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**NSSE 2017**  
**Frequencies and Statistical Comparisons**  
SUNY Cortland

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# NSSE 2017 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.

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

**Note:** Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: [nsse.indiana.edu/html/weighting.cfm](http://nsse.indiana.edu/html/weighting.cfm)

6. **Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (\* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$ ). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests. Exceptions are items 11 a-f which are compared using a  $z$ -test.



### NSSE 2017 Frequencies and Statistical Comparisons

NSSEville State University

		Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>									
		NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State	Private Doc-Granting	Carnegie UG Program	NSSE 2016 & 2017						
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1 2 3 4	Never Sometimes Often Very often	3 153 212 280	0 20 33 46	244 4,397 5,947 5,440	2 27 37 34	54 845 1,086 889	2 29 38 31	6,952 75,222 81,724 66,983	3 33 35 29	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1 2 3 4	Never Sometimes Often Very often	82 267 164 113	13 42 26 19	2,369 5,959 4,548 3,072	14 34 26 20	401 979 1,119 611	14 34 29 21	35,490 79,495 77,348 47,208	16 34 29 21	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
c. Evaluated what others have concluded from numerical information	QRevaluate	1 2 3 4	Never Sometimes Often Very often	25 56 384 150	4 9 63 24	778 1,666 9,147 4,267	5 11 57 27	134 262 1,586 851	5 10 57 29	12,543 28,134 128,802 58,873	6 13 56 26	3.1	3.1	.02	3.1	-.04	3.0	.06	
				Total	100	16,028	100	2,874	100	230,881	100								

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

8. **Key to symbols:**

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

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### 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	SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>1. During the current school year, about how often have you done the following?</b>																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	5	2	101	3	416	4	8,210	4	<b>2.8</b>	2.7	.08	2.8	.02	2.8	-.04
		2	Sometimes	108	39	1,179	40	4,418	37	90,197	36							
		3	Often	101	36	1,050	36	4,357	37	91,949	35							
		4	Very often	62	23	605	20	2,630	23	66,220	26							
		Total		276	100	2,935	100	11,821	100	256,576	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	45	17	630	22	1,986	17	42,194	17	<b>2.5</b>	2.3 **	.19	2.5	.02	2.5	-.01
		2	Sometimes	93	35	1,120	39	4,274	37	90,189	35							
		3	Often	85	32	756	26	3,412	29	75,712	30							
		4	Very often	50	16	410	13	2,059	17	46,611	18							
		Total		273	100	2,916	100	11,731	100	254,706	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	14	5	113	4	507	4	11,965	5	<b>3.0</b>	3.1	-.06	3.1	-.07	3.0	-.03
		2	Often	34	12	365	13	1,382	12	31,695	13							
		3	Sometimes	154	57	1,636	55	6,525	55	143,773	56							
		4	Never	72	25	802	28	3,339	28	66,959	27							
		Total		274	100	2,916	100	11,753	100	254,392	100							
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	98	39	812	29	3,957	36	91,084	39	<b>1.9</b>	2.1 ***	-.26	2.0	-.12	1.9	-.06
		2	Sometimes	115	41	1,205	41	4,588	38	98,686	38							
		3	Often	45	15	571	19	2,097	17	42,273	15							
		4	Very often	15	5	315	11	1,093	9	21,720	8							
		Total		273	100	2,903	100	11,735	100	253,763	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	19	7	314	11	962	9	21,358	10	<b>2.6</b>	2.5	.08	2.6	.01	2.6	.01
		2	Sometimes	109	41	1,130	39	4,461	39	92,686	37							
		3	Often	99	37	1,023	35	4,278	35	92,456	35							
		4	Very often	45	15	427	14	2,007	17	46,928	17							
		Total		272	100	2,894	100	11,708	100	253,428	100							
f. Explained course material to one or more students	CLexplain	1	Never	7	3	166	6	554	5	12,702	6	<b>2.7</b>	2.6	.10	2.7	.03	2.7	.02
		2	Sometimes	108	41	1,170	40	4,394	38	91,093	36							
		3	Often	108	40	1,133	40	4,724	40	102,328	39							
		4	Very often	49	17	424	15	2,025	17	46,745	18							
		Total		272	100	2,893	100	11,697	100	252,868	100							

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





# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### 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	SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017			
				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	76	30	809	29	3,460	32	74,767	33	<b>2.1</b>	2.0	.04	2.0	.07	2.0	.10
		2	Sometimes	102	41	1,189	45	4,689	42	102,696	42							
		3	Often	53	21	517	19	2,089	19	44,245	18							
		4	Very often	22	8	180	7	802	7	16,704	7							
		Total		253	100	2,695	100	11,040	100	238,412	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	59	23	603	22	2,608	24	57,252	25	<b>2.2</b>	2.2	.03	2.2	.04	2.1	.08
		2	Sometimes	107	43	1,261	47	5,006	45	110,780	46							
		3	Often	62	25	627	23	2,435	22	51,147	21							
		4	Very often	24	9	210	8	971	9	19,039	8							
		Total		252	100	2,701	100	11,020	100	238,218	100							
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																		
a. Memorizing course material	memorize	1	Very little	4	2	101	4	343	3	8,890	4	<b>3.0</b>	2.9	.12	3.0	.08	2.9 *	.15
		2	Some	54	21	680	25	2,603	24	61,876	26							
		3	Quite a bit	125	50	1,258	47	5,153	47	109,141	46							
		4	Very much	66	27	644	24	2,896	26	58,065	24							
		Total		249	100	2,683	100	10,995	100	237,972	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	4	2	140	5	435	4	7,960	4	<b>2.8</b>	2.8	-.03	2.9	-.06	2.9	-.12
		2	Some	78	33	736	28	2,936	27	58,350	25							
		3	Quite a bit	122	46	1,197	44	5,146	46	112,599	47							
		4	Very much	49	19	602	23	2,443	23	58,307	24							
		Total		253	100	2,675	100	10,960	100	237,216	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	5	2	116	5	429	4	8,302	4	<b>2.8</b>	2.9	-.04	2.9	-.04	2.9	-.10
		2	Some	74	30	722	27	3,050	28	61,238	26							
		3	Quite a bit	127	49	1,189	45	4,928	44	106,715	45							
		4	Very much	45	18	632	23	2,515	23	59,879	25							
		Total		251	100	2,659	100	10,922	100	236,134	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	7	3	116	5	414	4	9,081	4	<b>2.9</b>	2.8	.02	2.9	-.04	2.9	-.04
		2	Some	71	29	725	28	2,920	27	62,614	27							
		3	Quite a bit	123	48	1,228	46	5,091	46	108,037	45							
		4	Very much	51	20	584	21	2,493	23	56,106	24							
		Total		252	100	2,653	100	10,918	100	235,838	100							

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### 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	SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017			
				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	8	3	112	4	435	4	9,450	4	<b>2.8</b>	2.8	-.07	2.8	-.09	2.9	-.11
		2	Some	78	33	776	30	3,095	29	64,040	28							
		3	Quite a bit	123	46	1,188	45	4,962	45	107,635	45							
		4	Very much	43	17	575	21	2,410	22	54,365	23							
		Total		252	100	2,651	100	10,902	100	235,490	100							
<b>5. During the current school year, to what extent have your instructors done the following?</b>																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	3	1	55	2	210	2	4,597	2	<b>3.0</b>	3.1	-.12	3.1 *	-.13	3.1 *	-.14
		2	Some	59	25	536	20	2,191	21	46,150	20							
		3	Quite a bit	128	51	1,267	48	5,079	46	111,122	46							
		4	Very much	60	23	780	30	3,410	31	73,664	32							
		Total		250	100	2,638	100	10,890	100	235,533	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	8	3	96	4	389	4	6,980	3	<b>2.9</b>	3.0	-.02	3.0	-.05	3.0	-.09
		2	Some	51	20	604	22	2,346	22	48,083	21							
		3	Quite a bit	138	56	1,262	49	5,032	45	111,387	47							
		4	Very much	53	21	676	26	3,104	29	68,783	29							
		Total		250	100	2,638	100	10,871	100	235,233	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	8	5	97	4	358	4	7,316	4	<b>2.9</b>	2.9	-.04	3.0	-.11	3.0 *	-.13
		2	Some	52	21	648	24	2,436	23	50,262	22							
		3	Quite a bit	130	52	1,185	45	4,740	43	103,389	43							
		4	Very much	60	22	699	27	3,322	31	73,918	31							
		Total		250	100	2,629	100	10,856	100	234,885	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	20	8	211	8	788	8	17,202	8	<b>2.9</b>	2.8	.09	2.8	.04	2.8	.04
		2	Some	54	21	734	28	3,086	29	66,893	29							
		3	Quite a bit	116	47	1,077	40	4,185	38	89,278	37							
		4	Very much	60	23	610	23	2,798	26	61,439	26							
		Total		250	100	2,632	100	10,857	100	234,812	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	19	8	210	8	923	9	18,957	8	<b>2.7</b>	2.7	.06	2.7	.03	2.7	.00
		2	Some	74	29	880	33	3,448	32	73,791	31							
		3	Quite a bit	108	44	1,034	39	4,198	38	90,863	38							
		4	Very much	48	19	502	19	2,264	21	50,609	22							
		Total		249	100	2,626	100	10,833	100	234,220	100							

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### 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	SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>6. During the current school year, about how often have you done the following?</b>																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	38	15	404	15	1,314	12	27,256	11	<b>2.4</b>	2.5	-.07	2.5 *	-.14	2.6 **	-.18
		2	Sometimes	101	40	1,013	38	4,156	38	86,568	36							
		3	Often	84	32	875	34	3,918	36	86,190	37							
		4	Very often	27	12	329	14	1,419	14	34,289	15							
		Total		250	100	2,621	100	10,807	100	234,303	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	61	24	647	24	2,368	21	49,239	21	<b>2.2</b>	2.2	.01	2.3	-.06	2.3	-.10
		2	Sometimes	97	39	1,066	41	4,536	41	96,121	41							
		3	Often	73	30	700	27	2,913	27	64,639	28							
		4	Very often	18	7	205	8	997	10	24,090	11							
		Total		249	100	2,618	100	10,814	100	234,089	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	48	19	633	23	2,244	20	45,370	19	<b>2.2</b>	2.2	.03	2.2	-.05	2.3	-.09
		2	Sometimes	115	46	1,093	43	4,707	43	100,811	43							
		3	Often	75	30	727	28	3,019	28	66,815	29							
		4	Very often	12	5	162	6	852	9	21,170	9							
		Total		250	100	2,615	100	10,822	100	234,166	100							
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</b>																		
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	11	5	103	5	610	6	11,051	6	<b>6.7</b>	6.6	.01	6.2	.10	6.6	.01
		1.5	1-2	40	20	426	19	2,168	22	40,898	20							
		4	3-5	82	33	789	34	3,232	33	68,504	32							
		8	6-10	54	23	559	24	2,217	23	52,101	24							
		13	11-15	19	8	230	10	904	9	21,933	10							
		18	16-20	15	6	92	4	363	4	9,739	4							
		23	More than 20	11	4	115	5	390	4	10,366	5							
		Total		232	100	2,314	100	9,884	100	214,592	100							
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	79	36	753	33	3,913	40	71,795	35	<b>2.3</b>	2.4	-.03	2.0	.09	2.2	.00
		1.5	1-2	91	38	920	39	3,743	37	83,250	38							
		4	3-5	43	18	408	18	1,413	15	38,146	17							
		8	6-10	9	5	153	7	531	6	13,713	7							
		13	11-15	6	3	34	2	129	1	3,278	2							
		18	16-20	2	1	10	0	26	0	990	1							
		23	More than 20	2	1	19	1	50	1	1,058	1							
Total		232	100	2,297	100	9,805	100	212,230	100									

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



# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### 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	SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017			
				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	190	81	1,793	77	8,000	81	160,883	76	<b>.8</b>	.9	-.04	.7	.02	.9	-.03
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	27	13	339	15	1,218	12	35,477	16							
		4	3-5	5	2	71	3	251	3	6,908	3							
		8	6-10	3	1	42	2	179	2	4,053	2							
		13	11-15	4	2	24	1	76	1	1,986	1							
		18	16-20	1	0	9	0	24	0	694	0							
		23	More than 20	2	1	19	1	53	1	997	1							
		Total			232	100	2,297	100	9,801	100	210,998	100						
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									<b>49.7</b>	52.2	-.03	45.0	.07	50.3	-.01
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																		
a. People of a race or ethnicity other than your own	DDrace	1	Never	9	4	98	5	501	6	9,806	5	<b>3.0</b>	3.0	-.08	3.0	.00	3.0	-.06
		2	Sometimes	58	25	530	23	2,602	26	52,636	24							
		3	Often	90	39	775	33	3,303	33	69,664	32							
		4	Very often	74	32	892	38	3,431	35	82,013	38							
			Total	231	100	2,295	100	9,837	100	214,119	100							
b. People from an economic background other than your own	DDeconomic	1	Never	5	2	105	5	461	5	9,158	5	<b>3.0</b>	3.0	-.05	3.0	-.02	3.0	-.06
		2	Sometimes	58	25	519	23	2,429	25	50,267	24							
		3	Often	108	48	902	39	3,737	38	79,066	37							
		4	Very often	60	25	764	33	3,184	32	75,015	35							
			Total	231	100	2,290	100	9,811	100	213,506	100							
c. People with religious beliefs other than your own	DDreligion	1	Never	11	5	147	7	657	7	14,575	7	<b>2.8</b>	2.9	-.09	2.9	-.09	2.9	-.11
		2	Sometimes	72	32	600	27	2,602	27	56,652	26							
		3	Often	88	38	792	34	3,353	34	69,381	32							
		4	Very often	60	25	756	32	3,200	32	72,881	34							
			Total	231	100	2,295	100	9,812	100	213,489	100							
d. People with political views other than your own	DDpolitical	1	Never	4	2	165	7	546	6	12,308	6	<b>3.1</b>	2.9 ***	.23	2.9 *	.15	3.0 *	.14
		2	Sometimes	57	24	688	29	2,528	26	57,270	27							
		3	Often	87	38	729	32	3,376	34	71,070	33							
		4	Very often	83	36	709	31	3,365	34	72,694	34							
			Total	231	100	2,291	100	9,815	100	213,342	100							

