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# NSSE 2023

## Frequencies and Statistical Comparisons

St. Olaf College

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# NSSE 2023 Frequencies and Statistical Comparisons

## About This Report

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

- Class level:** As reported by your institution.
- Item numbers:** Numbering corresponds to the instrument available on the NSSE website.


- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.

- Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.

- Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.

**Note:** Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: [go.iu.edu/NSSE-weights](https://go.iu.edu/NSSE-weights)

- 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 will generate more statistically significant results even when the magnitude of mean differences are inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests. Exceptions are items 11 a-f which are compared using a  $z$ -test.



### NSSE Frequencies and Statistical Comparisons

NSSEville State University

Seniors		Frequency Distributions <sup>a</sup>										Statistical Comparisons <sup>b</sup>							
		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State	Admissions Overlap	Carnegie UG Program	NSSE Cohort						
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>6. Doing 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	3 135 112 280	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 37 29 20	401 978 858 611	14 34 31 1	35,490 79,495 67,348 17,208	16 34 29 21	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
c. Evaluated what others have concluded from numerical information	QRrevaluate	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	
				615	100	15,858	100	2,833	100	228,352	100								

- Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large (NSSE adjusts this to .1/.3/.5 for the Engagement Indicators). 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. You may not see all of these symbols in your report.

# NSSE 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				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	1	45	1	14	1	158	1	<b>3.0</b>	3.1 *	-0.13	3.1	-0.09	3.0	-0.04	
		2	Sometimes	104	26	1,361	24	458	25	3,420	27								
		3	Often	164	42	1,957	36	680	38	4,669	37								
		4	Very often	121	31	2,057	38	644	36	4,311	35								
		Total		394	100	5,420	100	1,796	100	12,558	100								
b. Asked another student to help you understand course material	CLaskhelp	1	Never	22	6	338	7	95	6	817	7	<b>2.7</b>	2.6 **	.14	2.6 **	.15	2.6 *	.13	
		2	Sometimes	141	36	2,405	45	804	46	5,342	43								
		3	Often	160	41	1,788	33	619	34	4,233	33								
		4	Very often	68	17	866	16	271	15	2,108	17								
		Total		391	100	5,397	100	1,789	100	12,500	100								
c. Explained course material to one or more students	CLexplain	1	Never	11	3	174	3	50	3	489	4	<b>2.7</b>	2.7	.00	2.7	.08	2.7	.04	
		2	Sometimes	154	40	2,197	40	755	42	5,091	41								
		3	Often	157	40	2,053	39	719	41	4,696	37								
		4	Very often	68	17	963	18	264	14	2,209	18								
		Total		390	100	5,387	100	1,788	100	12,485	100								
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	47	12	674	12	215	13	1,581	13	<b>2.5</b>	2.6	-0.03	2.5	.02	2.5	-0.01	
		2	Sometimes	150	38	2,037	38	715	40	4,709	38								
		3	Often	133	34	1,689	32	554	31	3,944	32								
		4	Very often	59	15	954	18	294	16	2,175	17								
