



**CENTRAL WASHINGTON UNIVERSITY**

**2016 NATIONAL SURVEY OF STUDENT ENGAGEMENT**

**A COMPARISON OF RESPONSES BY SENIORS ENROLLED ONLINE vs. SENIORS ENROLLED ON-CAMPUS**

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## I. ABSTRACT

Central Washington University (CWU) administered the National Survey of Student Engagement (NSSE) during the spring quarter of 2016. This report compares responses made to NSSE questions by “online” students enrolled in online degree programs (all respondents were seniors) to “on-campus” or “F2F” seniors enrolled at the Ellensburg campus or at one of the centers.

## II. METHODOLOGY

The NSSE survey was emailed to all CWU first year and senior students during the spring 2016 quarter. The invitation email was sent on 4/5/16, and the fourth reminder email was sent on 5/3/16. The survey response rate was 19% for on-campus senior students and 20% for online senior students. CWU’s eight peers had a 16% response rate for first year students and a 20% response rate for seniors.

**Table 1 – CWU 2016 NSSE Senior Response Rate**

	Online	On-Campus	Total
Surveys Sent	258	1,916	2,174
Number of Responses	52	370	422
CWU Response Rate	20%	19%	

All students who responded to the survey received a 10% coupon on a purchase from the Wildcat Shop (either in Ellensburg or online). Thirty respondents were randomly selected for early Fall 2016 registration.

Enterprise Applications Services identified which students in the survey population were enrolled in online degree programs. Fifty two responses were from students enrolled online; all of those students were seniors. 370 responses were from seniors enrolled in “on-campus” or face-to-face (F2F) courses. This report condenses much of the text of question stems and leaves.

The comparisons use a statistic called “Cohen’s h” to classify the “substantive difference” between the two groups (online or on-campus) as small, moderate (or medium), or large. Group difference indices “lend themselves nicely to categorical or experimental outcomes rather than continuous or correlational data.” See <http://www.christopherjferguson.com/Ferguson%20PPRP.pdf> downloaded on 9/5/14. The sample of online response and survey response rates are small, therefore the samples may be biased. These results can be used to identify areas of further research. However, readers should not assume that CWU populations have the same characteristics as the following samples.

Note: the 2016 NSSE survey questions are at:

[http://nsse.indiana.edu/pdf/survey\\_instruments/2016/NSSE\\_2016-US\\_English.pdf](http://nsse.indiana.edu/pdf/survey_instruments/2016/NSSE_2016-US_English.pdf)

### III. SUMMARY

The following tables and charts compare responses of students enrolled in online degree programs to on-campus responses (students attending the Ellensburg campus or one of the centers). The NSSE question numbers are identified for each table. There were only five questions with large differences. The average responses for students enrolled on campus were higher on questions 1e. through 1f. (see Table 2). Questions 1e. through 1h. ask if the respondent worked with other students. Online students' average response was much lower. Is there some way for CWU to improve collaboration among online students? Question 1i. asked if a student gave a course presentation.

The differences for the remaining questions had small or medium effect sizes. This seems to indicate that students enrolled in online degree programs have similar engagement as students enrolled at a campus.

### IV. COMPARISON TABLES

**Table 2 – During the current school year how often / to what extent have you done the following? Questions 1 through 6**