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### 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	SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017			
				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	2	1	46	3	163	2	3,323	2	<b>2.9</b>	2.9	-0.07	3.0 *	-0.13	3.0 **	-0.19
		2	Sometimes	64	29	516	24	2,133	22	43,850	21							
		3	Often	109	49	1,128	50	4,856	50	102,434	48							
		4	Very often	53	21	577	24	2,599	26	62,616	29							
		Total		228	100	2,267	100	9,751	100	212,223	100							
b. Reviewed your notes after class	LSnotes	1	Never	14	7	119	6	413	5	9,803	5	<b>2.8</b>	2.8	-0.02	2.9	-0.11	2.9	-0.10
		2	Sometimes	66	29	703	32	2,810	30	62,996	30							
		3	Often	87	39	855	38	3,522	36	76,279	36							
		4	Very often	62	25	597	25	3,012	30	63,057	29							
		Total		229	100	2,274	100	9,757	100	212,135	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	17	8	132	6	602	7	12,424	6	<b>2.7</b>	2.8	-0.02	2.8	-0.05	2.8	-0.06
		2	Sometimes	62	29	709	32	2,945	31	65,763	31							
		3	Often	100	44	944	41	3,937	40	82,533	39							
		4	Very often	49	20	479	21	2,250	23	50,518	24							
		Total		228	100	2,264	100	9,734	100	211,238	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	0	0	15	1	87	1	1,605	1	<b>5.4</b>	5.3	.11	5.4	.05	5.4	.00
		2		2	1	26	1	128	2	2,364	1							
		3		8	4	115	5	452	5	8,559	4							
		4		27	12	316	14	1,162	12	23,681	12							
		5		80	36	819	36	3,395	35	69,925	33							
		6		66	29	538	23	2,355	24	57,602	26							
		7	Very much	46	18	432	19	2,122	22	47,503	23							
		Total		229	100	2,261	100	9,701	100	211,239	100							
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		9	5	290	13	1,264	14	24,111	13	<b>9%</b>	8%	.06	6% *	.13	8%	.06
		Do not plan to do		9	5	108	5	426	5	9,752	5							
		Plan to do		187	81	1,675	74	7,416	75	160,536	74							
		Done or in progress		23	9	178	8	567	6	16,457	8							
		Total		228	100	2,251	100	9,673	100	210,856	100							

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



# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### 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	SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017	
				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	2	1	40	2	187	2	3,277	2	<b>5.5</b>	5.3 **	.19	5.3 *	.17	5.4	.09	
		2		8	4	54	2	199	2	4,202	2								
		3		10	4	144	6	572	6	10,713	5								
		4		20	8	310	14	1,280	14	25,359	12								
		5		66	28	642	29	2,719	28	54,556	26								
		6		49	23	534	24	2,361	24	55,135	26								
		7	Excellent	71	31	477	21	2,189	23	53,974	25								
		—	Not applicable	1	0	24	1	77	1	2,006	1								
			Total	227	100	2,225	100	9,584	100	209,222	100								
b. Academic advisors	QIadvisor	1	Poor	7	3	98	4	394	4	6,979	4	<b>5.0</b>	4.9	.10	5.1	.00	5.2	-.09	
		2		13	5	127	6	510	5	9,411	5								
		3		14	6	216	9	869	9	16,208	8								
		4		43	18	393	18	1,403	15	28,766	13								
		5		51	23	498	23	1,921	20	42,553	20								
		6		47	22	386	17	1,900	20	43,558	21								
		7	Excellent	49	21	464	21	2,444	25	57,189	28								
		—	Not applicable	3	1	40	2	130	2	4,338	2								
			Total	227	100	2,222	100	9,571	100	209,002	100								
c. Faculty	QIfaculty	1	Poor	2	1	40	2	202	2	3,745	2	<b>5.3</b>	5.1	.13	5.2	.09	5.3	.03	
		2		8	4	59	3	273	3	5,771	3								
		3		14	6	153	7	654	7	12,394	6								
		4		33	14	365	16	1,381	14	28,755	14								
		5		56	25	653	29	2,586	26	53,611	25								
		6		63	27	534	25	2,436	25	56,477	26								
		7	Excellent	50	23	394	17	1,932	20	45,571	22								
		—	Not applicable	1	0	20	1	87	1	2,188	1								
			Total	227	100	2,218	100	9,551	100	208,512	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### 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	SUNY Cortland				SUNY				Peer Colleges				NSSE 2016 & 2017				SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	6	3	75	4	434	5	7,976	4	<b>5.1</b>	4.9 *	.15	4.9	.12	5.0	.07									
		2		8	4	88	4	407	4	8,757	4																
		3		17	6	197	9	753	8	14,922	7																
		4		36	15	328	15	1,353	14	29,003	14																
		5		44	19	551	25	2,074	22	45,059	21																
		6		58	27	416	19	1,943	19	43,791	20																
		7	Excellent	46	20	362	16	1,806	19	40,536	19																
		—	Not applicable	12	6	199	9	780	9	18,446	11																
	Total	227	100	2,216	100	9,550	100	208,490	100																		
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	5	3	75	4	440	5	8,514	4	<b>5.0</b>	4.9	.06	4.9	.05	5.0	.01									
		2		6	3	112	5	520	6	10,203	5																
		3		29	12	189	8	823	9	16,488	8																
		4		35	14	370	17	1,437	15	31,153	15																
		5		59	27	519	23	2,121	22	45,766	21																
		6		47	22	411	20	1,868	19	42,899	20																
		7	Excellent	36	16	367	16	1,837	19	39,755	20																
		—	Not applicable	9	4	177	7	529	6	14,036	7																
	Total	226	100	2,220	100	9,575	100	208,814	100																		
<b>14. How much does your institution emphasize the following?</b>																											
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	5	3	46	2	140	2	2,999	2	<b>3.1</b>	3.0	.04	3.1	-.03	3.1	-.10									
		2	Some	42	20	431	21	1,706	19	32,373	17																
		3	Quite a bit	100	46	1,010	48	4,432	48	94,498	47																
		4	Very much	76	32	624	29	2,842	31	69,933	34																
			Total	223	100	2,111	100	9,120	100	199,803	100																
b. Providing support to help students succeed academically	SEacademic	1	Very little	5	3	86	5	313	4	6,323	4	<b>3.1</b>	3.0	.13	3.0	.08	3.1	.03									
		2	Some	36	16	465	23	1,845	21	38,519	20																
		3	Quite a bit	109	51	924	44	4,017	44	86,009	43																
		4	Very much	71	30	620	29	2,864	31	67,555	33																
			Total	221	100	2,095	100	9,039	100	198,406	100																
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	15	7	141	7	520	6	10,488	6	<b>3.0</b>	3.0	.07	3.1	-.04	3.1	-.04									
		2	Some	32	14	408	20	1,545	17	34,628	18																
		3	Quite a bit	94	46	845	40	3,512	38	75,686	38																
		4	Very much	80	33	704	33	3,484	38	77,621	38																
			Total	221	100	2,098	100	9,061	100	198,423	100																

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



# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### 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	SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	1	0	10	1	37	0	734	0	<b>14.5</b>	13.6	.11	13.5	.12	14.7	-.03
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	31	16	320	16	1,335	15	22,623	12							
	8	6-10 hrs	40	19	502	25	2,248	25	43,189	23								
	13	11-15 hrs	42	19	467	22	2,100	23	43,705	22								
	18	16-20 hrs	54	25	366	17	1,610	17	39,168	19								
	23	21-25 hrs	26	12	224	11	902	10	23,930	12								
	28	26-30 hrs	11	4	93	4	383	4	12,008	6								
	33	More than 30 hrs	12	5	95	5	370	4	11,792	6								
	Total			217	100	2,077	100	8,985	100	197,149	100							
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	38	17	566	27	2,778	33	57,729	33	<b>8.3</b>	6.3 **	.26	5.7 ***	.36	5.7 ***	.37
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	75	33	711	34	3,030	32	66,030	32							
	8	6-10 hrs	41	19	353	17	1,410	15	32,970	16								
	13	11-15 hrs	27	13	209	10	852	10	18,579	9								
	18	16-20 hrs	19	10	123	7	458	5	11,274	5								
	23	21-25 hrs	3	1	45	2	209	2	5,280	3								
	28	26-30 hrs	7	4	29	1	93	1	1,912	1								
	33	More than 30 hrs	6	3	27	1	120	1	2,594	1								
	Total			216	100	2,063	100	8,950	100	196,368	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	149	70	1,630	79	7,301	82	151,999	79	<b>2.8</b>	2.1	.15	2.1	.13	2.4	.08
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	23	10	132	6	364	4	9,101	4							
	8	6-10 hrs	22	11	148	7	493	5	15,673	7								
	13	11-15 hrs	8	4	87	4	391	5	9,896	5								
	18	16-20 hrs	6	3	47	2	268	3	6,376	3								
	23	21-25 hrs	4	2	12	1	88	1	2,028	1								
	28	26-30 hrs	1	0	3	0	24	0	551	0								
	33	More than 30 hrs	1	0	6	0	30	0	1,028	1								
	Total			214	100	2,065	100	8,959	100	196,652	100							

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### 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	SUNY Cortland				SUNY				Peer Colleges				NSSE 2016 & 2017				SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	187	88	1,589	77	5,803	64	136,562	67	<b>2.0</b>	3.7 *** ▼	-0.21	6.1 *** ▼	-0.41	5.8 *** ▼	-0.37									
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	2	1	66	3	432	5	9,104	4																
	8	6-10 hrs	5	2	91	4	478	5	10,161	5																	
	13	11-15 hrs	10	5	95	5	536	6	10,094	5																	
	18	16-20 hrs	0	0	85	4	667	8	10,542	6																	
	23	21-25 hrs	5	3	61	3	450	5	7,313	4																	
	28	26-30 hrs	4	2	27	1	266	3	4,171	2																	
	33	More than 30 hrs	1	0	51	2	340	4	8,637	6																	
	Total			214	100	2,065	100	8,972	100	196,584	100																
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)										<b>4.8</b>	5.7	-0.10	8.2 *** ▼	-0.30	8.1 *** ▼	-0.29										
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	143	69	1,268	62	5,020	57	109,855	57	<b>2.3</b>	2.3	.00	2.5	-0.04	2.5	-0.05									
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	47	20	561	27	2,813	30	63,017	31																
	8	6-10 hrs	13	5	119	5	627	7	12,371	7																	
	13	11-15 hrs	4	2	49	2	234	3	5,372	3																	
	18	16-20 hrs	4	2	39	2	149	2	2,978	2																	
	23	21-25 hrs	1	1	12	1	52	1	1,380	1																	
	28	26-30 hrs	1	0	5	0	23	0	443	0																	
	33	More than 30 hrs	2	1	12	1	42	1	827	0																	
	Total			215	100	2,065	100	8,960	100	196,243	100																
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	2	1	38	2	166	2	3,721	2	<b>13.4</b>	13.4	.00	12.5	.10	12.1 * ▲	.15									
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	43	18	409	19	1,966	22	42,225	22																
	8	6-10 hrs	53	23	530	24	2,412	26	54,386	27																	
	13	11-15 hrs	51	24	407	20	1,812	20	40,880	20																	
	18	16-20 hrs	28	14	298	15	1,134	13	26,253	13																	
	23	21-25 hrs	14	8	153	8	568	6	12,071	6																	
	28	26-30 hrs	6	3	66	3	279	3	5,391	3																	
	33	More than 30 hrs	16	8	165	9	615	8	11,462	6																	
	Total			213	100	2,066	100	8,952	100	196,389	100																

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



# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### 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	SUNY Cortland				SUNY				Peer Colleges				NSSE 2016 & 2017				SUNY Cortland				SUNY				Peer Colleges				NSSE 2016 & 2017			
				Count	%	Count	%	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	183	87	1,669	81	6,865	75	152,293	75	<b>1.5</b>	1.8	-0.06	2.6 ***	-0.18	3.1 ***	-0.21																	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	4	172	8	941	11	18,999	10																								
	8	6-10 hrs	5	2	93	5	429	5	8,183	5																									
	13	11-15 hrs	7	3	49	2	249	3	5,085	3																									
	18	16-20 hrs	3	2	33	2	152	2	3,215	2																									
	23	21-25 hrs	1	1	16	1	72	1	1,761	1																									
	28	26-30 hrs	1	1	6	0	33	0	789	1																									
	33	More than 30 hrs	1	0	20	1	198	3	5,695	4																									
	Total		212	100	2,058	100	8,939	100	196,020	100																									
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	132	61	1,244	60	3,838	40	91,441	44	<b>2.2</b>	2.9 *	-0.13	4.1 ***	-0.31	3.8 ***	-0.27																	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	58	28	498	24	3,193	36	66,285	34																								
	8	6-10 hrs	12	5	156	8	1,050	13	21,306	12																									
	13	11-15 hrs	6	3	76	4	407	5	8,409	5																									
	18	16-20 hrs	4	2	40	2	196	2	4,043	2																									
	23	21-25 hrs	1	1	16	1	89	1	1,904	1																									
	28	26-30 hrs	0	0	6	0	35	0	786	0																									
	33	More than 30 hrs	1	0	24	1	147	2	2,305	1																									
	Total		214	100	2,060	100	8,955	100	196,479	100																									
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																																			
reading	1	Very little	13	7	210	11	1,066	12	21,886	12	<b>2.9</b>	2.8	.08	2.7 **	.19	2.8 *	.15																		
	2	Some	63	31	626	32	3,070	34	63,350	33																									
	3	About half	71	32	582	28	2,606	29	58,060	29																									
	4	Most	49	21	445	21	1,671	19	39,087	19																									
	5	Almost all	18	9	198	9	538	6	13,979	7																									
	Total		214	100	2,061	100	8,951	100	196,362	100																									
tmreadinghrs		(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																																	
		<b>7.0</b>				6.5				.09				6.2 *				.15				6.8				.04									