		Total		389	100	5,354	100	1,778	100	12,409	100								
e. Worked with other students on course projects or assignments	CLproject	1	Never	8	2	205	4	60	4	471	4	<b>2.8</b>	2.7	.09	2.8	.05	2.7	.07	
		2	Sometimes	133	34	2,073	39	640	36	4,542	37								
		3	Often	175	45	2,086	39	728	41	4,958	39								
		4	Very often	70	18	960	18	341	19	2,360	19								
		Total		386	100	5,324	100	1,769	100	12,331	100								
f. Given a course presentation	present	1	Never	26	7	573	11	172	11	1,273	11	<b>2.4</b>	2.3 *	.11	2.3 *	.11	2.4	.07	
		2	Sometimes	195	51	2,838	53	932	52	6,351	51								
		3	Often	134	35	1,438	27	514	29	3,412	27								
		4	Very often	29	8	468	9	147	8	1,283	10								
		Total		384	100	5,317	100	1,765	100	12,319	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>2. During the current school year, about how often have you done the following?</b>																			
a. Combined ideas from different courses when completing assignments	RIIntegrate	1	Never	10	3	287	6	94	6	731	7	<b>2.8</b>	2.7	.05	2.7	.08	2.7	.08	
		2	Sometimes	141	37	1,884	36	644	37	4,439	36								
		3	Often	155	41	2,076	39	684	38	4,718	39								
		4	Very often	71	19	1,011	19	323	19	2,270	18								
		Total		377	100	5,258	100	1,745	100	12,158	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	14	4	207	4	67	5	633	6	<b>2.9</b>	2.9	.02	2.8	.08	2.8 *	.11	
		2	Sometimes	98	26	1,493	29	531	32	3,753	31								
		3	Often	175	46	2,135	41	703	39	4,753	39								
		4	Very often	89	24	1,383	26	424	24	2,930	24								
		Total		376	100	5,218	100	1,725	100	12,069	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	7	2	162	3	61	4	520	5	<b>3.0</b>	2.9 *	.09	2.9 **	.16	2.9 ***	.16	
		2	Sometimes	76	20	1,437	28	509	30	3,512	30								
		3	Often	203	54	2,162	42	719	41	4,874	40								
		4	Very often	89	24	1,410	27	425	24	3,049	25								
		Total		375	100	5,171	100	1,714	100	11,955	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	6	2	156	3	57	4	384	3	<b>2.9</b>	2.9	.04	2.9	.08	2.9	.07	
		2	Sometimes	94	25	1,397	27	471	28	3,325	28								
		3	Often	194	52	2,431	48	826	48	5,619	48								
		4	Very often	76	21	1,124	22	344	20	2,487	21								
		Total		370	100	5,108	100	1,698	100	11,815	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	9	2	79	2	38	3	210	2	<b>3.0</b>	3.0	.01	2.9	.07	3.0	.03	
		2	Sometimes	82	22	1,161	23	406	25	2,746	24								
		3	Often	174	47	2,466	49	819	47	5,676	48								
		4	Very often	102	28	1,315	26	412	25	2,996	26								
		Total		367	100	5,021	100	1,675	100	11,628	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	7	2	77	2	27	2	218	2	<b>3.0</b>	3.0	-.02	3.0	.02	3.0	.03	
		2	Sometimes	94	26	1,214	25	415	26	2,961	26								
		3	Often	161	44	2,294	46	788	47	5,255	46								
		4	Very often	101	28	1,366	27	426	26	3,005	26								
		Total		363	100	4,951	100	1,656	100	11,439	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf	Criterion	ACM/GLCA	Carnegie				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	2	1	18	0	6	0	71	1	<b>3.2</b>	3.2	-0.04	3.2	-0.02	3.2	.05	
		2	Sometimes	42	12	621	13	220	14	1,711	15								
		3	Often	193	54	2,421	49	805	48	5,640	49								
		4	Very often	121	34	1,832	37	615	37	3,886	34								
		Total		358	100	4,892	100	1,646	100	11,308	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	65	18	968	20	299	19	1,890	17	<b>2.2</b>	2.2	-0.02	2.3	-0.04	2.3 **	▽	
		2	Sometimes	183	51	2,352	48	788	48	5,042	44								