Question	ONLINE			F2F			Mean Diff (OnL - F2F)	Data Bars (± 1.0)	Hedge's g	Substantive Difference
	n	Avg.	StDev	n	Avg.	StDev				
<b>DURING THE CURRENT SCHOOL YEAR, ABOUT HOW OFTEN HAVE YOU DONE THE FOLLOWING//Very often=4/Often=3/Sometimes=2/Never=1</b>										
1a. Asked questions or contributed to course discussions in other ways	52	3.4	0.8	369	3.3	0.8	0.1		0.19	Small
b. Prepared two or more drafts of a paper or assignment before turning it in	52	2.8	1.0	368	2.6	1.0	0.3		0.26	Small
c. Come to class without completing readings or assignments	51	1.6	0.8	365	2.1	0.8	-0.6		-0.68	Medium
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	52	1.5	0.8	366	1.9	0.9	-0.4		-0.49	Medium
e. Asked another student to help you understand course material	52	1.7	0.7	362	2.6	0.9	-0.9		-1.02	Large
f. Explained course material to one or more students	52	1.9	0.8	364	2.9	0.8	-1.1		-1.30	Large
g. Prepared for exams by discussing/working through material with other students	52	1.7	0.9	363	2.7	1.0	-1.0		-0.99	Large
h. Worked with other students on course projects or assignments	51	2.3	0.8	362	3.1	0.8	-0.8		-0.93	Large
i. Gave a course presentation	52	2.1	0.8	359	3.0	0.9	-0.9		-1.01	Large
2a. Combined ideas from different courses when completing assignments	50	2.9	0.8	359	3.1	0.8	-0.2		-0.25	Small
b. Connected your learning to societal problems or issues	51	3.0	0.7	358	2.9	0.8	0.1		0.15	Small
c. Included diverse perspectives	51	3.0	0.8	359	2.7	0.9	0.3		0.37	Medium
d. Examined the strengths and weaknesses of your own views on a topic or issue	51	3.2	0.6	358	2.9	0.8	0.3		0.36	Medium
e. Tried to better understand someone else's views	51	3.1	0.7	358	3.0	0.8	0.1		0.09	Small
f. Learned something that changed the way you understand an issue or concept	51	3.1	0.7	358	3.0	0.8	0.1		0.10	Small
g. Connected ideas from your courses to your prior experiences and knowledge	50	3.2	0.7	357	3.3	0.7	0.0		-0.05	Small
3a. Talked about career plans with a faculty member	51	2.1	0.9	358	2.6	1.0	-0.5		-0.47	Medium
b. Worked with a faculty member on activities other than coursework	51	1.6	1.0	357	2.1	1.1	-0.5		-0.47	Medium
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	50	1.9	1.0	356	2.4	1.0	-0.5		-0.50	Medium
d. Discussed your academic performance with a faculty member	49	2.2	1.1	354	2.4	1.0	-0.2		-0.19	Small
<b>DURING THE CURRENT SCHOOL YEAR, HOW MUCH HAS YOUR COURSEWORK EMPHASIZED THE FOLLOWING//Very much=4/Quite a bit=3/Some=2/Very little=1</b>										
4a. Memorizing course material	50	2.6	1.0	356	2.8	0.9	-0.2		-0.20	Small
b. Applying facts, theories, or methods to practical problems or new situations	51	3.1	0.7	354	3.1	0.8	0.0		-0.04	Small
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	51	3.2	0.7	354	3.0	0.8	0.2		0.21	Small
d. Evaluating a point of view, decision, or information source	51	3.1	0.8	352	2.9	0.8	0.2		0.21	Small
e. Forming a new idea or understanding from various pieces of information	50	3.1	0.7	353	3.0	0.8	0.1		0.14	Small
<b>DURING THE CURRENT SCHOOL YEAR, TO WHAT EXTENT HAVE YOUR INSTRUCTORS DONE THE FOLLOWING//Very much=4/Quite a bit=3/Some=2/Very little=1</b>										
5a. Clearly explained course goals and requirements	51	3.2	0.8	355	3.1	0.7	0.1		0.17	Small
b. Taught course sessions in an organized way	51	3.1	0.9	355	3.0	0.8	0.1		0.17	Small
c. Used examples or illustrations to explain difficult points	50	3.1	0.8	355	3.1	0.8	0.1		0.06	Small
d. Provided feedback on a draft or work in progress	50	2.9	1.0	356	2.8	0.9	0.2		0.20	Small
e. Provided prompt and detailed feedback on tests or completed assignments	50	3.0	0.9	353	2.8	0.8	0.2		0.20	Small
<b>DURING THE CURRENT SCHOOL YEAR, ABOUT HOW OFTEN HAVE YOU DONE THE FOLLOWING // Very often=4 / Often=3 / Sometimes=2 / Never=1</b>										
6a. Reached conclusions based on your own analysis of numerical information	51	2.7	0.8	355	2.7	0.9	0.1		0.09	Small
b. Used numerical information to examine a real-world problem or issue	51	2.5	0.9	354	2.5	1.0	0.0		-0.04	Small
c. Evaluated what others have concluded from numerical information	51	2.4	1.0	354	2.5	0.9	-0.1		-0.09	Small