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### 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	SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Mean
	tmreadinghrscol	1	0 hrs	1	0	10	1	35	0	711	0						
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	98	49	1,004	51	4,848	55	93,296	50						
		3	More than 5, up to 10 hrs	66	29	609	29	2,504	28	58,976	29						
		4	More than 10, up to 15 hrs	23	10	221	10	782	9	21,454	10						
		5	More than 15, up to 20 hrs	15	7	124	6	417	5	11,237	5						
		6	More than 20, up to 25 hrs	7	3	65	3	251	3	7,198	3						
		7	More than 25 hrs	4	1	25	1	87	1	2,738	1						
		Total			214	100	2,058	100	8,924	100	195,610	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	11	5	165	9	557	7	13,668	7	<b>2.9</b>	2.7 *	.15	2.8	.05	2.8	.07
		2	Some	50	25	547	28	2,425	27	53,270	27							
		3	Quite a bit	108	49	927	44	3,993	44	84,257	43							
		4	Very much	44	21	410	19	1,923	22	44,262	23							
		Total		213	100	2,049	100	8,898	100	195,457	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	14	6	255	13	896	10	20,917	11	<b>2.8</b>	2.6 **	.21	2.7	.10	2.7	.12
		2	Some	58	28	655	32	2,742	30	61,414	31							
		3	Quite a bit	100	47	782	37	3,536	39	74,386	38							
		4	Very much	41	19	357	17	1,732	20	38,698	20							
		Total		213	100	2,049	100	8,906	100	195,415	100							
c. Thinking critically and analytically	pgthink	1	Very little	2	1	80	4	288	4	6,116	4	<b>3.1</b>	3.0	.13	3.0	.12	3.1	.06
		2	Some	38	18	394	19	1,860	21	37,105	19							
		3	Quite a bit	106	50	975	47	4,047	44	87,345	44							
		4	Very much	67	32	599	29	2,714	31	64,885	33							
		Total		213	100	2,048	100	8,909	100	195,451	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	28	13	367	17	1,102	12	25,851	13	<b>2.5</b>	2.5	.03	2.6	-.08	2.6	-.11
		2	Some	80	38	660	31	3,009	33	61,746	31							
		3	Quite a bit	69	31	698	35	3,203	36	69,008	35							
		4	Very much	36	18	320	16	1,602	19	38,742	21							
		Total		213	100	2,045	100	8,916	100	195,347	100							

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2016 & 2017								Statistical Comparisons <sup>b</sup>						
				SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017			
				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	22	11	328	16	1,238	14	25,903	14	<b>2.7</b>	2.5 ** △	.24	2.6	.13	2.6	.08
		2	Some	59	28	755	37	3,013	34	63,380	32							
		3	Quite a bit	92	43	654	32	3,054	34	67,342	34							
		4	Very much	40	18	306	15	1,598	18	38,742	20							
		Total		213	100	2,043	100	8,903	100	195,367	100							
f. Working effectively with others	pgothers	1	Very little	11	5	149	8	584	7	12,566	7	<b>2.9</b>	2.7 * △	.17	2.8	.08	2.8	.07
		2	Some	49	25	624	31	2,455	28	53,476	28							
		3	Quite a bit	101	47	836	41	3,732	41	80,665	40							
		4	Very much	52	24	433	20	2,127	24	48,541	25							
		Total		213	100	2,042	100	8,898	100	195,248	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	13	6	236	12	988	12	20,550	12	<b>2.7</b>	2.6	.08	2.7	.06	2.7	.01
		2	Some	69	35	600	30	2,653	30	55,235	29							
		3	Quite a bit	85	38	804	39	3,463	38	73,936	37							
		4	Very much	45	21	399	19	1,790	20	45,471	23							
		Total		212	100	2,039	100	8,894	100	195,192	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	8	4	180	9	812	10	17,863	10	<b>2.9</b>	2.8	.06	2.8	.10	2.8	.10
		2	Some	57	28	514	27	2,493	28	53,681	28							
		3	Quite a bit	94	44	754	36	3,280	36	73,025	37							
		4	Very much	53	24	585	28	2,304	26	50,584	26							
		Total		212	100	2,033	100	8,889	100	195,153	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	17	8	273	14	1,043	12	21,784	12	<b>2.6</b>	2.5	.10	2.6	.03	2.6	.00
		2	Some	77	37	693	34	2,987	34	64,457	33							
		3	Quite a bit	79	38	727	36	3,247	36	70,175	35							
		4	Very much	39	17	344	16	1,610	18	38,632	20							
		Total		212	100	2,037	100	8,887	100	195,048	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	14	7	229	12	948	11	21,446	12	<b>2.7</b>	2.7	.03	2.7	.00	2.7	.01
		2	Some	68	34	627	31	2,746	31	60,591	31							
		3	Quite a bit	92	44	755	37	3,324	37	70,866	36							
		4	Very much	37	16	422	20	1,846	21	41,641	21							
		Total		211	100	2,033	100	8,864	100	194,544	100							

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>18. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	4	2	55	3	161	2	3,734	2	<b>3.2</b>	3.0 ***	.24	3.2	.10	3.2	.03	
		2	Fair	25	12	329	16	1,166	14	23,145	13								
		3	Good	100	48	1,094	54	4,537	50	93,261	48								
		4	Excellent	82	38	557	27	3,015	33	75,091	38								
			Total	211	100	2,035	100	8,879	100	195,231	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	8	3	109	6	347	4	7,237	4	<b>3.2</b>	3.1 **	.21	3.2	.09	3.2	.03	
		2	Probably no	23	11	299	15	1,151	13	23,499	12								
		3	Probably yes	90	44	943	47	3,825	43	80,612	41								
		4	Definitely yes	91	42	687	33	3,564	39	84,096	42								
			Total	212	100	2,038	100	8,887	100	195,444	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>1. During the current school year, about how often have you done the following?</b>																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	7	2	104	2	328	2	7,671	3	<b>3.1</b>	3.1	.00	3.2	-.03	3.1	.03
		2	Sometimes	110	25	1,056	24	3,639	23	77,951	25							
		3	Often	144	32	1,389	32	5,009	32	100,321	31							
		4	Very often	179	41	1,822	41	6,639	43	133,558	41							
		Total		440	100	4,371	100	15,615	100	319,501	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	112	26	1,134	26	3,375	21	66,086	21	<b>2.2</b>	2.2	-.06	2.4 ***	-.22	2.4 ***	-.22
		2	Sometimes	184	42	1,614	38	5,523	35	113,232	35							
		3	Often	85	19	970	22	3,846	25	80,936	26							
		4	Very often	56	13	637	14	2,793	19	57,144	18							
		Total		437	100	4,355	100	15,537	100	317,398	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	26	7	217	5	817	5	19,134	6	<b>2.9</b>	3.0 **	-.13	3.0 **	-.15	3.0	-.09
		2	Often	67	16	566	14	2,020	13	45,414	14							
		3	Sometimes	250	56	2,349	54	8,489	54	172,449	54							
		4	Never	95	21	1,218	27	4,203	27	79,971	26							
		Total		438	100	4,350	100	15,529	100	316,968	100							
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	206	48	1,636	37	6,964	46	135,560	45	<b>1.7</b>	2.0 ***	-.29	1.8 *	-.11	1.8 **	-.13
		2	Sometimes	170	38	1,659	39	5,625	36	116,506	36							
		3	Often	35	8	588	14	1,741	11	39,745	12							
		4	Very often	22	5	451	10	1,177	7	24,500	7							
		Total		433	100	4,334	100	15,507	100	316,311	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	22	5	665	14	1,812	13	42,311	15	<b>2.7</b>	2.4 ***	.29	2.5 ***	.26	2.4 ***	.29
		2	Sometimes	172	39	1,796	41	6,622	44	132,288	42							
		3	Often	158	37	1,290	30	4,625	29	93,308	28							
		4	Very often	83	19	586	14	2,442	15	48,104	15							
		Total		435	100	4,337	100	15,501	100	316,011	100							
f. Explained course material to one or more students	CLexplain	1	Never	9	2	289	6	681	5	18,420	7	<b>3.0</b>	2.8 ***	.28	2.8 ***	.26	2.7 ***	.32
		2	Sometimes	107	24	1,506	34	5,229	34	108,818	35							
		3	Often	190	44	1,598	38	6,018	38	119,929	37							
		4	Very often	127	30	933	22	3,573	23	68,379	21							
		Total		433	100	4,326	100	15,501	100	315,546	100							

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017			
				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	33	8	834	18	2,422	17	55,533	19	<b>2.7</b>	2.5 *** △	.28	2.5 *** △	.24	2.5 *** △	.28
		2	Sometimes	148	35	1,540	36	5,397	35	106,959	34							
		3	Often	141	32	1,193	29	4,588	29	90,384	28							
		4	Very often	112	25	749	18	3,041	19	61,846	19							
		Total		434	100	4,316	100	15,448	100	314,722	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	14	3	329	7	822	6	21,504	8	<b>2.9</b>	2.8 *** △	.18	2.9	.08	2.8 * △	.11
		2	Sometimes	129	31	1,454	33	4,542	30	89,604	29							
		3	Often	151	35	1,487	35	5,687	36	113,705	35							
		4	Very often	136	31	1,029	25	4,348	28	89,229	28							
		Total		430	100	4,299	100	15,399	100	314,042	100							
i. Given a course presentation	present	1	Never	20	6	483	10	1,332	9	33,984	12	<b>2.9</b>	2.8 ** △	.15	2.8 ** △	.14	2.7 *** △	.22
		2	Sometimes	126	28	1,289	30	4,661	31	95,640	31							
		3	Often	158	36	1,410	33	5,262	34	103,475	32							
		4	Very often	129	30	1,115	27	4,137	26	80,870	25							
		Total		433	100	4,297	100	15,392	100	313,969	100							
<b>2. During the current school year, about how often have you done the following?</b>																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	3	1	148	4	523	3	10,453	4	<b>3.1</b>	3.0 ** △	.16	3.0 *** △	.15	2.9 *** △	.17
		2	Sometimes	98	23	1,146	26	4,056	27	83,189	27							
		3	Often	192	44	1,760	42	6,245	40	128,364	41							
		4	Very often	137	32	1,204	29	4,476	29	88,868	28							
		Total		430	100	4,258	100	15,300	100	310,874	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	20	5	259	7	933	7	19,814	7	<b>2.8</b>	2.8	.00	2.8	.03	2.8	.06
		2	Sometimes	124	29	1,235	29	4,682	31	94,992	31							
		3	Often	188	44	1,594	37	5,615	36	114,232	36							
		4	Very often	98	23	1,167	27	4,028	26	80,764	25							
		Total		430	100	4,255	100	15,258	100	309,802	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	29	7	431	11	1,620	11	34,524	13	<b>2.7</b>	2.7	.05	2.7	.08	2.6 ** △	.12
		2	Sometimes	144	33	1,378	34	5,219	34	105,814	35							
		3	Often	160	37	1,393	32	4,840	31	98,871	31							
		4	Very often	95	22	1,037	24	3,531	23	69,542	22							
		Total		428	100	4,239	100	15,210	100	308,751	100							

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Effect size <sup>e</sup>	Effect size <sup>e</sup>	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	11	2	179	4	638	4	13,155	5	<b>2.8</b>	2.9	-0.05	2.8	-0.02	2.8	-0.02
		2	Sometimes	135	30	1,211	28	4,556	30	89,709	29							
		3	Often	206	49	1,827	44	6,466	43	133,699	43							
		4	Very often	75	18	1,004	24	3,493	23	71,203	23							
		Total		427	100	4,221	100	15,153	100	307,766	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	7	2	104	3	399	3	8,427	3	<b>2.9</b>	3.0	-0.09	3.0	-0.08	3.0	-0.07
		2	Sometimes	114	28	1,031	25	3,781	25	75,604	25							
		3	Often	207	48	1,897	45	6,712	44	136,388	44							
		4	Very often	96	23	1,167	28	4,205	28	85,934	28							
		Total		424	100	4,199	100	15,097	100	306,353	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	4	1	71	2	271	2	5,764	2	<b>2.9</b>	3.0	-0.04	3.0	-0.03	2.9	-0.03
		2	Sometimes	107	26	1,092	26	4,005	27	80,539	27							
		3	Often	213	51	1,896	45	6,774	45	136,319	44							
		4	Very often	96	22	1,112	27	3,973	26	82,483	26							
		Total		420	100	4,171	100	15,023	100	305,105	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	1	0	38	1	136	1	2,732	1	<b>3.2</b>	3.2	-0.04	3.2	-0.03	3.2	-0.03
		2	Sometimes	62	15	615	15	2,297	16	46,283	16							
		3	Often	215	51	1,979	47	7,006	46	141,058	46							
		4	Very often	138	33	1,526	37	5,528	37	113,798	37							
		Total		416	100	4,158	100	14,967	100	303,871	100							
<b>3. During the current school year, about how often have you done the following?</b>																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	43	11	618	15	2,040	15	50,746	18	<b>2.8</b>	2.5 ***	.24	2.5 ***	.22	2.4 ***	.36
		2	Sometimes	129	31	1,598	38	5,495	37	118,257	39							
		3	Often	114	27	1,102	26	4,097	27	77,264	24							
		4	Very often	131	30	852	21	3,344	22	57,831	18							
		Total		417	100	4,170	100	14,976	100	304,098	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	116	28	1,605	38	5,701	40	124,515	44	<b>2.3</b>	2.1 ***	.17	2.0 ***	.22	1.9 ***	.31
		2	Sometimes	141	35	1,265	30	4,631	31	93,298	30							
		3	Often	83	19	745	18	2,656	17	50,127	16							
		4	Very often	78	17	537	14	1,972	13	35,448	11							
		Total		418	100	4,152	100	14,960	100	303,388	100							