		3	Often	74	21	1,034	21	366	22	2,823	25								
		4	Very often	36	10	541	11	187	11	1,541	14								
		Total		358	100	4,895	100	1,640	100	11,296	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	146	41	1,985	40	663	42	4,227	38	<b>1.9</b>	1.9	.00	1.9	.03	1.9	-0.05	
		2	Sometimes	129	36	1,800	37	620	37	4,291	37								
		3	Often	59	17	738	16	244	15	1,837	17								
		4	Very often	24	7	330	7	110	7	870	8								
		Total		358	100	4,853	100	1,637	100	11,225	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	58	16	727	15	254	15	1,977	18	<b>2.2</b>	2.3 *	▽	-0.11	2.3	-0.06	2.3	-0.04
		2	Sometimes	181	51	2,352	48	810	50	5,269	47								
		3	Often	84	24	1,202	25	386	24	2,686	24								
		4	Very often	30	9	541	12	164	11	1,173	11								
		Total		353	100	4,822	100	1,614	100	11,105	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	60	17	759	16	248	16	1,705	16	<b>2.2</b>	2.3	-0.04	2.3	-0.02	2.3	-0.08	
		2	Sometimes	176	50	2,463	51	835	52	5,427	48								
		3	Often	91	26	1,135	24	395	24	2,842	26								
		4	Very often	27	8	462	10	139	9	1,135	11								
		Total		354	100	4,819	100	1,617	100	11,109	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	22	6	278	6	106	7	563	5	<b>2.7</b>	2.8 *	▽	-0.13	2.7	-0.05	2.8 **	▽
		2	Some	126	36	1,454	31	524	34	3,191	29								
		3	Quite a bit	152	43	2,103	44	685	42	4,924	44								
		4	Very much	51	15	936	19	293	18	2,344	21								
		Total		351	100	4,771	100	1,608	100	11,022	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf	Criterion	ACM/GLCA	Carnegie				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	14	4	113	2	35	2	302	3	<b>3.0</b>	3.1	-0.10	3.0	-0.06	3.0	-0.01	
		2	Some	65	19	890	18	319	20	2,415	22								
		3	Quite a bit	185	53	2,360	50	810	50	5,320	48								
		4	Very much	87	25	1,396	30	442	27	2,940	27								
		Total		351	100	4,759	100	1,606	100	10,977	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	6	2	69	1	26	2	227	2	<b>3.1</b>	3.1	.00	3.1	.06	3.0	.10	
		2	Some	58	17	856	18	329	21	2,316	21								
		3	Quite a bit	169	49	2,205	47	723	45	4,992	46								
		4	Very much	113	33	1,584	34	515	32	3,317	30								
		Total		346	100	4,714	100	1,593	100	10,852	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	3	1	97	2	39	3	239	3	<b>3.1</b>	3.1	.09	3.0 **	.17	3.0 **	.15	
		2	Some	59	17	942	20	367	23	2,393	22								
		3	Quite a bit	169	49	2,149	46	710	44	4,989	46								
		4	Very much	116	33	1,511	32	478	30	3,204	30								
		Total		347	100	4,699	100	1,594	100	10,825	100								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	3	1	91	2	37	3	224	2	<b>3.1</b>	3.1	.09	3.0 **	.16	3.0 **	.15	
		2	Some	53	15	900	19	329	21	2,294	22								
		3	Quite a bit	184	53	2,263	49	778	48	5,187	48								
		4	Very much	105	30	1,402	30	444	28	3,037	28								
		Total		345	100	4,656	100	1,588	100	10,742	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	46	1	16	1	163	2	<b>3.1</b>	3.1	-0.07	3.1	-0.07	3.1	-0.01	
		2	Some	65	19	758	17	248	16	1,925	18								
		3	Quite a bit	171	50	2,284	49	817	51	5,241	48								
		4	Very much	102	30	1,540	33	495	32	3,362	32								
		Total		341	100	4,628	100	1,576	100	10,691	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	8	2	63	2	32	2	250	3	<b>3.0</b>	3.1 **	-0.16	3.1	-0.11	3.1	-0.07	
		2	Some	64	19	755	16	258	17	1,990	19								
		3	Quite a bit	186	55	2,352	51	819	50	5,214	48								
		4	Very much	82	24	1,450	32	471	30	3,213	30								
		Total		340	100	4,620	100	1,580	100	10,667	100								