**Table 3 – During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? Question 7**

Note: the averages were estimated from the midpoints of the scale

Number of Written Papers	None	1-2	3-5	6-10	11-15	16-20	> 20	Average	- n
Up to 5 pages: Online	0%	6%	19%	17%	19%	6%	33%	12.4	48
On-campus	3%	12%	25%	25%	13%	9%	13%	9.1	328
Between 6 - 10 pages: Online	2%	16%	36%	38%	4%	2%	2%	6.0	50
On-campus	13%	30%	35%	14%	3%	3%	2%	4.3	324
11 pages or more: Online	35%	50%	13%	2%	0%	0%	0%	1.4	46
On-campus	32%	44%	15%	7%	1%	2%	1%	2.3	323

**Table 4 - During the current school year, #8 about how often have you had discussions with people from the following groups and #9 about how often have you done the following? Questions 8 and 9**

Question	ONLINE			F2F			Mean Diff (OnL - F2F)	Data Bars (± 1.0)	Hedge's g	Substantive Difference
	n	Avg.	StDev	n	Avg.	StDev				
<b>DURING THE CURRENT SCHOOL YEAR,ABOUT HOW OFTEN HAVE YOU HAD DISCUSSIONS WITH PEOPLE FROM THE FOLLOWING GROUPS?</b>										
<b>Very often = 4 / Often = 3 / Sometimes=2 / Never = 1</b>										
people of a race or ethnicity other than your own	51	3.0	1.0	339	3.1	0.8	-0.1		-0.10	Small
people from an economic background other than your own	51	3.1	1.0	338	3.1	0.8	-0.1		-0.08	Small
religious beliefs other than your own	51	3.1	1.0	337	3.1	0.9	0.0		-0.01	Small
political views other than your own	50	3.0	1.1	335	3.1	0.9	-0.1		-0.11	Small
<b>DURING THE CURRENT SCHOOL YEAR,ABOUT HOW OFTEN HAVE YOU DONE THE FOLLOWING?//Very often=4/Often=3/Sometimes=2/Never=1</b>										
Identified key information from reading assignments	51	3.5	0.7	338	3.2	0.7	0.2		0.33	Medium
Reviewed your notes after class	51	2.9	1.0	337	2.9	0.9	0.0		0.04	Small
Summarized what you learned in class or from course materials	51	3.1	0.9	334	2.8	0.9	0.3		0.30	Medium

**Table 5 – During the current school year, to what extent have your courses challenged you to do your best work? Question 10**

Note: averages were estimated from category mid-points

<b>DURING THE CURRENT SCHOOL YEAR, ,TO WHAT EXTENT HAVE YOUR COURSES CHALLENGED YOU TO DO YOUR BEST WORK?</b>									
	Not at all	- 2 -	- 3 -	- 4 -	- 5 -	- 6 -	Very Much	Average	- n -
Online	0%	2%	6%	6%	18%	29%	39%	5.8	51
On-campus	0%	0%	1%	8%	36%	32%	23%	5.7	337

