	48	19,562	44								
		4	Very much	297	35	3,551	37	4,717	32	16,351	37								
		Total	834	100	9,622	100	14,977	100	43,842	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	20	2	152	2	291	2	931	2	3.1	3.1 **	-.12	3.1	.00	3.1	-.06	
		2	Some	157	19	1,555	16	2,927	19	7,942	18								
		3	Quite a bit	399	49	4,618	48	7,386	49	20,207	46								
		4	Very much	254	30	3,269	34	4,340	29	14,628	33								
		Total	830	100	9,594	100	14,944	100	43,708	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	25	3	217	2	401	3	1,186	3	3.0	3.2 ***	-.17	3.1	-.05	3.1 **	-.11	
		2	Some	188	23	1,576	17	2,917	20	7,965	18								
		3	Quite a bit	346	42	4,061	42	6,624	44	18,095	41								
		4	Very much	270	32	3,730	39	4,964	33	16,358	37								
		Total	829	100	9,584	100	14,906	100	43,604	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	102	12	1,226	13	2,409	16	5,585	13	2.7	2.6	.02	2.5 ***	.15	2.6	.01	
		2	Some	259	32	3,106	32	5,154	35	13,669	32								
		3	Quite a bit	283	34	3,051	32	4,587	31	14,040	32								
		4	Very much	188	22	2,179	23	2,739	18	10,300	23								
		Total	832	100	9,562	100	14,889	100	43,594	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	77	9	734	8	1,575	11	3,567	9	2.7	2.8	-.04	2.6 ***	.12	2.8	-.03	
		2	Some	235	29	2,931	30	5,161	35	13,112	30								
		3	Quite a bit	344	42	3,715	39	5,399	36	16,340	37								
		4	Very much	170	20	2,153	23	2,707	19	10,382	24								
		Total	826	100	9,533	100	14,842	100	43,401	100									

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## Washington State University

### Seniors

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

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				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
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	73	8	1,039	10	2,320	14	5,351	12	2.8	2.8	.00	2.6 ***	.16	2.7	.06	
		2	Sometimes	272	32	2,802	29	4,978	32	13,368	30								
		3	Often	288	35	3,277	34	4,610	31	14,379	33								
		4	Very often	196	25	2,482	27	3,044	22	10,654	25								
		Total	829	100	9,600	100	14,952	100	43,752	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	128	15	1,714	18	3,389	22	8,410	19	2.5	2.5	.00	2.4 ***	.12	2.5	.04	
		2	Sometimes	329	39	3,341	34	5,405	36	15,218	35								
		3	Often	223	28	2,753	29	3,837	26	11,988	27								
		4	Very often	149	18	1,772	19	2,302	17	8,072	19								
		Total	829	100	9,580	100	14,933	100	43,688	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	104	12	1,326	14	2,666	17	6,987	16	2.6	2.6	.02	2.5 ***	.12	2.5 *	.07	
		2	Sometimes	309	37	3,476	36	5,498	37	15,613	36								
		3	Often	271	34	2,959	31	4,284	29	13,026	30								
		4	Very often	142	18	1,786	19	2,440	17	7,918	18								
		Total	826	100	9,547	100	14,888	100	43,544	100									
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum  (Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	20	3	587	7	603	5	2,762	7	8.9	7.0 ***	.31	7.5 ***	.22	7.1 ***	.29	
		1.5	1-2	115	15	1,833	22	2,560	19	8,369	21								
		4	3-5	200	25	2,448	28	3,951	28	11,191	28								
		8	6-10	195	25	1,883	21	3,244	23	8,605	21								
		13	11-15	95	12	906	10	1,564	11	4,186	10								
		18	16-20	58	7	483	5	805	6	2,201	5								
		23	More than 20	100	12	647	7	1,062	8	3,095	7								
		Total	783	100	8,787	100	13,789	100	40,409	100									
b. Between 6 and 10 pages	wrmednum  (Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	113	15	2,193	26	2,180	18	9,460	24	3.6	2.8 ***	.24	3.6	.01	3.1 ***	.13	
		1.5	1-2	297	38	3,297	38	4,728	35	14,516	36								
		4	3-5	218	28	2,026	23	4,079	28	9,562	24								
		8	6-10	105	13	796	9	1,906	13	4,187	10								
		13	11-15	33	4	224	2	529	4	1,249	3								
		18	16-20	8	1	73	1	202	1	456	1								
		23	More than 20	5	1	46	1	128	1	408	1								
		Total	779	100	8,655	100	13,752	100	39,838	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

Your seniors compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options																
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. 11 pages or more	wrlongnum	0	None	280	37	4,038	48	5,011	39	17,871	46	2.1	1.7 ** ▲	.12	2.0	.01	1.9	.06	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	330	42	3,004	35	5,397	40	13,955	36								
		4	3-5	101	13	935	11	1,938	13	4,408	11								
		8	6-10	35	5	298	4	641	5	1,505	4								
		13	11-15	14	2	125	1	199	2	600	2								
		18	16-20	6	1	48	1	85	1	281	1								
		23	More than 20	3	0	56	1	130	1	410	1								
		Total	769	100	8,504	100	13,401	100	39,030	100									
Estimated number of assigned pages of student writing.	wrpages											85.4	66.4 *** ▲	.26	79.6	.07	72.1 *** ▲	.16	
(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																			

#### 8. During the current school year, about how often have you had discussions with people from the following groups?

a. People of a race or ethnicity other than your own	DDrace	1	Never	19	3	291	3	407	3	1,548	4	<b>3.1</b>	3.1	-.05	3.2 *** ▽	-.16	3.2 *** ▽	-.16
		2	Sometimes	222	28	2,116	24	2,841	20	7,966	19							
		3	Often	224	28	2,668	30	4,089	28	11,556	27							
		4	Very often	336	42	3,896	43	6,942	49	20,464	50							
			Total	801	100	8,971	100	14,279	100	41,534	100							
b. People from an economic background other than your own	DDeconomic	1	Never	19	3	267	3	467	3	1,471	4	<b>3.2</b>	3.1	.03	3.1	.01	3.2	-.03
		2	Sometimes	163	20	1,946	22	3,116	21	8,089	20							
		3	Often	290	37	3,099	35	4,721	33	13,289	32							
		4	Very often	329	41	3,643	41	5,935	42	18,603	45							
			Total	801	100	8,955	100	14,239	100	41,452	100							
c. People with religious beliefs other than your own	DDreligion	1	Never	27	4	335	4	519	4	1,832	5	<b>3.1</b>	3.1	-.01	3.2	-.07	3.2 * ▽	-.08
		2	Sometimes	184	23	2,085	23	2,994	21	8,440	20							
		3	Often	274	34	2,819	31	4,411	31	12,255	29							
		4	Very often	313	40	3,687	41	6,276	44	18,825	46							
			Total	798	100	8,926	100	14,200	100	41,352	100							
d. People with political views other than your own	DDpolitical	1	Never	33	4	318	4	692	5	1,979	5	<b>3.1</b>	3.1	-.07	3.0	.04	3.1	-.04
		2	Sometimes	187	23	1,973	22	3,616	25	9,108	22							
		3	Often	275	34	2,920	33	4,426	31	12,609	31							
		4	Very often	302	38	3,681	42	5,396	38	17,460	43							
			Total	797	100	8,892	100	14,130	100	41,156	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

Your seniors compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH		
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
9. During the current school year, about how often have you done the following?																				
a. Identified key information from reading assignments	LSreading	1	Never	25	3	228	3	285	2	941	2	3.1	3.1	-.04	3.2 **	-.11	3.2 **	▽	-.10	
		2	Sometimes	144	19	1,674	19	2,315	17	6,869	17									
		3	Often	326	41	3,438	39	5,592	39	15,956	39									
		4	Very often	307	37	3,583	39	6,014	41	17,556	42									
		Total	802	100	8,923	100	14,206	100	41,322	100										
b. Reviewed your notes after class	LSnotes	1	Never	84	11	833	9	1,664	12	3,475	9	2.7	2.7	-.05	2.6	.04	2.8 ***	▽	-.13	
		2	Sometimes	285	36	3,157	36	5,296	37	13,179	32									
		3	Often	222	28	2,533	29	3,886	28	12,253	30									
		4	Very often	207	25	2,377	27	3,315	24	12,295	29									
		Total	798	100	8,900	100	14,161	100	41,202	100										
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	67	9	714	8	1,308	9	3,106	8	2.7	2.8 *	▽	-.08	2.7	-.04	2.8 ***	▽	-.14
		2	Sometimes	288	36	2,865	33	4,658	33	12,146	30									
		3	Often	253	32	2,982	34	4,567	33	13,756	34									
		4	Very often	184	23	2,252	25	3,455	25	11,744	28									
		Total	792	100	8,813	100	13,988	100	40,752	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	40	0	91	1	239	1	5.6	5.5	.02	5.4 ***	.15	5.5	.04		
		2		6	1	107	1	233	2	563	2									
		3		20	3	275	3	553	4	1,374	4									
		4		80	10	786	9	1,535	11	4,057	10									
		5		236	30	2,781	31	4,671	33	12,526	30									
		6		259	32	3,012	34	4,542	32	13,024	31									
		7	Very much	192	23	1,877	21	2,543	18	9,370	23									
		Total	799	100	8,878	100	14,168	100	41,153	100										
11. Which of the following have you done or do you plan to do before you graduate? <sup>f</sup>																				
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided	54	7	422	5	946	7	2,593	7	50%	59% ***	▽	-.19	58% ***	▽	56% ***	▽	-.12	
		Do not plan to do	171	21	1,371	16	2,444	17	6,051	15										
		Plan to do	171	22	1,678	20	2,579	19	8,962	22										
		Done or in progress	403	50	5,416	59	8,193	58	23,605	56										
		Total	799	100	8,887	100	14,162	100	41,211	100										