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





# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017			
				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	14	4	175	5	543	4	12,287	5	<b>2.9</b>	2.9	-0.10	3.0 **	-0.14	2.9 *	-0.11
		2	Some	119	29	985	25	3,532	24	71,234	24							
		3	Quite a bit	185	45	1,811	44	6,489	44	131,499	44							
		4	Very much	93	22	1,105	27	4,226	28	84,754	28							
		Total		411	100	4,076	100	14,790	100	299,774	100							
<b>5. During the current school year, to what extent have your instructors done the following?</b>																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	4	1	89	2	319	2	6,239	2	<b>3.1</b>	3.1	-0.03	3.2	-0.06	3.1	-0.04
		2	Some	73	18	708	17	2,432	17	50,866	17							
		3	Quite a bit	209	50	1,869	46	6,483	43	133,788	44							
		4	Very much	124	31	1,410	35	5,559	38	109,214	36							
		Total		410	100	4,076	100	14,793	100	300,107	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	8	2	134	3	449	3	8,845	3	<b>3.0</b>	3.1	-0.04	3.1	-0.08	3.1	-0.07
		2	Some	85	21	766	19	2,714	19	54,358	18							
		3	Quite a bit	207	49	1,897	46	6,542	44	135,828	45							
		4	Very much	109	28	1,278	32	5,073	35	100,766	34							
		Total		409	100	4,075	100	14,778	100	299,797	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	8	2	174	4	461	3	9,917	4	<b>3.1</b>	3.0	0.02	3.1	-0.07	3.1	-0.05
		2	Some	83	20	867	21	2,680	19	55,821	19							
		3	Quite a bit	197	47	1,705	41	6,170	41	125,559	42							
		4	Very much	123	30	1,327	33	5,454	37	108,135	36							
		Total		411	100	4,073	100	14,765	100	299,432	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	23	6	377	9	1,370	10	30,404	11	<b>2.9</b>	2.8	0.06	2.8	0.03	2.8 *	0.10
		2	Some	110	28	1,131	28	3,939	27	85,269	29							
		3	Quite a bit	171	40	1,455	36	5,177	34	103,514	34							
		4	Very much	107	26	1,110	27	4,263	29	80,058	26							
		Total		411	100	4,073	100	14,749	100	299,245	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	32	8	309	8	981	7	21,070	8	<b>2.8</b>	2.8	-0.03	2.9 *	-0.10	2.8	-0.06
		2	Some	120	29	1,168	29	3,880	27	82,863	28							
		3	Quite a bit	171	42	1,575	39	5,931	40	118,168	39							
		4	Very much	86	22	1,004	25	3,931	27	76,299	25							
		Total		409	100	4,056	100	14,723	100	298,400	100							

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	63	15	651	15	1,855	12	34,141	11	<b>2.4</b>	2.5	-0.10	2.6 ***	-0.17	2.6 ***	-0.24	
		2	Sometimes	162	40	1,428	35	5,280	35	101,391	33								
		3	Often	136	33	1,282	33	5,043	35	104,995	36								
		4	Very often	48	12	682	17	2,532	18	58,215	20								
		Total		409	100	4,043	100	14,710	100	298,742	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	105	24	964	23	2,900	19	55,191	18	<b>2.2</b>	2.3 *	-0.11	2.4 ***	-0.19	2.4 ***	-0.23	
		2	Sometimes	169	42	1,522	37	5,628	38	113,005	37								
		3	Often	96	24	1,026	26	4,090	28	85,110	29								
		4	Very often	38	10	537	14	2,048	15	45,135	16								
		Total		408	100	4,049	100	14,666	100	298,441	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	84	20	873	20	2,705	18	49,274	16	<b>2.3</b>	2.3	-0.01	2.4	-0.06	2.4 *	-0.11	
		2	Sometimes	163	39	1,636	40	5,964	40	117,976	39								
		3	Often	123	32	1,065	27	4,225	29	90,905	31								
		4	Very often	37	9	483	13	1,819	13	40,663	14								
		Total		407	100	4,057	100	14,713	100	298,818	100								
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</b>																			
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	19	6	167	5	815	6	14,953	6	<b>8.1</b>	7.8	.06	7.2 **	.14	7.7	.06	
		1.5	1-2	45	12	617	17	2,594	19	47,697	18								
		4	3-5	114	30	1,075	29	4,035	30	77,853	28								
		8	6-10	94	25	904	24	3,005	22	62,237	22								
		13	11-15	46	12	395	10	1,424	10	30,555	11								
		18	16-20	24	7	221	6	699	5	17,061	6								
		23	More than 20	36	8	333	9	1,017	7	25,391	9								
		Total		378	100	3,712	100	13,589	100	275,747	100								
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	70	19	700	20	3,247	24	58,965	23	<b>3.6</b>	3.7	-0.02	3.3	.08	3.6	.01	
		1.5	1-2	133	35	1,243	34	4,746	35	93,245	34								
		4	3-5	105	28	1,013	27	3,290	24	69,747	25								
		8	6-10	43	11	472	13	1,442	11	32,896	12								
		13	11-15	15	4	140	4	442	3	10,615	4								
		18	16-20	3	1	58	2	163	1	4,180	2								
		23	More than 20	9	2	54	1	164	1	4,108	2								
Total		378	100	3,680	100	13,494	100	273,756	100										

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. 11 pages or more	wrlongnum	0	None	147	39	1,584	43	6,618	49	123,151	46	<b>1.8</b>	1.9	-0.02	1.7	.03	1.9	-0.03	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	160	44	1,439	40	4,676	35	98,526	35								
	4	3-5	39	10	388	10	1,314	10	30,712	11									
	8	6-10	18	4	155	4	486	4	10,839	4									
	13	11-15	4	1	45	1	182	1	4,730	2									
	18	16-20	3	1	36	1	91	1	2,074	1									
	23	More than 20	3	1	35	1	115	1	2,937	1									
	Total			374	100	3,682	100	13,482	100	272,969	100								
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									<b>80.9</b>	81.1	.00	73.4	.09	79.9	.01	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	10	3	161	4	667	5	13,321	5	<b>2.9</b>	3.1 *	-0.14	3.1 **	-0.15	3.1 **	-0.16	
		2	Sometimes	124	33	881	24	3,235	23	65,383	23								
		3	Often	120	32	1,227	33	4,272	32	84,204	30								
		4	Very often	122	32	1,424	38	5,421	40	114,076	41								
			Total	376	100	3,693	100	13,595	100	276,984	100								
b. People from an economic background other than your own	DDeconomic	1	Never	10	3	152	4	538	4	11,221	5	<b>3.0</b>	3.0	-0.06	3.0	-0.09	3.1	-0.10	
		2	Sometimes	112	29	882	24	3,121	23	62,716	23								
		3	Often	133	37	1,363	37	4,881	36	97,761	35								
		4	Very often	118	32	1,287	35	5,015	37	104,612	38								
			Total	373	100	3,684	100	13,555	100	276,310	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	19	5	207	6	752	6	17,364	6	<b>2.9</b>	2.9	-0.08	3.0 **	-0.14	3.0 *	-0.11	
		2	Sometimes	116	30	975	27	3,396	25	72,308	26								
		3	Often	134	37	1,266	34	4,507	33	87,178	31								
		4	Very often	104	28	1,229	33	4,897	36	99,350	36								
			Total	373	100	3,677	100	13,552	100	276,200	100								
d. People with political views other than your own	DDpolitical	1	Never	11	3	242	6	681	5	15,104	6	<b>3.0</b>	2.9 **	.14	3.0	.00	3.0	.03	
		2	Sometimes	102	27	1,138	30	3,407	25	73,744	26								
		3	Often	141	38	1,177	32	4,527	33	89,464	32								
		4	Very often	120	33	1,120	31	4,929	36	97,671	36								
			Total	374	100	3,677	100	13,544	100	275,983	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### Seniors

				Frequency Distributions <sup>a</sup>						Statistical Comparisons <sup>b</sup>									
										<i>Your seniors compared with</i>									
				SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017	
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	10	3	78	2	279	2	5,691	2	<b>3.0</b>	3.1 **	-18	3.1 ***	-19	3.1 ***	-20	
		2	Sometimes	90	24	642	18	2,423	18	48,510	18								
		3	Often	162	45	1,674	46	5,998	44	118,992	43								
		4	Very often	109	28	1,260	34	4,790	36	101,979	37								
		Total		371	100	3,654	100	13,490	100	275,172	100								
b. Reviewed your notes after class	LSnotes	1	Never	40	12	299	8	926	7	20,868	8	<b>2.6</b>	2.8 **	-14	2.9 ***	-25	2.8 ***	-21	
		2	Sometimes	129	35	1,165	32	3,916	29	84,496	30								
		3	Often	115	30	1,219	34	4,494	33	90,132	33								
		4	Very often	86	23	972	26	4,157	31	79,450	29								
		Total		370	100	3,655	100	13,493	100	274,946	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	22	7	260	7	866	7	18,527	7	<b>2.7</b>	2.8 *	-14	2.9 ***	-22	2.8 ***	-19	
		2	Sometimes	135	37	1,083	30	3,764	28	80,619	29								
		3	Often	145	39	1,402	38	5,094	37	101,654	37								
		4	Very often	68	17	894	24	3,723	28	73,097	27								
		Total		370	100	3,639	100	13,447	100	273,897	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	3	1	51	2	135	1	2,609	1	<b>5.5</b>	5.5	.05	5.6	-.03	5.6	-.02	
		2		5	2	51	1	190	2	3,804	2								
		3		17	5	169	5	551	4	10,271	4								
		4		28	8	389	11	1,291	10	26,683	10								
		5		112	30	1,078	30	3,714	27	78,234	28								
		6		104	28	883	24	3,466	25	74,928	27								
		7	Very much	100	26	1,014	27	4,064	30	77,270	29								
Total		369	100	3,635	100	13,411	100	273,799	100										
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern		Have not decided	16	5	393	11	1,234	10	24,282	10	<b>60%</b>	51% **	.17	47% ***	.26	49% ***	.22	
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	45	13	644	17	2,147	17	44,704	18								
			Plan to do	80	22	745	21	3,486	26	63,554	24								
			Done or in progress	228	60	1,851	51	6,563	47	141,417	49								
		Total		369	100	3,633	100	13,430	100	273,957	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	SUNY Cortland				SUNY				Peer Colleges				NSSE 2016 & 2017				SUNY Cortland				SUNY				Peer Colleges				NSSE 2016 & 2017			
				Count	%	Count	%	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	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	37	10	446	12	1,603	12	29,796	12	<b>43%</b>	39%	.07	33% ***	.19	35% **	.15	△	△															
			Do not plan to do	147	41	1,552	42	5,927	46	118,461	45																								
			Plan to do	21	7	244	7	1,118	9	21,789	8																								
			Done or in progress	163	43	1,383	39	4,757	33	103,351	35																								
			Total	368	100	3,625	100	13,405	100	273,397	100																								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	38	11	515	14	1,944	15	36,929	14	<b>27%</b>	24%	.06	24%	.06	23%	.08																	
			Do not plan to do	189	53	1,933	54	6,696	50	143,049	53																								
			Plan to do	31	9	293	8	1,346	10	25,797	10																								
			Done or in progress	109	27	861	24	3,360	24	66,761	23																								
			Total	367	100	3,602	100	13,346	100	272,536	100																								
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	36	9	420	11	1,696	13	30,869	12	<b>13%</b>	14%	-.03	9% *	.13	14%	-.01	△																
			Do not plan to do	257	72	2,449	68	9,322	70	180,635	67																								
			Plan to do	19	6	208	6	976	8	18,883	7																								
			Done or in progress	52	13	534	14	1,381	9	42,500	14																								
			Total	364	100	3,611	100	13,375	100	272,887	100																								
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	40	11	492	13	2,017	16	39,742	15	<b>23%</b>	27%	-.10	22%	.04	23%	.00																	
			Do not plan to do	211	57	1,790	49	6,807	50	133,859	49																								
			Plan to do	28	8	366	10	1,594	13	31,521	12																								
			Done or in progress	87	23	953	27	2,937	22	67,309	23																								
			Total	366	100	3,601	100	13,355	100	272,431	100																								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	37	10	378	10	1,357	11	24,314	10	<b>35%</b>	46% ***	-.23	44% ***	-.19	45% ***	-.21	▽	▽															
			Do not plan to do	134	38	877	25	2,922	21	55,606	21																								
			Plan to do	64	17	670	19	3,177	24	62,769	24																								
			Done or in progress	130	35	1,671	46	5,888	44	129,774	45																								
			Total	365	100	3,596	100	13,344	100	272,463	100																								
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																																			
	servcourse		1 None	139	40	1,665	46	4,604	36	101,648	40	<b>1.8</b>	1.7 **	.15	1.8	-.06	1.7	.03	△																
			2 Some	167	46	1,547	43	6,763	50	136,628	48																								
			3 Most	51	13	315	9	1,609	12	27,970	10																								
			4 All	5	1	60	2	367	3	5,870	2																								
			Total	362	100	3,587	100	13,343	100	272,116	100																								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017	
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	0	0	58	2	159	1	3,189	1	<b>5.6</b>	5.4	.09	5.6	-.02	5.6	-.01	
		2		5	1	70	2	184	1	4,270	2								
		3		14	4	159	4	530	4	11,038	4								
		4		46	13	472	13	1,425	10	27,777	10								
		5		102	27	929	26	3,331	25	65,825	24								
		6		99	27	910	25	3,524	26	75,176	27								
		7	Excellent	98	27	941	27	4,048	31	81,733	30								
		—	Not applicable	1	0	55	1	151	1	3,757	2								
			Total	365	100	3,594	100	13,352	100	272,765	100								
b. Academic advisors	QIadvisor	1	Poor	20	6	215	6	642	5	12,627	5	<b>5.0</b>	5.0	.01	5.2	-.10	5.2	-.09	
		2		31	8	192	6	662	5	13,540	5								
		3		27	7	295	8	958	7	20,398	8								
		4		39	10	505	14	1,640	12	33,810	12								
		5		82	22	669	18	2,443	18	49,841	18								
		6		66	18	664	18	2,636	19	53,838	19								
		7	Excellent	98	29	1,020	28	4,231	32	84,361	31								
		—	Not applicable	2	0	36	1	131	1	4,043	2								
			Total	365	100	3,596	100	13,343	100	272,458	100								
c. Faculty	QIfaculty	1	Poor	2	1	56	2	189	2	4,067	2	<b>5.4</b>	5.4	.03	5.5	-.06	5.5	-.04	
		2		7	2	84	2	292	2	5,873	2								
		3		18	5	183	5	620	5	12,453	5								
		4		42	12	452	12	1,397	10	29,941	11								
		5		105	28	951	26	3,099	23	62,673	23								
		6		117	31	945	27	3,760	28	78,706	28								
		7	Excellent	73	22	895	25	3,880	30	75,913	28								
		—	Not applicable	0	0	21	1	71	1	2,063	1								
			Total	364	100	3,587	100	13,308	100	271,689	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	SUNY Cortland				SUNY				Peer Colleges				NSSE 2016 & 2017		SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	10	3	171	5	625	5	12,688	5	<b>5.1</b>	4.8 ** △	.17	4.9	.09	4.9 *	.11							
		2		14	4	174	5	601	4	12,569	5														
		3		32	9	285	8	936	7	19,774	7														
		4		54	14	510	14	1,740	13	36,379	13														
		5		90	24	711	20	2,459	18	50,926	18														
		6		62	17	572	16	2,253	17	46,759	17														
		7	Excellent	77	22	573	16	2,358	18	45,978	17														
		—	Not applicable	25	7	593	15	2,339	19	46,713	19														
	Total	364	100	3,589	100	13,311	100	271,786	100																
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	13	4	173	5	736	6	13,856	5	<b>5.1</b>	4.9	.08	4.9	.07	4.9	.09							
		2		13	4	174	5	683	5	14,624	5														
		3		29	8	291	8	1,118	8	22,850	8														
		4		54	15	576	16	1,935	14	41,751	15														
		5		93	24	782	22	2,874	21	58,113	21														
		6		86	24	726	20	2,673	20	53,618	19														
		7	Excellent	63	18	704	20	2,708	21	52,212	20														
		—	Not applicable	14	4	166	4	597	5	15,320	6														
	Total	365	100	3,592	100	13,324	100	272,344	100																
<b>14. How much does your institution emphasize the following?</b>																									
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	11	3	100	3	237	2	4,847	2	<b>3.0</b>	3.1 ** ▽	-.16	3.1 *** ▽	-.19	3.1 *** ▽	-.25							
		2	Some	85	25	659	19	2,432	19	43,842	17														
		3	Quite a bit	163	45	1,610	47	6,049	47	120,438	46														
		4	Very much	96	27	1,094	32	4,139	32	94,161	35														
			Total	355	100	3,463	100	12,857	100	263,288	100														
b. Providing support to help students succeed academically	SEacademic	1	Very little	8	3	190	6	570	5	12,173	5	<b>2.9</b>	2.9	.10	2.9	.00	2.9	.01							
		2	Some	88	25	879	25	3,009	24	61,265	24														
		3	Quite a bit	166	48	1,579	46	5,612	43	113,243	43														
		4	Very much	91	25	789	23	3,607	28	74,945	28														
			Total	353	100	3,437	100	12,798	100	261,626	100														
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	35	11	355	11	1,193	10	22,811	9	<b>2.7</b>	2.8	-.04	2.8 *	-.13	2.8 *	-.13							
		2	Some	96	27	919	26	3,097	24	64,701	25														
		3	Quite a bit	140	40	1,365	40	4,894	38	99,721	38														
		4	Very much	83	22	806	23	3,604	28	74,604	28														
			Total	354	100	3,445	100	12,788	100	261,837	100														