**Table 6 – Which of the following have you done or do you plan to do before you graduate? Question 11**

Question	ONLINE			F2F			Mean Diff (OnL - F2F)	Data Bars (± 1.0)	Hedge's g	Substantive Difference
	n	Avg.	StDev	n	Avg.	StDev				
<b>WHICH OF THE FOLLOWING HAVE YOU DONE OR PLAN TO DO BEFORE YOU GRADUATE?//Done or in progress=4/Plan to do=3/Do not plan=2/Not decided=1</b>										
Internship, co-op, field experience, student teaching, or clinical placement	49	2.9	1.1	338	3.2	0.9	-0.2		-0.24	Small
Formal leadership role in a student organization or group	50	2.2	0.7	338	2.7	1.0	-0.6		-0.56	Medium
Learning community or some other formal program	50	2.2	0.8	337	2.6	1.0	-0.4		-0.39	Medium
Study abroad program	50	2.0	0.6	336	2.2	0.7	-0.2		-0.31	Medium
Work with a faculty member on a research project	50	2.3	0.9	334	2.6	1.0	-0.3		-0.30	Small
Culminating senior experience (capstone course, senior project or thesis, comprehen	50	2.7	1.2	335	3.2	1.0	-0.5		-0.51	Medium

**Table 7 - About how many of your courses at this institution have included a community-based project (service-learning)?** Question 12

	Online	On-Campus	Difference	±0.5 Data Bars
Responses	50	335		
All	4%	0%	4%	
Most	10%	8%	2%	
Some	48%	49%	-1%	
None	38%	42%	-4%	

**Table 8 - Indicate the quality of your interaction with the following people at your institution.** Question 13

	Replied	Poor = 1	2	3	4	5	6	Excellent=7	Average	Does not apply
<b>Students</b>										
Online	50	0%	6%	6%	10%	26%	24%	26%	5.3	2%
On-campus	338	1%	2%	2%	8%	29%	30%	28%	5.7	0%
										Does not apply
<b>Academic Advisors</b>										
Online	50	6%	2%	6%	8%	16%	16%	46%	5.6	0%
On-campus	338	7%	7%	6%	11%	21%	19%	27%	4.9	2%
										Does not apply
<b>Faculty</b>										
Online	50	0%	2%	2%	14%	22%	20%	36%	5.5	4%
On-campus	335	2%	2%	1%	12%	24%	36%	22%	5.5	0%
										Does not apply
<b>Student Services Staff</b>										
Online	50	4%	2%	4%	8%	12%	8%	30%	3.7	32%
On-campus	336	4%	3%	6%	15%	21%	19%	13%	4.0	18%
										Does not apply
<b>Other Administrative Staff and Offices</b>										
Online	50	2%	2%	4%	12%	26%	16%	34%	5.3	4%
On-campus	337	3%	6%	10%	14%	26%	21%	16%	4.7	4%

**Table 9 – How much does your institution emphasize the following? Question 14**

Question	ONLINE			F2F			Mean Diff (OnL - F2F)	Data Bars (± 1.0)	Hedge's g	Substantive Difference
	n	Avg.	StDev	n	Avg.	StDev				
<b>HOW MUCH DOES YOUR INSTITUTION EMPHASIZE THE FOLLOWING?//Very much=4/Quite a bit=3/ Some=2/Very little=1</b>										
Spending significant amounts of time studying and on academic work	50	3.3	0.7	331	3.0	0.8	0.3		0.38	Medium
Providing support to help students succeed academically	49	3.0	0.9	330	2.9	0.8	0.1		0.13	Small
Using learning support services (tutoring services, writing center, etc.)	50	3.1	0.9	332	2.8	0.9	0.3		0.29	Small
Encouraging contact among students from different backgrounds	50	2.6	1.0	331	2.5	1.0	0.1		0.08	Small
Providing opportunities to be involved socially	50	2.7	0.9	332	2.9	0.9	-0.1		-0.15	Small
Providing support for your overall well-being	50	2.3	1.0	332	2.7	1.0	-0.4		-0.43	Medium
Helping you manage your non-academic responsibilities (work, family, etc.)	50	2.0	1.0	330	2.0	1.0	0.0		-0.02	Small
Attending campus activities and events (performing arts, athletic events, etc.)	50	2.3	1.0	330	2.6	1.0	-0.3		-0.28	Small
Attending events that address important social, economic, or political issues	50	2.3	0.9	329	2.4	1.0	0.0		-0.04	Small