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

Your seniors compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH		
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	54	7	526	6	1,053	7	3,482	9	40%	52% *** ▽	-.23	46% ** ▽	-.11	41%	-.02		
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	376	46	3,114	36	5,547	39	17,148	42										
	Plan to do	51	7	544	7	973	7	3,245	8											
	Done or in progress	317	40	4,677	52	6,550	46	17,247	41											
	Total	798	100	8,861	100	14,123	100	41,122	100											
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom		Have not decided	65	8	611	7	1,288	9	3,961	10	25%	27%	-.03	25%	.00	26%	-.01		
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	481	60	5,336	61	8,263	59	23,126	57										
	Plan to do	49	6	465	6	971	7	3,360	8											
	Done or in progress	198	25	2,448	27	3,597	25	10,595	26											
	Total	793	100	8,860	100	14,119	100	41,042	100											
d. Participate in a study abroad program	abroad		Have not decided	64	8	677	8	1,316	9	4,079	10	13%	21% *** ▽	-.23	21% *** ▽	-.22	18% *** ▽	-.15		
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	583	74	5,625	64	8,480	62	25,624	64										
	Plan to do	41	5	531	6	1,154	8	3,259	8											
	Done or in progress	107	13	1,999	21	3,146	21	8,020	18											
	Total	795	100	8,832	100	14,096	100	40,982	100											
e. Work with a faculty member on a research project	research		Have not decided	90	12	938	11	1,582	11	5,224	13	26%	31% ** ▽	-.12	32% *** ▽	-.14	28%	-.06		
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	422	51	4,011	46	6,222	44	18,581	45										
	Plan to do	86	11	977	12	1,818	13	5,458	14											
	Done or in progress	198	26	2,884	31	4,436	32	11,588	28											
	Total	796	100	8,810	100	14,058	100	40,851	100											
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	49	6	591	7	1,296	9	3,528	9	57%	46% *** △	.21	42% *** △	.30	43% *** △	.28		
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	128	15	2,278	26	4,633	32	11,218	27										
	Plan to do	171	22	1,751	21	2,365	18	8,746	21											
	Done or in progress	448	57	4,192	46	5,783	42	17,461	43											
	Total	796	100	8,812	100	14,077	100	40,953	100											

#### 12. About how many of your courses at this institution have included a community-based project (service-learning)?

servcourse	1	None	296	38	4,261	49	7,352	53	19,040	48	<b>1.7</b>	1.6 *** △	.21	1.5 *** △	.28	1.6 *** △	.16
	2	Some	430	54	4,061	46	5,954	42	18,767	45							
	3	Most	64	8	437	5	662	5	2,642	6							
	4	All	5	1	60	1	93	1	415	1							
	Total		795	100	8,819	100	14,061	100	40,864	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

Your seniors compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	8	1	80	1	196	1	463	1	5.7	5.8 *	-.08	5.5 ***	.13	5.7	.04	
		2		12	2	84	1	284	2	648	2								
		3		27	3	254	3	698	5	1,623	4								
		4		60	7	640	7	1,374	10	3,590	9								
		5		175	22	1,877	21	3,442	24	9,206	22								
		6		271	34	2,913	32	4,411	31	12,781	31								
		7	Excellent	239	30	3,007	34	3,725	27	12,621	31								
		—	Not applicable	5	1	19	0	37	0	260	1								
		Total		797	100	8,874	100	14,167	100	41,192	100								
b. Academic advisors	QIadvisor	1	Poor	35	4	372	4	922	7	2,429	6	5.3	5.2 **	.10	4.7 ***	.32	4.9 ***	.21	
		2		29	4	485	5	1,042	8	2,750	7								
		3		50	7	727	8	1,314	9	3,709	9								
		4		98	12	1,196	13	2,060	14	5,737	14								
		5		146	18	1,688	19	2,805	20	7,787	19								
		6		177	23	1,832	21	2,662	19	8,199	20								
		7	Excellent	257	32	2,492	28	2,657	20	9,928	25								
		—	Not applicable	3	0	72	1	677	4	590	2								
		Total		795	100	8,864	100	14,139	100	41,129	100								
c. Faculty	QIfaculty	1	Poor	11	2	93	1	303	2	639	2	5.5	5.4	.06	5.2 ***	.20	5.4 **	.10	
		2		11	1	187	2	455	3	1,033	3								
		3		31	4	389	5	856	6	2,206	5								
		4		89	11	1,095	12	1,977	14	5,144	13								
		5		192	24	2,286	26	3,718	26	10,408	25								
		6		277	36	2,834	32	4,072	29	12,184	30								
		7	Excellent	179	22	1,894	22	2,572	19	8,989	22								
		—	Not applicable	2	0	35	0	113	1	260	1								
		Total		792	100	8,813	100	14,066	100	40,863	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

Your seniors compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	27	4	266	3	744	5	1,975	5	5.0	5.1	-.06	4.7 ***	.19	4.8 **	.11	
		2		22	3	347	4	808	6	2,086	5								
		3		45	6	559	6	1,203	9	3,266	8								
		4		103	13	1,231	14	2,227	16	6,047	14								
		5		157	20	1,975	22	3,030	21	8,369	20								
		6		152	20	2,017	23	2,595	18	7,660	19								
		7	Excellent	105	13	1,534	18	1,671	12	5,948	15								
		—	Not applicable	180	22	900	10	1,803	13	5,614	14								
	Total	791	100	8,829	100	14,081	100	40,965	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	27	3	351	4	845	6	2,563	6	5.0	4.9	.06	4.5 ***	.29	4.6 ***	.23	
		2		31	4	401	5	1,013	7	2,749	7								
		3		68	8	636	7	1,419	10	4,088	10								
		4		102	13	1,400	16	2,456	17	7,090	17								
		5		196	25	2,029	23	3,156	22	8,862	21								
		6		174	22	1,960	22	2,631	18	7,432	18								
		7	Excellent	133	16	1,268	15	1,545	11	5,368	13								
		—	Not applicable	65	8	797	9	1,058	8	2,893	7								
	Total	796	100	8,842	100	14,123	100	41,045	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	13	2	99	1	255	2	793	2	3.1	3.2 ***	-.13	3.2 **	-.12	3.2	-.03	
		2	Some	125	16	1,141	14	1,901	15	6,489	17								
		3	Quite a bit	363	47	3,627	44	5,266	40	16,970	43								
		4	Very much	269	35	3,498	41	6,172	43	14,906	38								
			Total	770	100	8,365	100	13,594	100	39,158	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	39	5	322	4	1,075	8	1,995	5	2.9	3.0 ***	-.13	2.7 ***	.14	2.9	-.04	
		2	Some	202	27	1,887	23	4,146	30	9,717	26								
		3	Quite a bit	330	44	3,632	44	5,499	41	16,516	42								
		4	Very much	195	24	2,477	29	2,793	21	10,695	27								
			Total	766	100	8,318	100	13,513	100	38,923	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	58	7	620	8	1,316	10	3,399	9	2.8	2.9	-.06	2.7 ***	.15	2.8	.01	
		2	Some	196	26	2,073	25	4,301	32	10,311	27								
		3	Quite a bit	330	44	3,246	39	5,101	37	14,582	37								
		4	Very much	182	23	2,372	28	2,787	21	10,603	27								
			Total	766	100	8,311	100	13,505	100	38,895	100								

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# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