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2016 & 2017								Statistical Comparisons <sup>b</sup>						
				SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017			
				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	46	13	504	15	1,742	14	38,205	15	<b>2.5</b>	2.6	-.08	2.7 **	-.13	2.6	-.08
		2	Some	127	36	1,046	31	3,826	30	80,450	31							
		3	Quite a bit	124	35	1,146	34	4,245	33	84,441	32							
		4	Very much	55	16	745	21	2,959	23	58,389	22							
		Total		352	100	3,441	100	12,772	100	261,485	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	16	5	278	8	944	8	21,920	9	<b>3.0</b>	2.8 *	.13	2.9 *	.12	2.8 ***	.16
		2	Some	74	22	881	25	3,247	26	67,772	27							
		3	Quite a bit	167	46	1,425	42	5,084	39	101,757	38							
		4	Very much	95	27	845	25	3,483	27	69,828	26							
		Total		352	100	3,429	100	12,758	100	261,277	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	17	5	411	12	1,315	11	29,114	12	<b>3.0</b>	2.7 ***	.33	2.7 ***	.27	2.7 ***	.29
		2	Some	79	22	982	28	3,494	28	70,626	27							
		3	Quite a bit	146	41	1,294	38	4,736	37	96,250	36							
		4	Very much	112	32	737	22	3,202	25	64,833	24							
		Total		354	100	3,424	100	12,747	100	260,823	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	96	27	1,224	35	4,231	34	85,704	34	<b>2.2</b>	2.0 **	.15	2.1	.06	2.1	.08
		2	Some	137	39	1,231	36	4,443	34	92,157	35							
		3	Quite a bit	92	27	676	19	2,673	21	54,732	21							
		4	Very much	28	8	301	9	1,409	11	28,169	11							
		Total		353	100	3,432	100	12,756	100	260,762	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	15	5	475	13	1,804	15	41,131	18	<b>2.9</b>	2.6 ***	.36	2.6 ***	.38	2.6 ***	.38
		2	Some	88	25	1,102	32	4,022	31	76,872	29							
		3	Quite a bit	141	41	1,214	36	4,347	34	88,979	33							
		4	Very much	107	29	634	19	2,558	20	53,259	20							
		Total		351	100	3,425	100	12,731	100	260,241	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	31	10	511	15	2,158	18	51,326	21	<b>2.7</b>	2.5 **	.17	2.5 ***	.23	2.4 ***	.33
		2	Some	116	32	1,194	35	4,499	35	92,856	36							
		3	Quite a bit	134	38	1,146	34	4,049	31	76,969	29							
		4	Very much	73	20	573	17	2,006	16	38,779	14							
		Total		354	100	3,424	100	12,712	100	259,930	100							

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



# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	1	0	9	0	46	0	1,045	0	<b>13.5</b>	14.9 ** ▽	-0.16	14.4 * ▽	-0.10	15.2 *** ▽	-0.19
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	52	16	472	14	1,815	14	32,486	13							
	8	6-10 hrs	83	24	825	24	3,096	25	58,189	23								
	13	11-15 hrs	79	22	685	20	2,652	21	52,733	20								
	18	16-20 hrs	68	18	600	18	2,202	17	47,414	18								
	23	21-25 hrs	37	10	322	9	1,266	10	28,529	11								
	28	26-30 hrs	16	4	228	7	744	6	17,264	6								
	33	More than 30 hrs	16	4	281	9	891	7	22,642	9								
	Total			352	100	3,422	100	12,712	100	260,302	100							
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	78	22	1,383	38	5,384	45	105,030	43	<b>7.5</b>	5.6 *** △	.25	4.7 *** △	.40	4.9 *** △	.37
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	115	33	959	29	3,707	28	74,131	27							
	8	6-10 hrs	70	19	463	14	1,568	12	34,611	13								
	13	11-15 hrs	34	10	244	7	834	6	19,613	7								
	18	16-20 hrs	25	7	167	5	559	4	12,782	5								
	23	21-25 hrs	11	3	92	3	294	2	6,414	2								
	28	26-30 hrs	6	2	33	1	117	1	2,728	1								
33	More than 30 hrs	11	3	74	2	211	2	4,185	2									
	Total			350	100	3,415	100	12,674	100	259,494	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	215	62	2,383	69	9,251	74	180,427	72	<b>4.5</b>	3.4 * △	.16	3.5 * △	.13	3.6 * △	.12
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	31	9	232	7	526	4	13,329	4							
	8	6-10 hrs	42	11	345	10	897	7	23,438	8								
	13	11-15 hrs	30	9	214	6	739	5	17,109	6								
	18	16-20 hrs	16	5	148	4	791	6	15,808	6								
	23	21-25 hrs	6	2	51	1	219	2	4,770	2								
	28	26-30 hrs	5	1	13	0	103	1	1,875	1								
33	More than 30 hrs	5	2	32	1	160	1	2,953	1									
	Total			350	100	3,418	100	12,686	100	259,709	100							

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	SUNY Cortland				SUNY				Peer Colleges				NSSE 2016 & 2017				SUNY Cortland				SUNY				Peer Colleges				NSSE 2016 & 2017			
				Count	%	Count	%	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. Working for pay off campus	tmworkoffhrs	0	0 hrs	219	62	1,610	49	4,979	39	112,043	42	<b>6.7</b>	10.4 ***	▼	-0.30	13.7 ***	▼	-0.53	12.8 ***	▼	-0.45														
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	14	4	162	5	600	4	12,904	5																								
	8	6-10 hrs	25	7	215	6	772	6	16,337	6																									
	13	11-15 hrs	20	6	215	6	904	7	17,236	6																									
	18	16-20 hrs	25	7	294	8	1,199	9	23,096	9																									
	23	21-25 hrs	22	6	210	6	1,038	8	17,877	7																									
	28	26-30 hrs	11	3	144	4	781	6	13,143	5																									
	33	More than 30 hrs	15	5	568	15	2,412	21	46,881	21																									
	Total			351	100	3,418	100	12,685	100	259,517	100																								
Estimated number of hours working for pay	tmworkhrs										<b>11.1</b>	13.9 ***	▼	-0.21	17.2 ***	▼	-0.45	16.3 ***	▼	-0.39															
	(Continuous variable created by NSSE)																																		
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	188	55	1,838	54	6,084	49	124,021	49	<b>2.8</b>	2.9	-0.02	3.3	-0.08	3.2	-0.07																	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	111	30	1,052	30	4,440	34	91,883	34																								
	8	6-10 hrs	27	7	266	8	1,087	9	22,305	9																									
	13	11-15 hrs	15	4	113	3	467	4	9,344	4																									
	18	16-20 hrs	4	1	73	2	276	2	5,651	2																									
	23	21-25 hrs	1	0	30	1	118	1	2,463	1																									
	28	26-30 hrs	1	1	5	0	62	0	1,098	0																									
	33	More than 30 hrs	3	1	29	1	142	1	2,384	1																									
	Total			350	100	3,406	100	12,676	100	259,149	100																								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	2	1	77	2	444	4	7,944	3	<b>13.5</b>	11.4 ***	▲	.24	10.2 ***	▲	.40	10.5 ***	▲	.37														
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	71	19	944	26	3,901	31	73,728	29																								
	8	6-10 hrs	88	25	941	27	3,595	28	73,827	28																									
	13	11-15 hrs	64	18	652	20	2,102	16	46,618	18																									
	18	16-20 hrs	63	19	370	11	1,237	10	28,790	11																									
	23	21-25 hrs	19	6	149	5	513	4	12,153	5																									
	28	26-30 hrs	14	4	93	3	275	2	5,485	2																									
	33	More than 30 hrs	27	8	189	6	603	5	10,942	4																									
	Total			348	100	3,415	100	12,670	100	259,487	100																								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	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	292	82	2,343	71	8,042	61	169,270	63	<b>2.7</b>	4.6 *** ▼	-0.20	6.8 *** ▼	-0.36	6.4 *** ▼	-0.33	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	21	6	356	10	1,369	11	26,940	10								
	8	6-10 hrs	5	2	158	4	623	5	12,637	5									
	13	11-15 hrs	10	3	84	2	399	3	8,142	3									
	18	16-20 hrs	4	1	81	2	313	3	6,904	3									
	23	21-25 hrs	3	1	39	1	187	2	3,677	2									
	28	26-30 hrs	0	0	26	1	140	1	2,734	1									
	33	More than 30 hrs	14	5	318	8	1,576	13	28,753	12									
	Total			349	100	3,405	100	12,649	100	259,057	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	79	24	984	28	2,144	16	64,136	24	<b>4.6</b>	4.5	.02	5.4 * ▼	-0.13	4.8	-0.04	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	195	54	1,621	49	6,898	54	127,647	49								
	8	6-10 hrs	41	12	474	14	2,126	17	40,482	16									
	13	11-15 hrs	17	5	147	4	733	6	13,715	6									
	18	16-20 hrs	7	2	68	2	307	3	5,664	2									
	23	21-25 hrs	4	1	32	1	117	1	2,474	1									
	28	26-30 hrs	4	1	14	0	69	1	1,303	1									
	33	More than 30 hrs	3	1	75	2	295	2	4,254	2									
	Total			350	100	3,415	100	12,689	100	259,675	100								
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																			
reading		1	Very little	46	13	427	13	1,652	13	34,581	14	<b>2.8</b>	2.9	-0.06	2.9	-0.04	2.9	-0.01	
		2	Some	86	25	900	27	3,403	26	70,558	27								
		3	About half	117	34	918	26	3,558	28	71,888	28								
		4	Most	73	21	761	22	2,811	22	57,356	22								
		5	Almost all	27	8	404	12	1,251	10	25,153	9								
		Total			349	100	3,410	100	12,675	100	259,536								100
	tmreadinghrs										<b>6.5</b>	7.5 ** ▼	-0.16	7.2 * ▼	-0.11	7.4 ** ▼	-0.14		
	(Continuous variable created by NSSE. Calculated as a proportion of tmrephrs 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. See the endnotes on the last page of this report.