**Table 10 – About how many hours do you spend in a typical 7 day week doing the following? Question 15**

Question	ONLINE			F2F			Mean Diff (OnL - F2F)	Data Bars (± 1.0)	Hedge's g	Substantive Difference
	n	Avg.	StDev	n	Avg.	StDev				
<b>HOW MUCH DOES YOUR INSTITUTION EMPHASIZE THE FOLLOWING?//Very much=4/Quite a bit=3/ Some=2/Very little=1</b>										
Preparing for class (studying, reading, writing, doing homework or lab work, ...)	49	4.7	1.9	331	4.4	1.6	0.4		0.23	Small
Participating in co-curricular activities (organizations, campus publications, ...)	50	1.3	0.9	328	2.1	1.3	-0.8		-0.64	Medium
Working for pay ON CAMPUS	50	1.2	1.0	329	2.0	1.7	-0.8		-0.49	Medium
Working for pay OFF CAMPUS	50	4.7	3.2	328	2.9	2.5	1.8		0.69	Medium
Doing community service or volunteer work	50	2.1	1.6	324	1.7	1.1	0.4		0.33	Medium
Relaxing and socializing (time with friends, video games, TV or videos, ...)	50	2.9	1.1	327	3.5	1.5	-0.6		-0.38	Medium
Providing care for dependents (children, parents, etc.)	49	3.9	2.9	327	1.9	2.0	1.9		0.88	Large
Commuting to campus (driving, walking, etc.)	50	1.3	0.8	329	2.3	1.1	-1.0		-0.97	Large

**Table 10 continued – Of the time you spend preparing for class in a typical 7-day week, about how many hours are on ASSIGNED READING? Question 16**

	Replies	Very Little	Some	Almost half	Most	Almost All	Bar Chart
Online	50	6%	14%	34%	36%	10%	
On-campus	330	10%	26%	28%	27%	8%	

**Table 11 - How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas? Question 17**

Question	ONLINE			F2F			Mean Diff (OnL - F2F)	Data Bars (± 1.0)	Hedge's g	Substantive Difference
	n	Avg.	StDev	n	Avg.	StDev				
<b>HOW MUCH HAS YOUR EXPERIENCE AT THIS INSTITUTION CONTRIBUTED IN THE FOLLOWING AREAS?//Very much=4/Quite a bit=3/Some=2/Very little=1</b>										
Writing clearly and effectively	50	3.2	0.9	330	3.0	0.8	0.1		0.17	Small
Speaking clearly and effectively	49	2.8	1.0	329	2.9	0.9	-0.1		-0.12	Small
Thinking critically and analytically	50	3.3	0.9	330	3.3	0.8	0.0		0.01	Small
Analyzing numerical and statistical information	50	2.7	1.0	328	2.8	1.0	-0.1		-0.10	Small
Acquiring job- or work-related knowledge and skills	50	3.1	0.9	328	3.0	0.9	0.0		0.02	Small
Working effectively with others	50	3.0	0.9	327	3.1	0.9	-0.1		-0.11	Small
Developing or clarifying a personal code of values and ethics	50	2.8	1.0	328	2.8	0.9	0.1		0.06	Small
Understanding people of other backgrounds	50	2.9	0.9	326	2.8	1.0	0.1		0.10	Small
Solving complex real-world problems	50	2.7	0.9	327	2.8	0.9	-0.1		-0.13	Small
Being an informed and active citizen	49	2.8	1.0	324	2.7	1.0	0.1		0.11	Small

**Table 12 - How would you evaluate your entire educational experience at this institution? Question 18**

	Online	On-campus	Difference	±0.5 Data Bars
Replies	49	328		
Excellent	53%	33%	20%	
Good	41%	57%	-16%	
Fair	4%	8%	-4%	
Poor	2%	2%	0%	

**Table 13 – If You Could Start Over Again, Would You Go to the *Same Institution* You Are Now Attending? Question 19**

	Online	On-campus	Difference	±0.5 Data Bars
Replies	50	328		
Definitely yes	52%	41%	11%	
Probably yes	40%	45%	-5%	
Probably no	4%	12%	-8%	
Definitely no	4%	2%	2%	

**Table 14 - How many majors do you plan to complete? (Do not count minors.) Question 20a**

	Online	On-campus	Difference	±0.5 Data Bars
Replies	50	328		
One	90%	77%	13%	
More than one	10%	23%	-13%	

Note: Question 20b “Online Majors” are listed in Appendix 1, page 12.