Your seniors compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	133	18	1,388	17	2,758	20	6,140	16	2.5	2.5	-.06	2.4	.02	2.6 **	-0.12	
		2	Some	265	35	2,781	34	4,776	35	12,437	32								
		3	Quite a bit	232	30	2,520	30	3,636	27	11,728	30								
		4	Very much	135	17	1,647	19	2,353	18	8,684	22								
		Total	765	100	8,336	100	13,523	100	38,989	100									
e. Providing opportunities to be involved socially	SEsocial	1	Very little	54	7	370	5	1,185	8	2,520	7	2.9	3.0 ***	-0.21	2.8	.04	2.9 *	-0.08	
		2	Some	196	25	1,714	21	3,787	27	9,112	24								
		3	Quite a bit	313	41	3,316	40	5,118	38	15,184	39								
		4	Very much	205	26	2,924	35	3,426	26	12,155	31								
		Total	768	100	8,324	100	13,516	100	38,971	100									
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	80	11	493	6	1,373	10	3,131	8	2.8	3.0 ***	-0.32	2.8	-0.03	2.9 ***	-0.16	
		2	Some	202	26	1,623	20	3,839	28	8,974	23								
		3	Quite a bit	299	40	3,132	38	5,038	38	14,795	38								
		4	Very much	184	23	3,024	36	3,231	25	11,903	30								
		Total	765	100	8,272	100	13,481	100	38,803	100									
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	279	36	2,443	30	5,213	37	12,542	33	2.0	2.1 ***	-0.17	2.0	-0.01	2.1 ***	-0.13	
		2	Some	285	38	3,194	38	4,853	36	13,854	36								
		3	Quite a bit	147	20	1,788	22	2,382	18	8,110	21								
		4	Very much	50	6	858	10	1,011	8	4,261	11								
		Total	761	100	8,283	100	13,459	100	38,767	100									
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	93	12	490	6	1,594	11	3,310	9	2.7	3.0 ***	-0.32	2.7	-0.06	2.9 ***	-0.18	
		2	Some	209	28	1,927	23	4,074	29	10,073	26								
		3	Quite a bit	299	39	3,140	38	4,718	36	14,368	37								
		4	Very much	158	21	2,701	33	3,062	24	10,961	28								
		Total	759	100	8,258	100	13,448	100	38,712	100									
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	112	15	1,244	15	2,351	17	6,380	17	2.4	2.5	-0.05	2.4	.02	2.5	-0.04	
		2	Some	304	40	3,156	39	5,297	39	14,127	37								
		3	Quite a bit	250	32	2,552	31	4,010	30	11,771	30								
		4	Very much	98	12	1,298	15	1,753	14	6,284	16								
		Total	764	100	8,250	100	13,411	100	38,562	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

Your seniors compared with

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU	Legislative Peers		AAU		Carnegie RU-VH		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
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)	tmpprehrs	0	0 hrs	0	0	24	0	50	0	155	0	16.1	15.8	.03	15.8	.03	14.9 ***	.12	
	(Recoded version of tmpprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	90	12	971	12	1,617	12	5,542	14								
		8	6-10 hrs	164	21	1,734	21	2,811	22	9,156	23								
		13	11-15 hrs	156	20	1,649	20	2,626	20	7,611	19								
		18	16-20 hrs	142	18	1,444	17	2,315	17	6,451	17								
		23	21-25 hrs	83	11	982	12	1,537	11	4,084	10								
		28	26-30 hrs	56	8	633	7	1,009	7	2,418	6								
		33	More than 30 hrs	78	11	835	10	1,513	11	3,441	9								
		Total		769	100	8,272	100	13,478	100	38,858	100								
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	356	45	1,882	24	4,011	30	13,360	35	4.3	6.4 ***	-.30	5.8 ***	-.21	5.4 ***	-.16	
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	209	28	2,984	36	4,663	34	12,184	31								
		8	6-10 hrs	91	12	1,656	20	2,262	17	6,193	16								
		13	11-15 hrs	56	8	811	10	1,175	9	3,247	8								
		18	16-20 hrs	29	4	468	6	653	5	1,871	5								
		23	21-25 hrs	13	2	210	3	307	2	890	2								
		28	26-30 hrs	4	1	116	1	143	1	402	1								
		33	More than 30 hrs	6	1	113	1	192	1	507	1								
		Total		764	100	8,240	100	13,406	100	38,654	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	516	67	4,914	61	8,639	64	25,963	68	4.5	5.2 *	-.08	4.5	.00	4.2	.04	
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	29	4	448	5	757	6	1,751	4								
		8	6-10 hrs	59	8	887	10	1,455	11	3,612	9								
		13	11-15 hrs	73	10	890	10	1,234	9	3,060	8								
		18	16-20 hrs	51	7	661	8	740	6	2,498	6								
		23	21-25 hrs	21	3	235	3	345	3	910	2								
		28	26-30 hrs	8	1	100	1	139	1	390	1								
		33	More than 30 hrs	9	1	121	2	133	1	536	1								
		Total		766	100	8,256	100	13,442	100	38,720	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

Your seniors compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	427	58	5,252	64	7,831	59	19,869	51	8.7	5.9 *** ▲	.28	6.5 *** ▲	.22	9.3	-.05	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	29	4	452	5	884	6	2,101	5								
		8	6-10 hrs	36	5	548	6	1,082	8	2,640	7								
		13	11-15 hrs	48	6	531	6	1,058	8	2,709	7								
		18	16-20 hrs	49	6	539	7	1,025	8	3,272	9								
		23	21-25 hrs	35	5	313	4	623	5	2,371	6								
		28	26-30 hrs	28	3	179	2	332	3	1,630	4								
		33	More than 30 hrs	106	13	374	5	516	4	3,933	11								
		Total	758	100	8,188	100	13,351	100	38,525	100									
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											13.0	10.9 *** ▲	.18	10.9 *** ▲	.18	13.4	-.03	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	413	55	3,834	48	6,252	49	18,880	50	2.5	2.8	-.07	3.1 *** ▼	-.12	3.0 *** ▼	-.11	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	253	32	3,317	40	4,835	35	13,445	34								
		8	6-10 hrs	57	8	580	7	1,213	9	3,177	8								
		13	11-15 hrs	22	3	230	3	507	4	1,350	3								
		18	16-20 hrs	9	1	123	1	276	2	786	2								
		23	21-25 hrs	5	1	56	1	111	1	355	1								
		28	26-30 hrs	2	0	28	0	44	0	157	0								
		33	More than 30 hrs	2	0	38	0	71	1	268	1								
		Total	763	100	8,206	100	13,309	100	38,418	100									
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	17	2	87	1	154	1	716	2	11.1	12.8 *** ▼	-.22	12.6 *** ▼	-.19	12.1 *** ▼	-.12	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	195	24	1,451	17	2,573	19	8,432	22								
		8	6-10 hrs	225	29	2,304	28	3,764	28	10,652	27								
		13	11-15 hrs	144	19	1,837	22	2,917	22	7,797	20								
		18	16-20 hrs	96	13	1,219	15	1,883	14	5,122	13								
		23	21-25 hrs	47	6	590	7	895	7	2,512	7								
		28	26-30 hrs	15	2	292	3	426	3	1,239	3								
		33	More than 30 hrs	23	4	417	5	715	6	2,068	6								
		Total	762	100	8,197	100	13,327	100	38,538	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

Your seniors compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	507	67	6,858	83	10,139	77	28,580	74	5.5	2.2 *** ▲	.45	2.5 *** ▲	.42	3.7 *** ▲	.21	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	76	10	525	7	1,465	10	3,590	9								
	8	6-10 hrs	38	5	210	3	633	5	1,661	4									
	13	11-15 hrs	20	3	146	2	374	3	1,071	3									
	18	16-20 hrs	24	3	104	1	219	2	770	2									
	23	21-25 hrs	9	1	72	1	124	1	462	1									
	28	26-30 hrs	10	1	34	0	79	1	286	1									
	33	More than 30 hrs	83	10	237	3	299	2	2,055	5									
	Total		767	100	8,186	100	13,332	100	38,475	100									
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	123	14	939	11	1,197	10	4,702	12	4.0	4.2	-.05	5.4 *** ▼	-.28	5.1 *** ▼	-.22	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	492	65	5,685	69	7,608	57	23,064	59								
	8	6-10 hrs	116	16	1,130	14	2,819	21	7,006	19									
	13	11-15 hrs	21	3	261	3	1,132	8	2,176	6									
	18	16-20 hrs	9	1	116	1	405	3	843	2									
	23	21-25 hrs	3	0	47	1	133	1	345	1									
	28	26-30 hrs	2	0	23	0	48	0	177	0									
	33	More than 30 hrs	1	0	29	0	80	1	363	1									
	Total		767	100	8,230	100	13,422	100	38,676	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	178	25	1,567	20	1,821	15	6,269	17	2.5	2.6 ** ▼	-.11	2.9 *** ▼	-.31	2.8 *** ▼	-.20	
		2	Some	228	30	2,500	31	3,508	28	11,091	30								
		3	About half	161	21	1,896	23	3,075	23	9,264	24								
		4	Most	145	18	1,568	19	3,304	24	8,275	21								
		5	Almost all	52	6	684	8	1,689	11	3,662	9								
		Total		764	100	8,215	100	13,397	100	38,561	100								
tmreadinghrs												6.2	6.6	-.06	7.6 *** ▼	-.21	6.7 * ▼	-.08	
(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																			