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
	tmreadinghrscol	1	0 hrs	1	0	9	0	46	0	1,024	0						
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	171	51	1,543	46	6,031	48	117,754	46						
		3	More than 5, up to 10 hrs	103	30	1,028	30	3,682	29	76,737	29						
		4	More than 10, up to 15 hrs	37	10	351	10	1,295	10	28,882	11						
		5	More than 15, up to 20 hrs	22	6	219	6	738	6	16,579	6						
		6	More than 20, up to 25 hrs	11	3	155	4	581	4	11,886	4						
		7	More than 25 hrs	3	1	92	3	255	2	5,621	2						
		Total			348	100	3,397	100	12,628	100	258,483	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	12	4	197	6	632	6	14,008	6	<b>3.0</b>	3.0	.05	3.0	.03	3.0	.03
		2	Some	65	18	744	22	2,706	22	54,956	22							
		3	Quite a bit	169	49	1,334	39	5,033	39	100,319	38							
		4	Very much	103	29	1,120	33	4,242	34	89,461	34							
		Total		349	100	3,395	100	12,613	100	258,744	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	10	3	284	8	853	8	19,370	8	<b>3.1</b>	2.9 ***	.21	2.9 ***	.17	2.9 ***	.20
		2	Some	61	19	811	24	2,864	23	60,168	24							
		3	Quite a bit	160	45	1,293	38	4,873	38	96,751	37							
		4	Very much	118	33	1,007	30	4,052	32	82,507	31							
		Total		349	100	3,395	100	12,642	100	258,796	100							
c. Thinking critically and analytically	pgthink	1	Very little	4	1	75	2	295	3	5,946	3	<b>3.3</b>	3.3	.02	3.3	.00	3.3	-.01
		2	Some	35	11	470	14	1,554	13	31,975	13							
		3	Quite a bit	163	46	1,324	39	4,954	39	96,303	37							
		4	Very much	146	42	1,531	45	5,837	46	124,672	47							
		Total		348	100	3,400	100	12,640	100	258,896	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	52	14	520	15	1,400	11	26,654	10	<b>2.6</b>	2.7	-.05	2.8 ***	-.18	2.9 ***	-.24
		2	Some	114	32	1,011	29	3,528	27	68,381	26							
		3	Quite a bit	114	34	1,040	31	4,185	33	85,021	33							
		4	Very much	68	21	826	25	3,525	29	78,697	31							
		Total		348	100	3,397	100	12,638	100	258,753	100							

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017	
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	29	9	352	10	1,050	9	21,805	9	<b>2.9</b>	2.8 *	.11	2.9	.02	2.9	.03	
		2	Some	72	20	849	25	2,877	23	59,867	23								Δ
		3	Quite a bit	133	38	1,162	34	4,323	34	88,608	34								
		4	Very much	114	33	1,033	30	4,387	34	88,624	34								
		Total		348	100	3,396	100	12,637	100	258,904	100								
f. Working effectively with others	pgothers	1	Very little	6	2	181	5	543	5	12,443	6	<b>3.2</b>	3.0 **	.17	3.1 *	.10	3.0 **	.14	
		2	Some	57	17	758	22	2,490	20	52,974	21								Δ
		3	Quite a bit	152	44	1,305	39	4,821	38	98,860	38								Δ
		4	Very much	134	37	1,146	33	4,762	37	94,336	35								Δ
		Total		349	100	3,390	100	12,616	100	258,613	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	22	7	368	11	1,240	11	26,214	11	<b>2.9</b>	2.8 **	.14	2.9	.09	2.8 *	.11	
		2	Some	73	21	876	26	3,004	24	61,406	24								Δ
		3	Quite a bit	148	42	1,164	33	4,404	34	88,641	34								
		4	Very much	106	30	991	29	3,980	31	82,390	31								
		Total		349	100	3,399	100	12,628	100	258,651	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	23	7	282	9	1,079	9	25,045	11	<b>2.9</b>	2.9	.03	2.9	.04	2.8	.08	
		2	Some	79	23	856	25	3,253	26	67,201	26								
		3	Quite a bit	153	43	1,192	35	4,339	34	86,993	33								
		4	Very much	94	27	1,061	31	3,953	31	79,305	30								
		Total		349	100	3,391	100	12,624	100	258,544	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	31	9	383	12	1,158	10	23,370	10	<b>2.7</b>	2.7	.01	2.8	-.08	2.8	-.09	
		2	Some	106	30	994	29	3,413	27	69,568	27								
		3	Quite a bit	135	39	1,159	34	4,516	35	91,859	35								
		4	Very much	77	22	859	25	3,523	28	73,661	28								
		Total		349	100	3,395	100	12,610	100	258,458	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	40	11	390	12	1,468	12	31,893	13	<b>2.7</b>	2.7	.00	2.7	.01	2.7	.04	
		2	Some	91	26	978	28	3,609	28	74,350	29								
		3	Quite a bit	141	40	1,126	33	4,205	33	84,383	32								
		4	Very much	77	22	891	27	3,301	26	66,986	26								
		Total		349	100	3,385	100	12,583	100	257,612	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## SUNY Cortland

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017		SUNY Cortland		SUNY		Peer Colleges		NSSE 2016 & 2017	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>18. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	6	2	92	3	313	3	5,983	3	<b>3.3</b>	3.2 ***	.19	3.2 *	.12	3.3	.09	
		2	Fair	28	8	458	14	1,403	12	28,686	12								
		3	Good	155	44	1,534	45	5,577	44	110,432	42								
		4	Excellent	160	45	1,311	38	5,339	42	113,588	43								
			Total	349	100	3,395	100	12,632	100	258,689	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	14	4	185	6	584	5	11,765	5	<b>3.3</b>	3.1 ***	.22	3.2 *	.13	3.2 *	.12	
		2	Probably no	29	9	462	14	1,571	13	32,007	12								
		3	Probably yes	128	37	1,392	41	4,824	38	98,562	38								
		4	Definitely yes	175	50	1,355	39	5,665	44	116,702	45								
			Total	346	100	3,394	100	12,644	100	259,036	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

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

### SUNY Cortland

#### 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>		
	SUNY Cortland	SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:		
														SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY	Peer Colleges	NSSE 2016 & 2017
1 a. askquest	276	2.80	2.73	2.78	2.83	.049	.017	.009	.002	.81	.82	.83	.85	2,477	9,464	201,473	.205	.794	.509	.08	.02	-.04
b. drafts	273	2.48	2.29	2.46	2.49	.058	.020	.010	.002	.96	.96	.97	.98	2,458	9,371	199,839	.002	.795	.807	.19	.02	-.01
c. unpreparedr	274	3.02	3.07	3.07	3.04	.046	.016	.008	.002	.77	.75	.76	.77	2,460	9,388	199,446	.319	.277	.632	-.06	-.07	-.03
d. attendart	272	1.87	2.12	1.98	1.93	.052	.020	.010	.002	.86	.95	.94	.92	2,446	9,365	198,780	.000	.061	.347	-.26	-.12	-.06
e. CLaskhelp	272	2.60	2.53	2.60	2.59	.050	.019	.009	.002	.83	.87	.87	.89	2,438	9,337	272	.205	.902	.841	.08	.01	.01
f. CLexplain	272	2.71	2.63	2.69	2.69	.047	.017	.009	.002	.77	.80	.81	.84	2,435	9,325	272	.118	.664	.676	.10	.03	.02
g. CLstudy	270	2.54	2.44	2.52	2.53	.056	.020	.010	.002	.92	.94	.95	.97	2,417	9,292	197,253	.103	.698	.860	.11	.02	.01
h. CLproject	269	2.67	2.56	2.64	2.62	.046	.018	.009	.002	.75	.84	.84	.88	356	288	269	.035	.576	.274	.13	.03	.06
i. present	269	2.26	2.27	2.32	2.28	.053	.019	.009	.002	.87	.87	.90	.90	2,406	9,248	196,338	.847	.237	.698	-.01	-.07	-.02
2 a. RIntegrate	266	2.53	2.52	2.55	2.58	.052	.018	.009	.002	.84	.83	.85	.84	2,376	9,135	193,243	.753	.769	.387	.02	-.02	-.05
b. RIsocietal	263	2.55	2.57	2.55	2.57	.055	.019	.009	.002	.89	.88	.88	.87	2,374	9,077	192,126	.788	.878	.719	-.02	.01	-.02
c. RIdiverse	262	2.61	2.57	2.56	2.57	.052	.020	.010	.002	.84	.91	.90	.89	343	9,040	191,195	.533	.380	.449	.04	.06	.05
d. Rlownview	262	2.70	2.75	2.75	2.77	.049	.017	.009	.002	.79	.79	.81	.81	2,342	8,985	190,091	.408	.376	.190	-.05	-.06	-.08
e. Rlperspect	260	2.87	2.89	2.90	2.89	.047	.017	.009	.002	.77	.78	.80	.80	2,314	8,918	188,791	.613	.559	.558	-.03	-.04	-.04
f. RInewview	260	2.81	2.85	2.84	2.85	.044	.018	.009	.002	.71	.80	.79	.79	346	278	259	.393	.437	.351	-.05	-.04	-.05
g. Rlconnect	258	2.96	3.00	3.01	3.02	.045	.016	.008	.002	.73	.73	.74	.74	2,285	8,787	186,367	.434	.316	.183	-.05	-.06	-.08
3 a. SFcareer	256	2.33	2.23	2.30	2.25	.062	.021	.010	.002	1.00	.94	.93	.92	315	269	256	.137	.652	.200	.10	.03	.09
b. SFotherwork	255	1.79	1.79	1.82	1.77	.054	.020	.010	.002	.87	.91	.94	.91	2,281	8,776	185,864	.906	.514	.792	-.01	-.04	.02
c. SFdiscuss	254	2.08	2.04	2.02	1.99	.057	.019	.010	.002	.91	.87	.89	.89	2,262	8,743	184,990	.523	.281	.107	.04	.07	.10
d. SFperform	253	2.19	2.17	2.16	2.12	.056	.019	.010	.002	.90	.86	.89	.88	2,266	8,726	184,833	.653	.549	.194	.03	.04	.08
4 a. memorize	250	3.01	2.92	2.95	2.90	.047	.018	.009	.002	.75	.79	.80	.81	323	8,697	250	.065	.212	.014	.12	.08	.15
b. HOapply	254	2.83	2.85	2.87	2.92	.047	.019	.009	.002	.75	.84	.81	.80	2,247	8,667	183,921	.697	.378	.054	-.03	-.06	-.12
c. HOanalyze	251	2.83	2.87	2.87	2.91	.047	.019	.009	.002	.74	.82	.82	.81	2,230	8,632	183,004	.544	.511	.129	-.04	-.04	-.10
d. HOevaluate	253	2.85	2.84	2.88	2.88	.048	.018	.009	.002	.76	.81	.80	.81	2,228	8,635	182,733	.772	.538	.556	.02	-.04	-.04
e. HOform	253	2.77	2.83	2.85	2.87	.048	.018	.009	.002	.77	.81	.81	.81	2,227	8,618	182,429	.330	.138	.072	-.07	-.09	-.11
5 a. ETgoals	250	2.96	3.06	3.06	3.07	.046	.017	.008	.002	.72	.76	.78	.77	2,215	267	250	.068	.032	.019	-.12	-.13	-.14
b. ETorganize	250	2.95	2.96	2.99	3.02	.046	.018	.009	.002	.73	.79	.81	.80	2,215	268	250	.776	.368	.103	-.02	-.05	-.09
c. ETexample	250	2.91	2.95	3.01	3.02	.050	.018	.009	.002	.79	.81	.82	.82	2,207	8,577	181,895	.535	.078	.033	-.04	-.11	-.13
d. ETdraftfb	250	2.86	2.78	2.82	2.82	.055	.020	.010	.002	.87	.89	.91	.91	321	266	250	.191	.538	.463	.09	.04	.04
e. ETfeedback	250	2.74	2.69	2.72	2.74	.054	.020	.010	.002	.86	.87	.89	.90	2,206	8,561	181,344	.387	.658	.943	.06	.03	.00