**Table 15 - Thinking about this current academic term, are you a full-time student? Question 22**

	Online	On-campus	Difference	±0.5 Data Bars
Replies	49	329		
No (Part time)	27%	8%	19%	
Yes (Full time)	73%	92%	-19%	

**Table 16 - How many courses are you taking for credit this current academic term? Question 23a**

	Online	On-campus	Difference	±0.5 Data Bars
Replies	50	329		
0	2%	1%	1%	
1	8%	9%	-1%	
2	20%	8%	12%	
3	30%	29%	1%	
4	28%	27%	1%	
5	0%	11%	-11%	
6	0%	5%	-5%	
7 or more	0%	10%	-10%	

**Table 17 - Of these, how many are ENTIRETY ONLINE? Question 23b**

	Online	On-campus	Difference	±0.5 Data Bars
Replies	49	327		
0	6%	63%	-57%	
1	10%	25%	-15%	
2	24%	8%	16%	
3	22%	2%	21%	
4	27%	1%	26%	
5	4%	1%	3%	
6	0%	0%	0%	
7 or more	6%	0%	6%	

**Table 18 - What have most of your grades been up to now at this institution? Question 24**

	Online	On-campus	Difference	±0.5 Data Bars
Replies	49	328		
A	39%	34%	5%	
A-	31%	23%	7%	
B+	14%	20%	-6%	
B	12%	15%	-3%	
B-	4%	5%	0%	
C+	0%	2%	-2%	
C	0%	1%	-1%	
C- or lower	0%	1%	-1%	
Average	3.63	3.51	12%	



**Table 19 - Did you begin college at this institution or elsewhere? Question 25**

	Online	On-campus	Difference	±0.5 Data Bars
Replies	50	326		
Started here	18%	41%	-23%	
Started Elsewhere	82%	59%	23%	

**Table 20 - Since graduating from high school, which of the following types of schools have you attended other than the one you are now attending? (Select all that apply.) Question 26**

	Online	On-campus	Difference	±0.5 Data Bars
Replies	71	384		
Vocational or technical school	13%	5%	8%	
Community or junior college	62%	46%	16%	
4-yr institution other than this one	21%	19%	2%	
None	1%	27%	-26%	
Other	3%	3%	0%	

**Table 21 - What is the highest level of education you ever expect to complete? Question 27**

	Online	On-campus	Difference	±0.5 Data Bars
Replies	50	327		
Some college but less than a bachelor's degree	10%	4%	6%	
Bachelor's degree (BA, B.S.. etc.)	36%	26%	10%	
Master's degree (MA, M.S.. etc.)	46%	47%	-1%	
Doctoral or professional degree (Ph.D..J.D.. M.D.. etc.)	8%	22%	-14%	

**Table 22 - What is the highest level of education completed by either of your parents (or those who raised you)? Question 28**

	Online	On-campus	Difference	±0.5 Data Bars
Replies	50	327		
Did not finish high school	18%	10%	8%	
High school diploma or G.E.D.	26%	20%	6%	
Attended college but did not complete degree	22%	14%	8%	
Associate's degree (AA, AS.. etc.)	14%	10%	4%	
Bachelor's degree (BA, B.S.. etc.)	12%	25%	-13%	
Master's degree (MA, M.S.. etc.)	8%	17%	-9%	
Doctoral or professional degree (Ph.D.. J.D.. M D.. etc.)	2%	3%	-1%	