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

Your seniors compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
	tmreadinghrscol	1	0 hrs	0	0	24	0	47	0	147	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	413	55	4,043	51	5,629	45	18,931	50								
		3	More than 5, up to 10 hrs	212	27	2,436	30	4,066	30	11,341	29								
		4	More than 10, up to 15 hrs	60	8	789	9	1,502	11	3,608	9								
		5	More than 15, up to 20 hrs	44	6	455	5	966	7	2,191	6								
		6	More than 20, up to 25 hrs	26	3	318	4	783	5	1,521	4								
		7	More than 25 hrs	8	1	103	1	332	2	613	2								
		Total	763	100	8,168	100	13,325	100	38,352	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	52	7	525	7	891	7	2,833	8	3.0	3.0	.05	3.0	.04	2.9 *	.07	
		2	Some	145	20	1,965	24	2,879	22	9,017	24								
		3	Quite a bit	290	39	2,938	35	4,950	36	14,047	36								
		4	Very much	276	35	2,832	34	4,740	34	12,868	33								
		Total	763	100	8,260	100	13,460	100	38,765	100									
b. Speaking clearly and effectively	pgspeak	1	Very little	86	11	648	8	1,306	10	3,425	9	2.8	2.9 **	-.13	2.8	-.04	2.9 *	-.09	
		2	Some	199	27	2,003	25	3,449	26	9,447	25								
		3	Quite a bit	259	34	2,951	36	4,770	36	13,804	35								
		4	Very much	214	28	2,618	32	3,895	29	11,947	31								
		Total	758	100	8,220	100	13,420	100	38,623	100									
c. Thinking critically and analytically	pgthink	1	Very little	27	4	139	2	289	2	961	3	3.3	3.4 ***	-.17	3.3	-.06	3.3	-.04	
		2	Some	95	13	829	10	1,695	13	5,054	13								
		3	Quite a bit	274	36	2,788	34	4,683	35	13,838	35								
		4	Very much	363	47	4,474	54	6,754	50	18,769	49								
		Total	759	100	8,230	100	13,421	100	38,622	100									
d. Analyzing numerical and statistical information	pganalyze	1	Very little	74	9	628	7	1,766	12	3,831	9	2.9	3.0 ***	-.13	2.8 *	.08	2.9	-.02	
		2	Some	184	24	1,912	23	3,552	26	9,529	24								
		3	Quite a bit	259	35	2,502	30	4,044	30	12,105	31								
		4	Very much	244	32	3,188	40	4,055	32	13,160	35								
		Total	761	100	8,230	100	13,417	100	38,625	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

Your seniors compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH		WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Acquiring job- or work- related knowledge and skills	pgwork	1	Very little	67	9	589	7	2,017	14	3,714	10	3.0	3.0	-.05	2.7 ***	.23	2.9	.07	
		2	Some	162	22	1,821	22	3,750	28	9,409	25								
		3	Quite a bit	256	34	2,718	33	4,077	31	12,483	32								
		4	Very much	276	35	3,111	37	3,588	28	13,063	34								
		Total	761	100	8,239	100	13,432	100	38,669	100									
f. Working effectively with others	pgothers	1	Very little	42	6	324	4	1,056	7	2,113	6	3.0	3.1 *	-.09	2.9 ***	.13	3.0	.01	
		2	Some	162	22	1,625	20	3,460	25	8,457	22								
		3	Quite a bit	282	37	3,013	36	4,805	36	14,053	36								
		4	Very much	274	36	3,268	39	4,075	31	13,954	36								
		Total	760	100	8,230	100	13,396	100	38,577	100									
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	122	17	1,044	14	2,077	16	5,461	15	2.6	2.7 ***	-.13	2.6	-.03	2.7 *	-.09	
		2	Some	222	30	2,278	28	3,903	29	10,449	27								
		3	Quite a bit	232	30	2,546	31	4,180	31	11,890	30								
		4	Very much	187	24	2,365	28	3,255	24	10,844	27								
		Total	763	100	8,233	100	13,415	100	38,644	100									
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	99	14	926	12	1,610	12	4,271	12	2.6	2.7 **	-.10	2.7 **	-.11	2.8 ***	-.17	
		2	Some	237	32	2,477	30	3,894	29	10,582	28								
		3	Quite a bit	248	32	2,655	32	4,381	33	12,336	31								
		4	Very much	177	22	2,181	26	3,536	26	11,465	29								
		Total	761	100	8,239	100	13,421	100	38,654	100									
i. Solving complex real- world problems	pgprobsolve	1	Very little	61	8	634	8	1,639	12	3,809	10	2.8	2.9 *	-.10	2.7 **	.09	2.8	.00	
		2	Some	223	29	2,141	26	4,036	30	10,442	27								
		3	Quite a bit	278	37	2,837	34	4,460	33	13,103	33								
		4	Very much	199	26	2,621	32	3,295	26	11,281	29								
		Total	761	100	8,233	100	13,430	100	38,635	100									
j. Being an informed and active citizen	pgcitizen	1	Very little	102	14	1,050	13	2,018	15	5,449	15	2.6	2.7 *	-.09	2.6	-.02	2.6	-.05	
		2	Some	248	33	2,565	31	4,257	32	11,739	31								
		3	Quite a bit	253	33	2,605	32	4,174	31	12,032	31								
		4	Very much	154	19	1,985	24	2,927	22	9,267	24								
		Total	757	100	8,205	100	13,376	100	38,487	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Washington State University

### Seniors

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

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

Your seniors compared with

				WSU		Legislative Peers		AAU		Carnegie RU-VH				WSU		Legislative Peers		AAU		Carnegie RU-VH	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count		%		Count		%		Count		%		Mean	Mean	Effect size <sup>e</sup>		Effect size <sup>e</sup>	
18. How would you evaluate your entire educational experience at this institution?																					
	evalexp	1	Poor	22	3	117	2	384	3	840	2	3.2	3.4 *** ▽	-0.29	3.2	.03	3.3	-0.05			
		2	Fair	86	12	596	8	1,862	13	4,259	11										
		3	Good	347	45	3,143	38	6,146	46	17,726	45										
		4	Excellent	310	40	4,419	53	5,089	38	16,008	41										
		Total		765	100	8,275	100	13,481	100	38,833	100										
19. If you could start over again, would you go to the same institution you are now attending?																					
	sameinst	1	Definitely no	36	5	204	3	683	5	1,524	4	3.2	3.4 *** ▽	-0.24	3.2	.04	3.3	-0.02			
		2	Probably no	87	11	692	9	1,797	13	4,577	12										
		3	Probably yes	288	38	2,637	32	5,198	39	14,919	38										
		4	Definitely yes	354	46	4,748	57	5,816	44	17,844	46										
		Total		765	100	8,281	100	13,494	100	38,864	100										

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> Washington State University