# NSSE 2017 Frequencies and Statistical Comparisons

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

### SUNY Cortland

#### 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>		
	SUNY Cortland	SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:			
														SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY	Peer Colleges	NSSE 2016 & 2017	
6 a. QRconclude	250	2.41	2.46	2.52	2.57	.056	.020	.010	.002	.89	.90	.87	.88	2,200	8,538	181,379	.331	.034	.004	-.07	-.14	-.18	
b. QRproblem	249	2.20	2.19	2.25	2.29	.056	.020	.010	.002	.89	.90	.90	.91	2,196	8,550	181,249	.901	.347	.125	.01	-.06	-.10	
c. QRevaluate	250	2.20	2.18	2.25	2.28	.050	.019	.010	.002	.80	.86	.88	.88	2,195	268	250	.680	.374	.110	.03	-.05	-.09	
7 a. wrshortnum	231	6.68	6.63	6.16	6.63	.379	.137	.063	.014	5.76	5.66	5.47	5.71	1,936	7,736	164,398	.897	.154	.889	.01	.10	.01	
b. wrmednum	231	2.26	2.36	1.97	2.24	.225	.083	.035	.008	3.42	3.40	3.05	3.23	1,918	7,678	162,435	.674	.170	.955	-.03	.09	.00	
c. wrlongnum	231	.80	.93	.75	.89	.189	.073	.030	.007	2.86	2.99	2.59	2.73	1,921	7,678	161,517	.528	.748	.632	-.04	.02	-.03	
— wrpages	229	49.74	52.18	45.01	50.26	5.000	1.786	.762	.169	75.71	73.14	65.46	67.73	1,904	7,615	160,030	.636	.284	.906	-.03	.07	-.01	
8 a. DDrace	229	2.98	3.05	2.98	3.03	.057	.022	.011	.002	.86	.90	.91	.91	1,918	7,699	163,874	.273	.959	.379	-.08	.00	-.06	
b. DDeconomic	229	2.96	3.00	2.97	3.01	.050	.021	.010	.002	.76	.87	.88	.88	313	247	228	.464	.764	.284	-.05	-.02	-.06	
c. DDreligion	229	2.83	2.91	2.91	2.93	.057	.023	.011	.002	.86	.93	.93	.94	1,917	7,675	163,327	.198	.174	.085	-.09	-.09	-.11	
d. DDpolitical	229	3.08	2.87	2.95	2.95	.054	.023	.011	.002	.82	.94	.92	.92	315	246	228	.000	.015	.016	.23	.15	.14	
9 a. LSreading	226	2.90	2.95	3.00	3.04	.049	.019	.009	.002	.73	.76	.75	.76	1,895	7,627	162,288	.350	.048	.005	-.07	-.13	-.19	
b. LSnotes	226	2.81	2.83	2.91	2.90	.059	.021	.010	.002	.89	.87	.88	.88	1,901	7,629	162,183	.789	.100	.145	-.02	-.11	-.10	
c. LSsummary	226	2.75	2.76	2.79	2.81	.057	.021	.010	.002	.86	.84	.87	.87	1,892	7,613	161,499	.825	.498	.332	-.02	-.05	-.06	
10. challenge	226	5.43	5.30	5.37	5.44	.073	.030	.015	.003	1.10	1.23	1.27	1.24	1,889	244	226	.106	.399	.942	.11	.05	.00	
11 a. intern <sup>l</sup>	226	.094	.078	.059	.078	.0195	.0066	.0028	.0007	--	--	--	--	--	--	--	.408	.028	.355	.06	.13	.06	
b. leader <sup>l</sup>	226	.094	.108	.113	.111	.0195	.0076	.0037	.0008	--	--	--	--	--	--	--	.518	.372	.411	-.05	-.06	-.06	
c. learncom <sup>l</sup>	225	.112	.111	.117	.135	.0211	.0078	.0038	.0009	--	--	--	--	--	--	--	.973	.809	.307	.00	-.02	-.07	
d. abroad <sup>l</sup>	224	.014	.020	.025	.030	.0078	.0035	.0018	.0004	--	--	--	--	--	--	--	.502	.298	.147	-.05	-.08	-.12	
e. research <sup>l</sup>	226	.027	.042	.039	.047	.0108	.0050	.0023	.0005	--	--	--	--	--	--	--	.268	.337	.153	-.09	-.07	-.11	
f. capstone <sup>l</sup>	224	.010	.019	.021	.021	.0067	.0034	.0017	.0004	--	--	--	--	--	--	--	.358	.277	.257	-.07	-.09	-.09	
12. servcourse	225	1.62	1.55	1.64	1.63	.049	.017	.008	.002	.73	.67	.70	.70	1,861	7,467	159,314	.145	.730	.873	.10	-.02	-.01	
13 a. QIstudent	224	5.53	5.26	5.29	5.40	.094	.035	.017	.004	1.41	1.39	1.41	1.40	1,844	7,415	157,606	.008	.014	.190	.19	.17	.09	
b. QIadvisor	222	5.05	4.88	5.06	5.20	.107	.042	.020	.004	1.59	1.68	1.71	1.66	1,825	7,356	155,803	.165	.957	.183	.10	.00	-.09	
c. QIfaculty	224	5.32	5.14	5.20	5.28	.093	.035	.017	.004	1.39	1.39	1.46	1.44	1,842	7,383	157,097	.062	.204	.627	.13	.09	.03	
d. QIstaff	212	5.14	4.91	4.94	5.01	.108	.040	.021	.004	1.57	1.56	1.69	1.66	1,701	6,791	142,450	.047	.092	.281	.15	.12	.07	
e. QIadmin	216	4.97	4.88	4.88	4.95	.102	.041	.021	.004	1.50	1.59	1.71	1.67	1,731	233	215	.421	.372	.861	.06	.05	.01	
14 a. empstudy	221	3.06	3.03	3.08	3.14	.054	.020	.009	.002	.80	.77	.75	.75	1,773	7,079	151,656	.598	.668	.123	.04	-.03	-.10	
b. SEacademic	218	3.08	2.97	3.02	3.06	.051	.021	.010	.002	.76	.84	.82	.82	1,758	7,018	150,533	.064	.270	.607	.13	.08	.03	
c. SElearnsup	219	3.05	2.99	3.08	3.09	.058	.023	.011	.002	.86	.90	.89	.89	1,761	233	218	.366	.553	.542	.07	-.04	-.04	



# NSSE 2017 Frequencies and Statistical Comparisons

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

### SUNY Cortland

#### 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>		
	SUNY Cortland	SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:						
														SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY	Peer Colleges	NSSE 2016 & 2017				
d. SEdiverse	219	2.84	2.78	2.76	2.78	.059	.024	.011	.002	.87	.94	.95	.95	296	235	218	.402	.172	.301	.06	.09	.06				
e. SEsocial	216	3.14	2.97	2.97	2.96	.054	.022	.010	.002	.79	.87	.86	.88	1,748	7,004	150,114	.009	.004	.003	.19	.20	.20				
f. SEwellness	214	3.11	2.89	2.91	2.93	.054	.023	.011	.002	.79	.88	.89	.90	293	231	214	.000	.000	.001	.26	.22	.20				
g. SEnonacad	217	2.61	2.33	2.35	2.37	.061	.024	.012	.003	.90	.94	.97	.97	1,742	6,992	149,720	.000	.000	.000	.29	.27	.25				
h. SEactivities	215	3.20	2.83	2.84	2.80	.053	.023	.011	.002	.77	.89	.91	.94	300	233	215	.000	.000	.000	.43	.40	.42				
i. SEevents	214	2.90	2.69	2.61	2.55	.058	.023	.011	.002	.85	.91	.94	.96	286	230	214	.001	.000	.000	.23	.31	.36				
15 a. tmprephrs	215	14.46	13.58	13.49	14.74	.552	.208	.097	.021	8.09	8.13	7.94	8.29	1,738	6,962	149,471	.138	.078	.618	.11	.12	-.03				
b. tmcocurrhrs	214	8.27	6.32	5.72	5.70	.562	.186	.087	.018	8.22	7.23	7.10	7.01	262	223	214	.001	.000	.000	.26	.36	.37				
c. tmworkonhrs	213	2.83	2.07	2.13	2.38	.391	.126	.065	.015	5.70	4.92	5.36	5.63	258	6,940	149,019	.065	.062	.245	.15	.13	.08				
d. tmworkoffhrs	212	2.03	3.68	6.07	5.76	.418	.205	.120	.026	6.08	7.99	9.86	10.10	322	247	213	.000	.000	.000	-.21	-.41	-.37				
— tmworkhrs	211	4.78	5.73	8.15	8.10	.598	.255	.137	.030	8.69	9.92	11.20	11.54	292	233	211	.145	.000	.000	-.10	-.30	-.29				
e. tmservicehrs	213	2.32	2.34	2.53	2.54	.371	.123	.058	.012	5.42	4.78	4.72	4.72	1,730	6,942	148,692	.965	.534	.507	.00	-.04	-.05				
f. tmrelaxhrs	212	13.37	13.35	12.48	12.14	.599	.231	.108	.022	8.72	9.00	8.86	8.50	1,728	6,935	148,831	.975	.149	.035	.00	.10	.15				
g. tmcarehrs	211	1.48	1.80	2.63	3.07	.335	.132	.081	.020	4.86	5.14	6.62	7.61	1,721	235	212	.404	.001	.000	-.06	-.18	-.21				
h. tmcommutehrs	213	2.19	2.89	4.14	3.79	.298	.145	.076	.015	4.35	5.62	6.26	5.90	320	240	213	.036	.000	.000	-.13	-.31	-.27				
16. reading	213	2.93	2.84	2.73	2.76	.074	.029	.013	.003	1.07	1.14	1.09	1.10	1,724	6,933	148,755	.292	.007	.027	.08	.19	.15				
— tmreadinghrs	213	7.03	6.51	6.17	6.80	.403	.149	.069	.015	5.87	5.77	5.61	5.89	1,721	6,911	148,187	.227	.029	.580	.09	.15	.04				
17 a. pgwrite	212	2.86	2.74	2.82	2.81	.055	.022	.010	.002	.80	.87	.85	.87	285	6,890	212	.032	.442	.305	.15	.05	.07				
b. pgspeak	212	2.78	2.59	2.69	2.67	.057	.024	.011	.002	.82	.93	.91	.92	291	227	212	.002	.124	.054	.21	.10	.12				
c. pgthink	212	3.12	3.02	3.02	3.07	.050	.021	.010	.002	.72	.81	.81	.81	1,713	6,895	148,048	.084	.091	.365	.13	.12	.06				
d. pganalyze	212	2.54	2.51	2.61	2.64	.064	.025	.011	.002	.94	.96	.92	.95	1,711	6,907	147,953	.673	.223	.099	.03	-.08	-.11				
e. pgwork	212	2.68	2.46	2.56	2.60	.061	.024	.012	.002	.89	.93	.95	.96	1,710	226	212	.001	.050	.201	.24	.13	.08				
f. pgothers	212	2.89	2.75	2.82	2.83	.056	.022	.011	.002	.82	.87	.87	.88	281	226	212	.018	.212	.262	.17	.08	.07				
g. pgvalues	210	2.72	2.64	2.67	2.71	.060	.024	.011	.002	.86	.93	.93	.95	1,704	6,885	210	.249	.390	.843	.08	.06	.01				
h. pgdiverse	210	2.88	2.82	2.78	2.79	.056	.024	.011	.002	.82	.94	.94	.94	294	227	210	.364	.100	.107	.06	.10	.10				
i. pgprobsolve	210	2.64	2.55	2.61	2.64	.059	.024	.011	.002	.86	.92	.92	.93	1,703	6,880	147,707	.195	.663	.982	.10	.03	.00				
j. pgcitizen	210	2.68	2.65	2.68	2.67	.057	.024	.011	.002	.82	.93	.93	.94	289	226	209	.643	.982	.809	.03	.00	.01				
18. evalexp	210	3.22	3.04	3.15	3.20	.050	.019	.009	.002	.73	.74	.73	.74	273	6,877	147,910	.001	.162	.690	.24	.10	.03				
19. sameinst	210	3.25	3.08	3.17	3.22	.053	.022	.010	.002	.77	.83	.82	.81	1,704	6,881	148,070	.005	.175	.613	.21	.09	.03				

# NSSE 2017 Frequencies and Statistical Comparisons

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

### 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>		
	SUNY Cortland	SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:		
														SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY	Peer Colleges	NSSE 2016 & 2017
1 a. askquest	440	3.13	3.12	3.15	3.10	.040	.014	.007	.002	.85	.86	.85	.87	4,216	15,913	323,864	.937	.547	.474	.00	-.03	.03
b. drafts	436	2.18	2.24	2.41	2.41	.046	.016	.008	.002	.97	1.00	1.02	1.01	4,196	462	436	.253	.000	.000	-.06	-.22	-.22
c. unpreparedr	437	2.92	3.03	3.04	2.99	.038	.013	.006	.001	.79	.78	.79	.81	4,194	15,794	320,890	.009	.002	.068	-.13	-.15	-.09
d. attendart	431	1.70	1.97	1.80	1.81	.039	.016	.007	.002	.82	.95	.90	.90	4,176	460	432	.000	.014	.003	-.29	-.11	-.13
e. CLaskhelp	434	2.69	2.43	2.46	2.42	.040	.015	.007	.002	.83	.90	.90	.91	556	462	434	.000	.000	.000	.29	.26	.29
f. CLexplain	432	3.01	2.76	2.79	2.73	.038	.014	.007	.002	.80	.86	.85	.87	555	459	432	.000	.000	.000	.28	.26	.32
g. CLstudy	433	2.74	2.47	2.51	2.47	.044	.016	.008	.002	.92	.98	.98	1.01	553	460	433	.000	.000	.000	.28	.24	.28
h. CLproject	430	2.94	2.78	2.87	2.83	.041	.015	.007	.002	.86	.90	.89	.93	543	15,634	430	.000	.099	.012	.18	.08	.11
i. present	432	2.91	2.77	2.77	2.69	.043	.016	.008	.002	.89	.96	.94	.98	553	459	432	.002	.002	.000	.15	.14	.22
2 a. RIntegrate	429	3.08	2.95	2.95	2.93	.037	.014	.007	.001	.76	.83	.83	.84	4,104	458	429	.002	.001	.000	.16	.15	.17
b. RIsocietal	429	2.85	2.84	2.82	2.79	.040	.015	.007	.002	.83	.90	.90	.90	552	457	429	.954	.464	.196	.00	.03	.06
c. RIdiverse	427	2.73	2.69	2.66	2.62	.043	.016	.008	.002	.88	.95	.95	.96	548	455	428	.342	.080	.007	.05	.08	.12
d. Rlownview	427	2.83	2.87	2.85	2.84	.036	.014	.007	.001	.74	.82	.82	.83	556	456	427	.331	.629	.694	-.05	-.02	-.02
e. Rlperspect	423	2.91	2.98	2.97	2.96	.037	.013	.007	.001	.76	.80	.80	.81	4,040	15,291	308,614	.096	.111	.181	-.09	-.08	-.07
f. Rlnewview	420	2.93	2.96	2.95	2.95	.035	.013	.006	.001	.72	.78	.78	.79	4,009	447	421	.400	.522	.572	-.04	-.03	-.03
g. Rlconnect	416	3.17	3.20	3.19	3.19	.034	.012	.006	.001	.69	.72	.73	.73	3,995	442	416	.494	.565	.550	-.04	-.03	-.03
3 a. SFcareer	418	2.77	2.53	2.55	2.42	.049	.016	.008	.002	1.00	.98	.99	.98	4,008	15,157	306,002	.000	.000	.000	.24	.22	.36
b. SFotherwork	419	2.26	2.08	2.03	1.94	.052	.018	.009	.002	1.06	1.05	1.04	1.01	3,992	441	419	.001	.000	.000	.17	.22	.31
c. SFdiscuss	416	2.41	2.31	2.26	2.15	.046	.016	.008	.002	.94	.95	.96	.95	3,978	15,091	304,291	.037	.001	.000	.11	.16	.27
d. SFperform	417	2.54	2.37	2.34	2.20	.044	.015	.008	.002	.89	.90	.93	.91	3,977	15,089	304,049	.000	.000	.000	.19	.22	.37
4 a. memorize	415	2.97	2.75	2.76	2.72	.041	.015	.007	.002	.83	.90	.88	.89	533	440	415	.000	.000	.000	.25	.24	.28
b. HOapply	415	2.99	3.02	3.09	3.09	.038	.014	.007	.001	.77	.82	.80	.79	3,948	439	415	.383	.008	.008	-.05	-.13	-.13
c. HOanalyze	411	2.91	3.00	3.04	3.05	.038	.014	.007	.001	.76	.84	.82	.82	3,923	14,998	302,127	.028	.001	.001	-.11	-.16	-.17
d. HOevaluate	413	2.89	2.93	2.96	2.93	.040	.014	.007	.002	.81	.86	.84	.86	3,914	14,967	413	.333	.077	.364	-.05	-.09	-.04
e. HOform	411	2.85	2.93	2.96	2.95	.039	.014	.007	.002	.80	.83	.82	.83	3,907	14,952	301,160	.065	.005	.020	-.10	-.14	-.11
5 a. ETgoals	410	3.11	3.13	3.16	3.15	.035	.013	.007	.001	.72	.77	.79	.78	526	437	411	.602	.180	.331	-.03	-.06	-.04
b. ETorganize	409	3.03	3.06	3.09	3.09	.037	.013	.007	.001	.75	.80	.81	.80	3,907	435	409	.469	.093	.125	-.04	-.08	-.07
c. ETexample	412	3.05	3.03	3.11	3.09	.038	.014	.007	.002	.77	.85	.82	.83	534	437	412	.676	.115	.250	.02	-.07	-.05
d. ETdraftfb	412	2.86	2.80	2.82	2.75	.043	.016	.008	.002	.88	.94	.96	.96	528	439	412	.262	.448	.020	.06	.03	.10
e. ETfeedback	410	2.77	2.80	2.86	2.82	.043	.015	.007	.002	.88	.90	.89	.90	3,889	14,881	299,711	.556	.046	.249	-.03	-.10	-.06