**Table 23 – What is your gender identity? Question 29**

	Online	On-campus	Difference	±0.5 Data Bars
Replies	50	329		
Man	24%	32%	-8%	
Woman	74%	67%	7%	
Another gender identity	0%	0%	0%	
I prefer not to respond	2%	1%	1%	

**Table 24 – Age Question 30**

	Online	On-campus	Difference	±0.5 Data Bars
Replies	50	326		
19 or younger	2%	0%	2%	
20-23	20%	66%	-46%	
24-29	22%	20%	2%	
30-39	24%	7%	17%	
40-55	26%	5%	21%	
Over 55	6%	2%	4%	
<b>Average Age</b>	<b>34.4</b>	<b>25.3</b>	<b>9.1</b>	

**Table 25 – Are you an international student or foreign national? Question 31**

	Online	On-campus	Difference	±0.5 Data Bars
Replies	50	324		
No	100%	98%	2%	
Yes	0%	2%	-2%	

**Table 26 – What is your racial or ethnic identification (select all that apply) Question 32**

	Online	On-campus	Difference	±0.5 Data Bars
Replies	56	362		
American Indian or Alaskan Native	4%	3%	1%	
Asian	2%	6%	-4%	
Black or African American	7%	3%	4%	
Hispanic or Latino	13%	14%	-2%	
Native Hawaiian or Other Pacific Islander	2%	1%	1%	
White	64%	65%	-1%	
Other	4%	3%	0%	
I prefer not to answer	5%	4%	1%	

**Table 27 – Which of the following best describes where you are living while attending college?**

Question 34

	Online	On-campus	Difference	±0.5 Data Bars
Replies	49	326		
Dormitory or other campus housing (not a fraternity)	2%	12%	-10%	
Fraternity or sorority house	0%	0%	0%	
Residence (house, etc.) <i>within</i> walking distance of campus	4%	55%	-51%	
Residence further than walking distance from campus	84%	32%	52%	
None of the above	10%	2%	8%	

**Table 28 – Are you a student athlete on a team sponsored by your institution’s athletic depart.**

Question 35

	Online	On-campus	Difference	±0.5 Data Bars
Replies	50	326		
No	98%	96%	2%	
Yes	2%	4%	-2%	

**Table 29 – Are you a current or former member of the U.S. Armed Services, Reserves, or National Guard?**

Question 36

	Online	On-campus	Difference	±0.5 Data Bars
Replies	50	327		
No	90%	94%	-4%	
Yes	10%	6%	4%	

**Table 30 – Have you been diagnosed with any disability or impairment? Question 37a**

	Online	On-campus	Difference	±0.5 Data Bars
Replies	50	328		
No	76%	84%	-8%	
Yes	20%	12%	8%	
I prefer not to respond	4%	3%	1%	

**Table 31 – Which of the following have been diagnosed? Select all that apply. Question 37b**

	Online	On-campus
Students who answered "yes" above	16	51
A sensory impairment (visual or hearing)	1	4
A mobility impairment	3	3
A learning disability (e.g., ADHD, dyslexia, etc.)	3	17
A mental health disorder	6	16
A disability or impairment not listed above	3	11

## APPENDIX 1

### MAJORS OF NSSE RESPONDENTS ENROLLED IN ONLINE DEGREE PROGRAMS

Administration	1
Administrative leadership	1
administrative management	1
BA-ITAM	1
BAS ITAM	1
BAS-ITAM, Administrative Management Spec.	1
Business administration	1
Business management	1
Creative Writing	1
IDS	2
IDS in Social Science	1
IDS-Social Services	1
Information technology	2
Information Technology Administrative Management	1
Information Technology and Administrative Management	2
Information Technology and Business Administration	1
Interdisciplinary studies	3
ITAM	11
ITAM BAS	1
ITAM Cybersecurity	1
Law and Justice	5
MAJfirst	1
Paramedic	1
Paramedicine	1
Professional and Creative Writing	2
Psychology	4
Social Services	2