### First-Year Students

Variable Name	N	Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	WSU	WSU	Comparisons with:			WSU	Comparisons with:			WSU	Comparisons with:			Legislative Peers	AAU	Carnegie RU-VH	Legislative Peers	AAU	Carnegie RU-VH	Legislative Peers	AAU	Carnegie RU-VH
			Legislative Peers	AAU	Carnegie RU-VH		Legislative Peers	AAU	Carnegie RU-VH		Legislative Peers	AAU	Carnegie RU-VH									
1 a. askquest	419	2.65	2.73	2.66	2.76	.039	.011	.009	.006	.80	.84	.88	.85	6,212	468	22,356	.064	.782	.009	-.09	-.01	-.13
b. drafts	421	2.36	2.37	2.37	2.45	.044	.013	.010	.007	.90	1.00	.98	.99	499	469	440	.700	.683	.040	-.02	-.02	-.09
c. unpreparedr	418	2.90	2.90	2.79	2.90	.037	.010	.009	.005	.76	.78	.82	.79	6,149	464	22,127	.936	.005	.906	.00	.13	-.01
d. attendart	417	1.85	1.93	1.89	1.92	.040	.012	.010	.006	.82	.88	.90	.92	6,110	465	436	.069	.280	.090	-.09	-.05	-.08
e. CLaskhelp	414	2.72	2.75	2.67	2.69	.040	.011	.009	.006	.82	.86	.88	.87	6,081	460	431	.383	.314	.454	-.04	.05	.03
f. CLexplain	414	2.73	2.83	2.79	2.80	.037	.011	.009	.006	.75	.80	.81	.81	5,952	8,863	432	.015	.160	.061	-.12	-.07	-.09
g. CLstudy	419	2.61	2.69	2.64	2.66	.045	.013	.010	.007	.92	.94	.95	.95	5,947	8,867	21,524	.084	.517	.247	-.09	-.03	-.06
h. CLproject	417	2.64	2.67	2.58	2.65	.041	.012	.010	.006	.83	.86	.90	.87	5,907	466	21,380	.614	.137	.867	-.03	.07	-.01
i. present	414	2.16	2.05	2.01	2.16	.043	.011	.010	.006	.87	.83	.87	.88	473	8,732	21,166	.018	.001	.851	.13	.17	-.01
2 a. RIintegrate	404	2.68	2.66	2.68	2.69	.040	.012	.009	.006	.80	.84	.84	.85	474	449	421	.508	.893	.888	.03	.01	-.01
b. RISocietal	403	2.58	2.52	2.61	2.61	.039	.012	.010	.006	.78	.86	.87	.87	480	453	422	.098	.456	.480	.08	-.03	-.03
c. RIDiverse	397	2.55	2.44	2.50	2.54	.040	.012	.010	.006	.79	.87	.90	.89	473	449	416	.006	.220	.770	.13	.06	.01
d. RIownview	397	2.78	2.69	2.72	2.75	.038	.012	.009	.006	.76	.84	.83	.83	473	444	415	.036	.148	.508	.10	.07	.03
e. RIPerspect	395	2.74	2.82	2.83	2.85	.038	.011	.009	.006	.75	.83	.82	.82	469	8,409	20,324	.053	.027	.007	-.09	-.11	-.14
f. RInewview	395	2.81	2.80	2.86	2.84	.037	.011	.009	.006	.74	.81	.80	.81	469	8,383	413	.684	.209	.506	.02	-.06	-.03
g. RIconnect	389	3.02	3.06	3.08	3.06	.036	.011	.009	.006	.72	.77	.77	.77	459	433	406	.336	.105	.253	-.05	-.08	-.05
3 a. SFCareer	393	2.38	2.20	2.02	2.17	.042	.012	.010	.006	.84	.87	.90	.89	5,542	8,391	20,183	.000	.000	.000	.21	.40	.24
b. SFotherwork	394	1.85	1.71	1.67	1.72	.048	.012	.010	.006	.94	.89	.88	.90	5,529	8,358	20,114	.002	.000	.004	.16	.20	.15
c. SFdiscuss	392	2.04	1.96	1.93	1.97	.042	.012	.010	.006	.83	.86	.87	.88	5,519	435	20,072	.092	.009	.142	.09	.13	.07
d. SFperform	392	2.19	2.01	1.92	2.05	.041	.012	.010	.006	.81	.85	.86	.87	5,501	8,322	20,003	.000	.000	.001	.21	.31	.16
4 a. memorize	388	3.01	3.00	3.03	3.01	.040	.011	.009	.006	.79	.81	.82	.81	5,505	8,345	20,093	.683	.698	.974	.02	-.02	.00
b. HOapply	382	2.86	3.06	3.02	3.04	.040	.011	.009	.006	.79	.80	.82	.81	5,486	8,299	20,003	.000	.000	.000	-.25	-.20	-.22
c. HOanalyze	383	2.82	2.96	2.99	2.99	.039	.012	.009	.006	.76	.84	.83	.83	5,458	8,268	19,935	.002	.000	.000	-.17	-.21	-.22
d. HOevaluate	379	2.80	2.76	2.82	2.87	.038	.012	.010	.006	.75	.87	.88	.85	457	429	397	.326	.507	.079	.05	-.03	-.08
e. HOform	376	2.81	2.79	2.83	2.86	.041	.012	.010	.006	.79	.86	.88	.86	444	421	393	.729	.580	.206	.02	-.03	-.06
5 a. ETgoals	380	2.92	3.12	3.07	3.13	.039	.010	.009	.005	.75	.74	.77	.76	5,493	8,323	19,997	.000	.000	.000	-.27	-.20	-.28
b. ETorganize	378	2.95	3.11	3.05	3.09	.039	.010	.008	.005	.76	.74	.75	.76	5,479	8,309	19,944	.000	.013	.000	-.21	-.13	-.18
c. ETexample	378	2.96	3.11	3.06	3.09	.041	.011	.009	.006	.80	.79	.80	.81	5,464	8,278	19,901	.001	.015	.002	-.19	-.13	-.16
d. ETdraftfb	377	2.75	2.66	2.58	2.74	.043	.013	.011	.007	.83	.94	.95	.93	451	425	395	.039	.000	.712	.10	.18	.02
e. ETfeedback	376	2.55	2.64	2.55	2.66	.044	.013	.010	.007	.85	.90	.91	.91	5,448	418	392	.066	.965	.009	-.10	.00	-.13



# NSSE 2015 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> Washington State University

### First-Year Students

Variable Name	N	Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	WSU	WSU	Legislative Peers	AAU	Carnegie RU-VH	WSU	Legislative Peers	AAU	Carnegie RU-VH	WSU	Legislative Peers	AAU	Carnegie RU-VH	Comparisons with:			Comparisons with:			Comparisons with:		
														Legislative Peers	AAU	Carnegie RU-VH	Legislative Peers	AAU	Carnegie RU-VH	Legislative Peers	AAU	Carnegie RU-VH
6 a. QRconclude	382	2.62	2.64	2.54	2.63	.043	.013	.011	.007	.85	.92	.94	.92	451	427	399	.667	.062	.789	-.02	.09	-.01
b. QRproblem	384	2.36	2.30	2.25	2.33	.045	.013	.011	.007	.89	.94	.94	.95	5,472	8,304	19,945	.276	.027	.560	.06	.12	.03
c. QRevaluate	384	2.31	2.34	2.29	2.35	.043	.013	.010	.007	.84	.90	.91	.92	452	427	401	.528	.644	.310	-.03	.02	-.05
7 a. wrshortnum	356	8.62	6.00	6.78	6.51	.315	.077	.066	.041	5.94	5.22	5.70	5.53	399	7,703	368	.000	.000	.000	.50	.32	.38
b. wrmednum	354	3.12	1.79	2.29	2.07	.169	.038	.037	.022	3.18	2.54	3.17	2.89	390	7,500	365	.000	.000	.000	.51	.26	.36
c. wrlongnum	340	1.06	.65	.90	.77	.137	.033	.033	.019	2.53	2.19	2.76	2.45	379	7,205	17,252	.004	.309	.036	.18	.06	.11
— wrpages	336	66.49	40.59	49.66	45.95	3.542	.772	.750	.442	64.97	50.73	61.69	57.13	368	7,091	346	.000	.000	.000	.50	.27	.36
8 a. DDrace	361	3.05	3.13	3.22	3.22	.045	.013	.010	.006	.85	.88	.87	.87	421	396	374	.091	.000	.000	-.09	-.19	-.19
b. DDeconomic	359	3.00	3.11	3.13	3.17	.045	.012	.010	.006	.86	.85	.87	.86	5,006	395	372	.019	.008	.000	-.13	-.14	-.19
c. DDreligion	361	2.98	3.08	3.15	3.15	.045	.013	.010	.007	.85	.89	.90	.89	423	399	375	.027	.000	.000	-.12	-.19	-.20
d. DDpolitical	358	2.93	3.08	3.01	3.09	.047	.013	.011	.007	.90	.89	.93	.91	4,974	7,782	18,374	.002	.093	.001	-.17	-.09	-.18
9 a. LSreading	360	2.98	3.09	3.14	3.14	.038	.012	.009	.006	.72	.79	.77	.78	429	400	376	.008	.000	.000	-.14	-.20	-.20
b. LSnotes	358	2.78	2.87	2.78	2.89	.046	.013	.011	.007	.88	.90	.92	.90	4,972	7,785	18,363	.090	.883	.029	-.09	.01	-.12
c. LSsummary	354	2.57	2.77	2.78	2.82	.047	.013	.011	.007	.88	.90	.90	.90	4,923	7,702	18,163	.000	.000	.000	-.22	-.23	-.28
10. challenge	358	5.35	5.58	5.49	5.52	.058	.016	.013	.008	1.10	1.10	1.15	1.12	4,952	7,793	18,371	.000	.022	.004	-.21	-.12	-.15
11 a. intern <sup>l</sup>	360	.088	.087	.091	.096	.0150	.0042	.0033	.0022	--	--	--	--	--	--	--	.949	.831	.604	.00	-.01	-.03
b. leader <sup>l</sup>	358	.136	.147	.134	.134	.0181	.0052	.0040	.0025	--	--	--	--	--	--	--	.560	.905	.901	-.03	.01	.01
c. learncom <sup>l</sup>	354	.150	.198	.167	.184	.0190	.0059	.0043	.0029	--	--	--	--	--	--	--	.028	.386	.097	-.13	-.05	-.09
d. abroad <sup>l</sup>	358	.027	.041	.040	.045	.0085	.0029	.0023	.0015	--	--	--	--	--	--	--	.183	.219	.100	-.08	-.07	-.10
e. research <sup>l</sup>	359	.061	.066	.058	.063	.0127	.0037	.0027	.0018	--	--	--	--	--	--	--	.748	.810	.886	-.02	.01	-.01
f. capstone <sup>l</sup>	354	.036	.024	.030	.031	.0099	.0023	.0020	.0013	--	--	--	--	--	--	--	.176	.519	.586	.07	.03	.03
12. servcourse	356	1.63	1.45	1.46	1.51	.039	.009	.007	.005	.74	.60	.62	.63	392	379	365	.000	.000	.002	.28	.26	.19
13 a. QIstudent	357	5.37	5.71	5.49	5.57	.071	.018	.016	.010	1.35	1.24	1.35	1.33	405	7,749	18,267	.000	.130	.005	-.27	-.08	-.15
b. QIadvisor	356	5.27	5.26	4.84	5.06	.081	.024	.021	.013	1.53	1.62	1.72	1.67	4,856	403	17,818	.913	.000	.023	.01	.25	.12
c. QIfaculty	351	4.99	5.24	4.95	5.12	.071	.020	.018	.011	1.33	1.36	1.50	1.43	4,852	7,531	17,980	.001	.653	.083	-.19	.02	-.09
d. QIstaff	338	4.78	5.18	4.80	4.95	.087	.023	.020	.013	1.59	1.51	1.65	1.61	4,603	6,916	16,752	.000	.768	.055	-.27	-.02	-.11
e. QIadmin	330	4.67	4.95	4.63	4.70	.092	.025	.021	.013	1.66	1.59	1.68	1.67	381	6,809	16,342	.004	.683	.731	-.17	.02	-.02
14 a. empstudy	338	3.12	3.29	3.26	3.22	.040	.011	.009	.006	.73	.71	.74	.74	389	371	351	.000	.001	.015	-.24	-.19	-.13
b. SEacademic	335	2.98	3.15	2.97	3.10	.044	.012	.010	.006	.81	.81	.84	.81	389	7,292	17,003	.000	.818	.007	-.21	.01	-.15
c. SElearnsup	333	3.04	3.16	2.98	3.13	.045	.013	.010	.007	.83	.85	.87	.86	390	7,275	346	.012	.199	.069	-.14	.07	-.10