# NSSE 2017 Frequencies and Statistical Comparisons

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

### SUNY Cortland

#### 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>		
	SUNY Cortland	SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:		
														SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY	Peer Colleges	NSSE 2016 & 2017
6 a. QRconclude	409	2.43	2.52	2.59	2.65	.044	.016	.008	.002	.89	.95	.92	.92	526	14,870	300,011	.054	.001	.000	-.10	-.17	-.24
b. QRproblem	409	2.20	2.31	2.38	2.41	.045	.017	.008	.002	.91	.97	.96	.96	525	434	409	.022	.000	.000	-.11	-.19	-.23
c. QRevaluate	407	2.31	2.32	2.37	2.42	.044	.016	.008	.002	.89	.94	.92	.92	3,883	14,870	300,111	.888	.240	.022	-.01	-.06	-.11
7 a. wrshortnum	379	8.11	7.75	7.22	7.71	.333	.116	.055	.013	6.49	6.55	6.36	6.69	3,536	13,668	274,738	.309	.007	.241	.06	.14	.06
b. wrmednum	379	3.63	3.73	3.30	3.60	.226	.077	.036	.008	4.41	4.32	4.12	4.41	3,513	13,573	272,618	.681	.123	.879	-.02	.08	.01
c. wrlongnum	375	1.84	1.90	1.74	1.94	.162	.062	.029	.007	3.13	3.45	3.37	3.63	3,509	13,546	376	.757	.567	.518	-.02	.03	-.03
— wrpages	375	80.90	81.12	73.43	79.94	4.368	1.618	.764	.178	84.63	90.07	87.15	92.04	3,473	13,392	267,875	.964	.102	.840	.00	.09	.01
8 a. DDrace	377	2.93	3.05	3.07	3.08	.045	.016	.008	.002	.87	.90	.91	.92	3,520	13,663	275,914	.012	.004	.002	-.14	-.15	-.16
b. DDeconomic	374	2.97	3.02	3.05	3.06	.044	.016	.008	.002	.84	.87	.88	.89	3,508	13,622	275,182	.287	.099	.058	-.06	-.09	-.10
c. DDreligion	374	2.87	2.95	3.00	2.98	.045	.016	.008	.002	.88	.91	.92	.94	3,501	13,618	275,039	.122	.009	.027	-.08	-.14	-.11
d. DDpolitical	375	3.01	2.88	3.00	2.98	.043	.017	.008	.002	.84	.92	.91	.92	489	400	376	.007	.975	.514	.14	.00	.03
9 a. LSreading	371	2.98	3.12	3.13	3.14	.041	.014	.007	.002	.80	.77	.78	.79	3,473	13,542	273,972	.001	.000	.000	-.18	-.19	-.20
b. LSnotes	370	2.64	2.77	2.88	2.83	.050	.017	.008	.002	.96	.93	.93	.93	3,475	388	273,745	.009	.000	.000	-.14	-.25	-.21
c. LSsummary	370	2.67	2.79	2.87	2.84	.044	.016	.008	.002	.84	.89	.90	.90	3,462	13,509	272,647	.011	.000	.000	-.14	-.22	-.19
10. challenge	369	5.54	5.48	5.58	5.57	.065	.024	.011	.002	1.25	1.33	1.32	1.28	3,458	13,468	272,522	.366	.563	.671	.05	-.03	-.02
11 a. intern <sup>l</sup>	369	.597	.512	.470	.490	.0256	.0090	.0044	.0010	--	--	--	--	--	--	--	.002	.000	.000	.17	.26	.22
b. leader <sup>l</sup>	368	.426	.391	.335	.352	.0258	.0088	.0041	.0009	--	--	--	--	--	--	--	.193	.000	.003	.07	.19	.15
c. learncom <sup>l</sup>	367	.266	.242	.242	.232	.0231	.0078	.0037	.0008	--	--	--	--	--	--	--	.309	.272	.113	.06	.06	.08
d. abroad <sup>l</sup>	364	.133	.145	.093	.137	.0178	.0064	.0025	.0007	--	--	--	--	--	--	--	.553	.010	.806	-.03	.13	-.01
e. research <sup>l</sup>	366	.230	.273	.215	.232	.0220	.0081	.0036	.0008	--	--	--	--	--	--	--	.080	.491	.932	-.10	.04	.00
f. capstone <sup>l</sup>	365	.348	.463	.440	.451	.0250	.0090	.0043	.0010	--	--	--	--	--	--	--	.000	.000	.000	-.23	-.19	-.21
12. servcourse	361	1.76	1.66	1.81	1.74	.038	.013	.006	.001	.73	.71	.74	.72	3,405	13,392	270,650	.006	.242	.561	.15	-.06	.03
13 a. Qlstudent	364	5.57	5.45	5.59	5.58	.063	.025	.012	.003	1.21	1.38	1.33	1.34	484	13,242	266,228	.075	.701	.832	.09	-.02	-.01
b. Qladvisor	364	5.04	5.02	5.22	5.19	.096	.033	.016	.003	1.83	1.82	1.77	1.77	3,383	13,254	266,688	.812	.063	.103	.01	-.10	-.09
c. Qlfaculty	364	5.45	5.41	5.54	5.50	.066	.025	.012	.003	1.26	1.38	1.40	1.40	476	389	365	.573	.191	.422	.03	-.06	-.04
d. Qlstaff	338	5.08	4.79	4.92	4.88	.086	.034	.017	.004	1.57	1.71	1.74	1.74	449	364	338	.002	.073	.024	.17	.09	.11
e. Qladmin	349	5.05	4.91	4.93	4.89	.084	.031	.016	.003	1.56	1.69	1.74	1.73	451	373	350	.117	.159	.051	.08	.07	.09
14 a. empstudy	356	2.95	3.07	3.10	3.14	.043	.014	.007	.001	.80	.78	.76	.76	3,295	12,880	261,012	.005	.000	.000	-.16	-.19	-.25
b. SEacademic	354	2.94	2.86	2.94	2.94	.041	.015	.008	.002	.77	.83	.84	.85	458	377	354	.052	.994	.865	.10	.00	.01
c. SElearnsup	356	2.73	2.76	2.85	2.84	.050	.017	.008	.002	.93	.93	.94	.93	3,274	12,799	259,439	.532	.015	.017	-.04	-.13	-.13

# NSSE 2017 Frequencies and Statistical Comparisons

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

### SUNY Cortland

#### 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>		
	SUNY Cortland	SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY Cortland	SUNY	Peer Colleges	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:		
														SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY	Peer Colleges	NSSE 2016 & 2017	SUNY	Peer Colleges	NSSE 2016 & 2017
d. SEdiverse	353	2.53	2.61	2.66	2.61	.049	.018	.009	.002	.91	.98	.98	.99	456	376	354	.145	.010	.111	-.08	-.13	-.08
e. SEsocial	353	2.96	2.84	2.85	2.81	.044	.016	.008	.002	.83	.88	.91	.93	456	377	354	.013	.017	.001	.13	.12	.16
f. SEwellness	356	3.01	2.70	2.75	2.73	.046	.017	.009	.002	.86	.94	.95	.96	465	380	356	.000	.000	.000	.33	.27	.29
g. SEnonacad	355	2.16	2.02	2.10	2.08	.048	.018	.009	.002	.91	.95	.99	.98	3,264	12,771	258,286	.009	.239	.147	.15	.06	.08
h. SEactivities	353	2.94	2.60	2.57	2.55	.045	.017	.009	.002	.85	.94	.97	1.00	462	379	354	.000	.000	.000	.36	.38	.38
i. SEevents	356	2.68	2.52	2.46	2.36	.048	.017	.009	.002	.91	.94	.96	.97	3,256	378	356	.003	.000	.000	.17	.23	.33
15 a. tmprephrs	353	13.51	14.94	14.36	15.22	.425	.166	.078	.017	7.99	8.91	8.64	8.88	466	376	354	.002	.050	.000	-.16	-.10	-.19
b. tmcocurrhrs	351	7.49	5.56	4.66	4.89	.436	.141	.063	.014	8.16	7.60	7.00	7.07	3,243	364	350	.000	.000	.000	.25	.40	.37
c. tmworkonhrs	351	4.47	3.44	3.53	3.60	.400	.120	.065	.014	7.49	6.48	7.21	7.08	415	12,695	350	.014	.016	.030	.16	.13	.12
d. tmworkoffhrs	351	6.69	10.43	13.70	12.79	.548	.236	.121	.026	10.28	12.71	13.43	13.41	490	385	352	.000	.000	.000	-.30	-.53	-.45
— tmworkhrs	351	11.13	13.85	17.19	16.34	.634	.240	.122	.027	11.88	12.89	13.50	13.39	456	376	351	.000	.000	.000	-.21	-.45	-.39
e. tmservicehrs	350	2.84	2.94	3.28	3.24	.282	.099	.050	.011	5.27	5.31	5.59	5.51	3,233	12,681	256,544	.751	.151	.177	-.02	-.08	-.07
f. tmrelaxhrs	349	13.50	11.44	10.22	10.54	.479	.159	.074	.016	8.94	8.56	8.26	8.10	3,240	365	349	.000	.000	.000	.24	.40	.37
g. tmcarehrs	350	2.65	4.60	6.79	6.36	.409	.183	.105	.022	7.64	9.84	11.66	11.30	500	396	351	.000	.000	.000	-.20	-.36	-.33
h. tmcommutehrs	350	4.61	4.49	5.41	4.84	.324	.115	.058	.012	6.06	6.19	6.40	6.03	3,242	12,692	257,076	.735	.020	.460	.02	-.13	-.04
16. reading	348	2.84	2.92	2.89	2.86	.060	.023	.011	.002	1.13	1.21	1.18	1.18	450	12,679	256,915	.225	.443	.816	-.06	-.04	-.01
— tmreadinghrs	348	6.46	7.49	7.16	7.36	.293	.124	.058	.013	5.46	6.63	6.39	6.44	479	374	348	.001	.020	.002	-.16	-.11	-.14
17 a. pgwrite	349	3.03	2.99	3.01	3.00	.042	.017	.008	.002	.79	.89	.88	.89	462	373	349	.333	.568	.506	.05	.03	.03
b. pgspeak	349	3.09	2.90	2.94	2.91	.042	.017	.008	.002	.79	.93	.92	.94	472	375	349	.000	.000	.000	.21	.17	.20
c. pgthink	348	3.28	3.27	3.28	3.29	.038	.015	.007	.002	.71	.78	.78	.79	454	371	348	.724	.942	.762	.02	.00	-.01
d. pganalyze	348	2.62	2.67	2.80	2.85	.052	.019	.009	.002	.96	1.01	.98	.97	3,227	12,638	256,151	.420	.001	.000	-.05	-.18	-.24
e. pgwork	348	2.95	2.84	2.93	2.92	.051	.018	.009	.002	.94	.97	.96	.96	441	12,640	256,287	.040	.696	.626	.11	.02	.03
f. pgothers	349	3.16	3.01	3.07	3.03	.042	.016	.008	.002	.78	.88	.87	.89	3,223	373	349	.002	.035	.002	.17	.10	.14
g. pgvalues	348	2.94	2.80	2.86	2.83	.048	.018	.009	.002	.89	.98	.98	.99	455	371	349	.008	.080	.025	.14	.09	.11
h. pgdiverse	348	2.91	2.88	2.87	2.83	.047	.018	.009	.002	.87	.95	.96	.98	453	372	349	.575	.454	.097	.03	.04	.08
i. pgprobsolve	349	2.73	2.72	2.81	2.82	.049	.018	.009	.002	.91	.97	.95	.95	450	12,615	255,818	.873	.137	.099	.01	-.08	-.09
j. pgcitizen	349	2.74	2.74	2.73	2.70	.050	.018	.009	.002	.93	.98	.99	1.00	448	371	349	.967	.882	.430	.00	.01	.04
18. evalexp	349	3.33	3.19	3.24	3.26	.038	.014	.007	.002	.71	.78	.77	.77	3,225	12,637	256,097	.001	.028	.083	.19	.12	.09
19. sameinst	346	3.33	3.14	3.21	3.23	.043	.016	.008	.002	.81	.86	.85	.85	3,219	12,644	256,406	.000	.014	.032	.22	.13	.12

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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  $N$ s due to weighting and whether equal variances were assumed.
- k. Statistical comparisons are two-tailed independent  $t$ -tests or  $z$ -tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.
- l. Mean represents the proportion who responded "Done or in progress."