# NSSE 2015 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> Washington State University

### First-Year Students

Variable Name	N	Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	WSU	WSU	Legislative Peers		Carnegie RU-VH	WSU	Legislative Peers		Carnegie RU-VH	WSU	Legislative Peers		Carnegie RU-VH	Comparisons with:			Comparisons with:			Comparisons with:		
			AAU	AAU			AAU	AAU			AAU	AAU		Legislative Peers	AAU	Carnegie RU-VH	Legislative Peers	AAU	Carnegie RU-VH	Legislative Peers	AAU	Carnegie RU-VH
d. SEdiverse	333	2.49	2.76	2.67	2.78	.051	.015	.012	.007	.93	.96	.97	.96	4,540	7,292	17,012	.000	.001	.000	-.29	-.18	-.30
e. SESocial	335	2.90	3.16	2.96	3.09	.045	.013	.010	.007	.83	.82	.87	.85	4,541	7,293	17,002	.000	.199	.000	-.31	-.07	-.22
f. SEwellness	335	2.90	3.18	2.93	3.08	.046	.013	.011	.007	.85	.83	.89	.86	4,525	7,274	16,945	.000	.515	.000	-.34	-.04	-.20
g. SEonacad	333	2.31	2.41	2.28	2.40	.051	.015	.012	.008	.93	.96	.96	.98	4,511	7,260	347	.062	.545	.081	-.11	.03	-.09
h. SEactivities	335	2.79	3.08	2.86	3.02	.046	.013	.011	.007	.84	.84	.91	.87	4,509	7,241	16,897	.000	.164	.000	-.35	-.08	-.26
i. SEevents	335	2.51	2.64	2.54	2.61	.049	.014	.011	.007	.89	.93	.93	.94	4,500	7,226	16,859	.021	.570	.055	-.13	-.03	-.11
15 a. tmprephrs	337	14.93	15.96	16.01	15.21	.444	.131	.105	.066	8.15	8.52	8.79	8.52	4,534	374	16,960	.034	.019	.554	-.12	-.12	-.03
b. tmcocurrhrs	334	6.46	6.68	5.50	5.92	.387	.103	.077	.052	7.08	6.64	6.42	6.68	4,505	360	16,885	.565	.016	.139	-.03	.15	.08
c. tmworkonhrs	334	2.27	2.36	2.22	2.38	.299	.082	.063	.043	5.47	5.33	5.23	5.53	4,530	7,276	16,943	.752	.881	.709	-.02	.01	-.02
d. tmworkoffhrs	337	3.61	1.81	2.54	3.21	.431	.083	.074	.056	7.90	5.33	6.17	7.21	361	356	347	.000	.015	.354	.32	.17	.06
— tmworkhrs	334	5.91	4.11	4.68	5.51	.590	.126	.107	.076	10.78	8.14	8.88	9.69	364	355	16,795	.003	.041	.456	.22	.14	.04
e. tmervicehrs	331	2.74	2.21	2.24	2.35	.258	.058	.052	.034	4.70	3.76	4.31	4.31	364	7,175	16,731	.043	.039	.104	.14	.12	.09
f. tmrelaxhrs	337	11.97	13.15	13.12	13.26	.410	.127	.101	.066	7.53	8.22	8.38	8.51	4,492	7,201	354	.010	.013	.002	-.15	-.14	-.15
g. tmcarehrs	336	2.31	1.06	1.78	1.69	.331	.061	.059	.039	6.06	3.96	4.87	5.00	358	356	344	.000	.117	.066	.30	.11	.12
h. tmcommutehrs	336	4.68	3.17	4.59	3.80	.321	.069	.067	.040	5.88	4.43	5.56	5.20	366	7,243	346	.000	.764	.007	.33	.02	.17
16. reading	336	2.55	2.56	2.88	2.67	.060	.017	.014	.009	1.09	1.11	1.15	1.10	4,480	7,181	16,745	.798	.000	.045	-.01	-.29	-.11
— tmreadinghrs	334	5.99	6.60	7.74	6.58	.286	.091	.078	.045	5.22	5.83	6.44	5.74	403	384	16,647	.040	.000	.063	-.11	-.27	-.10
17 a. pgwrite	337	2.77	2.65	2.68	2.74	.045	.015	.011	.007	.83	.94	.94	.93	408	378	353	.016	.066	.530	.12	.09	.03
b. pgspeak	336	2.54	2.50	2.45	2.56	.051	.015	.012	.007	.94	.96	.98	.96	4,506	7,236	16,839	.456	.131	.709	.04	.08	-.02
c. pgthink	337	3.00	3.10	3.05	3.05	.044	.013	.010	.006	.80	.82	.83	.83	394	372	351	.029	.312	.295	-.12	-.05	-.06
d. pganalyze	334	2.64	2.73	2.60	2.69	.051	.015	.012	.007	.92	.96	.99	.96	4,498	371	16,842	.108	.419	.399	-.09	.04	-.05
e. pgwork	332	2.50	2.67	2.46	2.58	.052	.014	.012	.008	.95	.93	.98	.97	4,501	7,238	16,847	.002	.469	.123	-.18	.04	-.09
f. pgothers	334	2.72	2.82	2.66	2.79	.047	.014	.011	.007	.87	.89	.93	.90	4,497	371	16,806	.050	.201	.173	-.11	.07	-.08
g. pgvalues	337	2.48	2.62	2.54	2.62	.051	.015	.012	.008	.94	.98	.98	.98	4,505	7,235	16,823	.014	.288	.010	-.14	-.06	-.14
h. pgdiverse	336	2.63	2.65	2.68	2.73	.049	.015	.012	.007	.90	.97	.98	.96	399	374	16,849	.681	.340	.056	-.02	-.05	-.11
i. pgprobsolve	334	2.55	2.64	2.55	2.62	.049	.014	.011	.007	.89	.93	.95	.94	4,497	371	16,820	.069	.973	.196	-.10	.00	-.07
j. pgcitizen	331	2.46	2.58	2.53	2.58	.050	.015	.012	.007	.90	.95	.96	.96	4,475	367	345	.034	.194	.022	-.12	-.07	-.12
18. evalexp	337	3.12	3.37	3.14	3.23	.037	.010	.009	.006	.67	.68	.74	.71	393	376	351	.000	.525	.002	-.37	-.03	-.16
19. sameinst	337	3.24	3.44	3.24	3.28	.044	.011	.009	.006	.80	.71	.78	.77	4,532	7,278	16,951	.000	.990	.297	-.28	.00	-.06

IPEDS: 236939

# NSSE 2015 Frequencies and Statistical Comparisons

Detailed Statistics<sup>g</sup>

Washington State University

## Seniors

Variable Name	N	Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	WSU	WSU	Legislative Peers		Carnegie RU-VH	WSU	Legislative Peers		Carnegie RU-VH	WSU	Legislative Peers		Carnegie RU-VH	Comparisons with:			Comparisons with:			Comparisons with:		
			AAU	AAU			AAU	AAU			AAU	AAU		Legislative Peers	AAU	Carnegie RU-VH	Legislative Peers	AAU	Carnegie RU-VH	Legislative Peers	AAU	Carnegie RU-VH
1 a. askquest	864	3.06	2.95	2.92	2.98	.029	.009	.008	.005	.86	.87	.90	.89	10,056	13,275	37,535	.000	.000	.010	.13	.16	.09
b. drafts	870	2.43	2.21	2.23	2.28	.034	.010	.009	.005	.99	.99	1.00	1.01	1,040	13,210	37,335	.000	.000	.000	.22	.20	.15
c. unpreparedr	862	2.91	2.82	2.69	2.83	.027	.008	.008	.004	.80	.81	.83	.82	1,034	995	904	.001	.000	.002	.11	.27	.11
d. attendart	864	1.67	1.86	1.91	1.86	.028	.009	.008	.005	.82	.87	.90	.90	9,891	13,072	36,986	.000	.000	.000	-.23	-.28	-.21
e. CLaskhelp	865	2.49	2.61	2.47	2.50	.031	.009	.008	.005	.93	.89	.88	.90	1,021	979	36,895	.000	.648	.785	-.13	.02	-.01
f. CLexplain	863	2.83	2.86	2.77	2.80	.029	.009	.008	.004	.86	.81	.82	.84	1,018	12,917	36,456	.258	.070	.381	-.04	.06	.03
g. CLstudy	866	2.58	2.65	2.53	2.56	.035	.010	.009	.005	1.03	.98	.97	.99	1,023	979	904	.054	.133	.652	-.07	.06	.02
h. CLproject	866	3.05	3.02	2.84	2.90	.030	.009	.008	.005	.88	.87	.92	.91	9,682	1,006	910	.312	.000	.000	.04	.23	.16
i. present	865	2.64	2.61	2.61	2.61	.032	.010	.009	.005	.95	.94	.93	.95	9,609	12,771	35,951	.465	.388	.461	.03	.03	.03
2 a. RIintegrate	847	3.11	3.04	2.98	3.02	.028	.009	.008	.004	.80	.81	.82	.83	9,395	12,505	35,305	.019	.000	.001	.08	.17	.11
b. RISocietal	840	2.84	2.77	2.78	2.79	.031	.010	.008	.005	.90	.91	.91	.91	9,297	12,355	34,906	.030	.071	.119	.08	.06	.05
c. RIDiverse	844	2.62	2.50	2.55	2.56	.034	.011	.009	.005	.99	.98	.97	.98	9,286	12,329	34,860	.000	.035	.057	.13	.08	.07
d. RIownview	837	2.84	2.77	2.78	2.81	.029	.009	.008	.005	.84	.85	.86	.86	1,016	970	881	.021	.040	.295	.08	.07	.04
e. RIPerspect	839	2.89	2.87	2.88	2.91	.029	.009	.008	.005	.84	.84	.85	.85	9,229	12,256	34,651	.412	.623	.547	.03	.02	-.02
f. RInewview	832	2.93	2.91	2.94	2.94	.028	.009	.008	.004	.80	.80	.80	.81	9,194	12,227	34,538	.574	.587	.695	.02	-.02	-.01
g. RIconnect	831	3.22	3.20	3.18	3.21	.026	.008	.007	.004	.75	.75	.77	.76	9,156	12,178	34,345	.424	.113	.532	.03	.06	.02
3 a. SFCareer	832	2.44	2.44	2.30	2.36	.033	.011	.009	.005	.96	.96	.95	.96	9,165	12,242	34,510	.982	.000	.015	.00	.15	.09
b. SFotherwork	825	2.01	2.03	1.92	1.94	.038	.011	.009	.006	1.08	1.03	1.00	1.02	978	930	860	.700	.016	.056	-.01	.09	.07
c. SFdiscuss	827	2.17	2.20	2.15	2.16	.033	.010	.009	.005	.94	.92	.92	.94	9,130	12,191	34,356	.380	.461	.770	-.03	.03	.01
d. SFperform	830	2.16	2.12	2.03	2.12	.030	.010	.008	.005	.87	.90	.89	.91	9,093	12,141	34,222	.172	.000	.215	.05	.15	.04
4 a. memorize	830	2.78	2.78	2.83	2.83	.031	.010	.008	.005	.90	.90	.90	.90	9,133	12,178	34,320	.846	.083	.119	-.01	-.06	-.05
b. HOApply	826	3.18	3.15	3.03	3.12	.028	.009	.008	.004	.80	.79	.84	.82	9,093	12,136	34,180	.354	.000	.040	.03	.18	.07
c. HOanalyze	829	3.06	3.07	3.02	3.07	.029	.009	.008	.005	.84	.85	.86	.85	9,067	12,099	34,082	.762	.214	.689	-.01	.04	-.01
d. HOevaluate	823	2.85	2.81	2.83	2.86	.031	.010	.009	.005	.88	.92	.91	.92	1,010	12,088	34,054	.176	.503	.729	.05	.02	-.01
e. HOform	824	2.93	2.88	2.85	2.91	.030	.010	.008	.005	.86	.88	.90	.89	9,031	961	33,989	.118	.010	.469	.06	.09	.03
5 a. ETgoals	833	3.12	3.18	3.10	3.17	.027	.008	.007	.004	.79	.75	.75	.77	9,114	947	34,316	.035	.533	.067	-.08	.02	-.06
b. ETorganize	829	3.06	3.15	3.06	3.11	.026	.008	.007	.004	.76	.74	.75	.77	9,087	12,147	871	.001	.913	.087	-.12	.00	-.06
c. ETexample	828	3.04	3.18	3.08	3.13	.028	.009	.007	.004	.82	.79	.80	.81	9,077	12,113	34,129	.000	.151	.001	-.17	-.05	-.11
d. ETdraftfb	830	2.66	2.64	2.51	2.65	.033	.011	.009	.005	.96	.97	.97	.98	9,060	12,102	34,104	.618	.000	.819	.02	.15	.01
e. ETfeedback	824	2.73	2.77	2.62	2.76	.031	.010	.009	.005	.89	.89	.90	.91	9,028	953	33,952	.258	.001	.388	-.04	.12	-.03

# NSSE 2015 Frequencies and Statistical Comparisons

Detailed Statistics<sup>g</sup>

Washington State University

## Seniors

Variable Name	N	Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	WSU	WSU	Legislative Peers		Carnegie RU-VH	WSU	Legislative Peers		Carnegie RU-VH	WSU	Legislative Peers		Carnegie RU-VH	Comparisons with:			Comparisons with:			Comparisons with:		
			AAU	AAU			AAU	AAU			AAU	AAU		Legislative Peers	AAU	Carnegie RU-VH	Legislative Peers	AAU	Carnegie RU-VH	Legislative Peers	AAU	Carnegie RU-VH
6 a. QRconclude	828	2.77	2.77	2.61	2.72	.032	.011	.009	.005	.91	.96	.98	.97	1,020	973	874	.968	.000	.089	.00	.16	.06
b. QRproblem	828	2.50	2.49	2.38	2.46	.033	.011	.009	.005	.96	.99	1.00	1.00	1,013	12,133	872	.911	.001	.283	.00	.12	.04
c. QRevaluate	825	2.58	2.56	2.46	2.51	.032	.010	.009	.005	.91	.95	.96	.97	1,010	962	870	.609	.001	.044	.02	.12	.07
7 a. wrshortnum	782	8.94	6.97	7.51	7.06	.253	.073	.063	.037	7.06	6.36	6.41	6.42	917	880	814	.000	.000	.000	.31	.22	.29
b. wrmednum	776	3.64	2.80	3.61	3.14	.137	.040	.039	.023	3.81	3.48	3.99	3.91	915	11,168	30,954	.000	.870	.001	.24	.01	.13
c. wrlongnum	768	2.06	1.68	2.03	1.86	.115	.037	.034	.020	3.20	3.13	3.42	3.48	927	10,914	30,345	.002	.800	.121	.12	.01	.06
— wrpages	749	85.43	66.44	79.60	72.12	2.787	.857	.811	.481	76.25	72.60	80.57	81.78	895	10,612	29,603	.000	.055	.000	.26	.07	.16
8 a. DDrace	798	3.09	3.13	3.23	3.23	.031	.010	.008	.005	.89	.89	.87	.89	8,509	11,586	32,292	.176	.000	.000	-.05	-.16	-.16
b. DDeconomic	799	3.15	3.13	3.14	3.18	.029	.010	.008	.005	.83	.85	.86	.87	8,498	931	843	.487	.709	.404	.03	.01	-.03
c. DDreligion	796	3.09	3.10	3.15	3.16	.031	.010	.009	.005	.87	.89	.88	.90	8,469	11,527	839	.800	.053	.028	-.01	-.07	-.08
d. DDpolitical	795	3.07	3.12	3.03	3.11	.031	.010	.009	.005	.88	.87	.91	.91	8,443	11,471	838	.076	.313	.204	-.07	.04	-.04
9 a. LSreading	799	3.11	3.15	3.20	3.20	.029	.009	.008	.005	.83	.82	.80	.81	8,469	11,530	32,095	.260	.003	.004	-.04	-.11	-.10
b. LSnotes	796	2.68	2.72	2.64	2.80	.034	.011	.009	.005	.97	.96	.97	.96	8,446	11,491	31,999	.194	.309	.000	-.05	.04	-.13
c. LSsummary	788	2.69	2.76	2.73	2.82	.033	.011	.009	.005	.92	.92	.94	.93	8,360	11,348	31,645	.035	.289	.000	-.08	-.04	-.14
10. challenge	797	5.58	5.55	5.40	5.53	.041	.013	.012	.007	1.16	1.14	1.20	1.19	8,429	11,499	31,954	.510	.000	.318	.02	.15	.04
11 a. intern <sup>l</sup>	796	.498	.595	.582	.561	.0177	.0056	.0048	.0028	--	--	--	--	--	--	--	.000	.000	.000	-.19	-.17	-.12
b. leader <sup>l</sup>	795	.403	.515	.459	.413	.0174	.0057	.0048	.0028	--	--	--	--	--	--	--	.000	.002	.573	-.23	-.11	-.02
c. learncom <sup>l</sup>	790	.252	.266	.254	.256	.0154	.0051	.0042	.0025	--	--	--	--	--	--	--	.387	.904	.775	-.03	.00	-.01
d. abroad <sup>l</sup>	792	.129	.214	.212	.183	.0119	.0047	.0040	.0022	--	--	--	--	--	--	--	.000	.000	.000	-.23	-.22	-.15
e. research <sup>l</sup>	793	.257	.313	.320	.284	.0155	.0053	.0045	.0026	--	--	--	--	--	--	--	.001	.000	.104	-.12	-.14	-.06
f. capstone <sup>l</sup>	793	.566	.464	.417	.426	.0176	.0057	.0048	.0028	--	--	--	--	--	--	--	.000	.000	.000	.21	.30	.28
12. servcourse	792	1.71	1.58	1.53	1.60	.022	.007	.006	.004	.63	.62	.62	.65	960	910	835	.000	.000	.000	.21	.28	.16
13 a. QIstudent	789	5.71	5.81	5.54	5.66	.044	.014	.013	.007	1.25	1.20	1.33	1.30	8,398	926	832	.027	.000	.270	-.08	.13	.04
b. QIadvisor	789	5.32	5.15	4.74	4.95	.060	.020	.018	.010	1.68	1.72	1.82	1.81	8,349	936	835	.009	.000	.000	.10	.32	.21
c. QIfaculty	788	5.51	5.43	5.22	5.37	.045	.015	.014	.008	1.28	1.30	1.41	1.38	8,334	938	836	.100	.000	.002	.06	.20	.10
d. QIstaff	617	4.99	5.08	4.68	4.81	.063	.019	.017	.010	1.56	1.56	1.66	1.69	7,416	713	650	.168	.000	.004	-.06	.19	.11
e. QIadmin	727	5.00	4.90	4.50	4.59	.058	.019	.017	.010	1.56	1.60	1.70	1.73	7,669	859	772	.136	.000	.000	.06	.29	.23
14 a. empstudy	766	3.15	3.24	3.24	3.17	.027	.009	.008	.005	.75	.74	.78	.77	931	894	808	.001	.001	.373	-.13	-.12	-.03
b. SEacademic	763	2.87	2.98	2.75	2.91	.030	.010	.009	.005	.84	.83	.88	.86	927	891	30,105	.001	.000	.285	-.13	.14	-.04
c. SElearnsup	762	2.82	2.87	2.68	2.81	.031	.011	.009	.005	.86	.91	.91	.93	7,896	894	808	.135	.000	.789	-.06	.15	.01

# NSSE 2015 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> Washington State University

### Seniors

Variable Name	N	Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	WSU	WSU	Legislative Peers		Carnegie RU-VH	WSU	Legislative Peers		Carnegie RU-VH	WSU	Legislative Peers		Carnegie RU-VH	Comparisons with:			Comparisons with:			Comparisons with:		
			AAU	AAU			AAU	AAU			AAU	AAU		Legislative Peers	AAU	Carnegie RU-VH	Legislative Peers	AAU	Carnegie RU-VH	Legislative Peers	AAU	Carnegie RU-VH
d. SEdiverse	761	2.47	2.52	2.44	2.58	.035	.012	.010	.006	.98	.99	1.00	1.00	7,911	10,953	30,141	.141	.591	.001	-.06	.02	-.12
e. SESocial	764	2.86	3.04	2.83	2.94	.032	.010	.009	.005	.89	.86	.91	.90	922	889	30,119	.000	.286	.026	-.21	.04	-.08
f. SEwellness	760	2.75	3.04	2.78	2.90	.034	.011	.009	.005	.93	.90	.93	.93	917	10,920	29,996	.000	.426	.000	-.32	-.03	-.16
g. SEnonacad	756	1.96	2.12	1.97	2.09	.033	.011	.009	.006	.90	.95	.94	.98	943	10,902	802	.000	.834	.000	-.17	-.01	-.13
h. SEactivities	755	2.68	2.97	2.74	2.85	.034	.011	.009	.005	.94	.89	.95	.93	906	10,885	29,906	.000	.135	.000	-.32	-.06	-.18
i. SEevents	760	2.42	2.46	2.40	2.45	.032	.011	.009	.006	.89	.93	.93	.95	945	10,861	805	.167	.577	.263	-.05	.02	-.04
15 a. tmpprehrs	765	16.06	15.78	15.79	14.93	.329	.108	.091	.053	9.09	9.10	9.22	9.06	7,863	10,920	30,015	.419	.435	.001	.03	.03	.12
b. tmcocurrhrs	758	4.30	6.42	5.77	5.39	.227	.084	.069	.041	6.26	7.09	6.95	6.94	978	904	807	.000	.000	.000	-.30	-.21	-.16
c. tmworkonhrs	761	4.53	5.18	4.50	4.22	.277	.095	.074	.044	7.65	7.98	7.44	7.56	947	10,894	29,910	.026	.908	.273	-.08	.00	.04
d. tmworkoffhrs	753	8.66	5.86	6.49	9.26	.445	.116	.097	.070	12.20	9.74	9.78	11.86	858	826	29,760	.000	.000	.175	.28	.22	-.05
— tmworkhrs	749	12.96	10.91	10.86	13.36	.467	.138	.115	.075	12.79	11.52	11.48	12.66	883	841	29,575	.000	.000	.394	.18	.18	-.03
e. tmervicehrs	759	2.46	2.77	3.08	3.01	.158	.055	.051	.030	4.35	4.58	5.06	5.16	7,799	920	815	.083	.000	.001	-.07	-.12	-.11
f. tmrelaxhrs	758	11.08	12.84	12.62	12.13	.283	.098	.082	.049	7.78	8.18	8.27	8.43	7,794	10,798	804	.000	.000	.000	-.22	-.19	-.12
g. tmcarehrs	762	5.47	2.21	2.52	3.68	.383	.081	.066	.050	10.57	6.76	6.58	8.58	830	807	788	.000	.000	.000	.45	.42	.21
h. tmcommutehrs	763	3.99	4.19	5.41	5.12	.135	.049	.051	.031	3.72	4.12	5.10	5.24	7,823	991	843	.178	.000	.000	-.05	-.28	-.22
16. reading	759	2.51	2.64	2.89	2.76	.044	.014	.012	.007	1.22	1.21	1.24	1.22	7,805	10,849	29,785	.005	.000	.000	-.11	-.31	-.20
— tmreadinghrs	758	6.24	6.60	7.59	6.72	.210	.070	.066	.036	5.77	5.87	6.57	6.09	7,763	912	802	.112	.000	.023	-.06	-.21	-.08
17 a. pgwrite	758	3.01	2.96	2.97	2.94	.033	.011	.009	.005	.91	.92	.93	.93	7,843	10,902	798	.204	.302	.047	.05	.04	.07
b. pgspeak	752	2.79	2.91	2.83	2.88	.036	.011	.010	.006	.98	.94	.96	.95	905	10,867	789	.002	.241	.015	-.13	-.04	-.09
c. pgthink	755	3.27	3.40	3.32	3.30	.030	.009	.008	.005	.83	.75	.79	.80	889	10,867	29,825	.000	.105	.253	-.17	-.06	-.04
d. pganalyze	756	2.90	3.02	2.82	2.92	.035	.011	.010	.006	.96	.96	1.01	.98	7,814	884	29,835	.001	.028	.625	-.13	.08	-.02
e. pgwork	756	2.96	3.00	2.72	2.89	.035	.011	.010	.006	.96	.95	1.02	.98	7,827	885	796	.225	.000	.061	-.05	.23	.07
f. pgothers	755	3.03	3.11	2.91	3.01	.032	.010	.009	.005	.89	.87	.92	.90	7,815	880	29,777	.017	.000	.713	-.09	.13	.01
g. pgvalues	758	2.61	2.73	2.63	2.70	.037	.012	.010	.006	1.02	1.01	1.02	1.03	7,819	10,871	29,838	.001	.464	.011	-.13	-.03	-.09
h. pgdiverse	756	2.62	2.72	2.73	2.78	.035	.012	.010	.006	.97	.98	.98	.99	7,825	10,866	29,839	.009	.003	.000	-.10	-.11	-.17
i. pgprobsolve	757	2.81	2.90	2.72	2.82	.033	.011	.010	.006	.92	.94	.98	.97	7,821	889	800	.012	.008	.892	-.10	.09	.00
j. pgcitizen	752	2.58	2.66	2.59	2.63	.035	.012	.010	.006	.96	.98	.99	1.00	7,789	10,832	794	.020	.663	.123	-.09	-.02	-.05
18. evalexp	761	3.22	3.42	3.19	3.25	.028	.008	.008	.004	.77	.70	.77	.75	7,859	10,917	29,991	.000	.388	.214	-.29	.03	-.05
19. sameinst	761	3.24	3.43	3.21	3.26	.031	.009	.008	.005	.85	.76	.85	.82	896	10,927	30,023	.000	.324	.522	-.24	.04	-.02

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### Endnotes

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