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

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## St. Olaf College

### 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	3	1	78	2	28	2	260	3	<b>3.1</b>	3.1	-08	3.1	-01	3.1	.00	
		2	Some	70	21	856	19	309	20	2,135	20								
		3	Quite a bit	168	50	2,079	45	741	47	4,754	44								
		4	Very much	98	29	1,581	34	495	31	3,481	33								
		Total		339	100	4,594	100	1,573	100	10,630	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	14	4	201	4	67	4	492	5	<b>2.8</b>	2.9 **	-18	3.0 ***	-23	2.9 **	-18	
		2	Some	114	34	1,194	26	369	23	2,662	25								
		3	Quite a bit	139	41	1,839	40	667	43	4,296	40								
		4	Very much	70	21	1,349	29	471	30	3,161	30								
		Total		337	100	4,583	100	1,574	100	10,611	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	11	3	150	3	54	3	492	5	<b>2.8</b>	2.9 *	-12	2.9	-11	2.9	-05	
		2	Some	106	32	1,212	26	432	27	2,938	28								
		3	Quite a bit	146	44	2,016	44	679	44	4,486	42								
		4	Very much	71	21	1,179	26	401	26	2,630	25								
		Total		334	100	4,557	100	1,566	100	10,546	100								
f. Explained in advance the criteria for successfully completing your assignments	eterriteria	1	Very little	6	2	91	2	40	3	254	3	<b>3.0</b>	3.1	-06	3.0	-03	3.0	-01	
		2	Some	73	22	934	20	315	20	2,328	22								
		3	Quite a bit	166	50	2,155	48	763	49	4,882	46								
		4	Very much	88	26	1,352	30	439	28	3,025	29								
		Total		333	100	4,532	100	1,557	100	10,489	100								
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	7	2	101	2	39	3	258	3	<b>3.0</b>	3.0	-05	3.0	-02	3.0	-01	
		2	Some	72	22	967	21	319	20	2,312	22								
		3	Quite a bit	167	51	2,161	48	779	51	4,960	47								
		4	Very much	84	25	1,287	29	411	26	2,921	28								
		Total		330	100	4,516	100	1,548	100	10,451	100								
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	10	3	151	3	59	4	552	6	<b>2.7</b>	2.8	-09	2.8	-07	2.7	-02	
		2	Some	117	36	1,462	32	496	32	3,495	33								
		3	Quite a bit	154	47	2,059	46	716	47	4,463	43								
		4	Very much	47	14	832	19	276	18	1,916	19								
		Total		328	100	4,504	100	1,547	100	10,426	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf	Criterion	ACM/GLCA		Carnegie		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	3	1	72	2	25	2	212	3	<b>3.1</b>	3.2	-.09	3.2 *	-.12	3.1	-.03
		2	Some	64	19	668	15	213	14	1,693	16							
		3	Quite a bit	160	49	2,189	49	738	47	4,946	47							
		4	Very much	102	31	1,557	35	565	37	3,536	34							
		Total		329	100	4,486	100	1,541	100	10,387	100							
<b>6. During the current school year, about how often have you done the following?</b>																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	35	11	458	10	177	11	1,101	11	<b>2.5</b>	2.6	-.09	2.5	-.01	2.6	-.05
		2	Sometimes	127	39	1,599	35	593	39	3,826	37							
		3	Often	116	36	1,636	38	539	35	3,699	37							
		4	Very often	47	15	711	17	214	15	1,584	16							
		Total		325	100	4,404	100	1,523	100	10,210	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	39	12	697	16	267	17	1,706	16	<b>2.5</b>	2.4	.04	2.3 *	.15	2.4	.07
		2	Sometimes	140	43	1,765	40	657	43	4,147	40							
		3	Often	102	32	1,344	31	442	30	3,061	31							
		4	Very often	43	13	568	13	153	10	1,245	13							
		Total		324	100	4,374	100	1,519	100	10,159	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	23	7	605	13	247	16	1,535	15	<b>2.6</b>	2.5 *	.14	2.4 ***	.24	2.4 ***	.18
		2	Sometimes	134	41	1,767	40	650	42	4,180	41							
		3	Often	123	38	1,443	34	464	32	3,214	33							
		4	Very often	43	13	537	13	152	10	1,172	12							
		Total		323	100	4,352	100	1,513	100	10,101	100							
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</b>																		
a. Up to 5 pages	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	9	3	90	2	38	3	258	3	<b>8.1</b>	8.1	.00	8.4	-.04	7.7	.07
		1.5	1-2	48	15	514	12	177	12	1,367	14							
		4	3-5	79	25	1,313	30	442	29	3,209	32							
		8	6-10	98	31	1,276	29	418	28	2,806	28							
		13	11-15	44	14	647	15	221	15	1,320	13							
		18	16-20	21	7	248	6	94	6	549	5							
		23	More than 20	20	6	264	6	118	8	582	6							
Total		319	100	4,352	100	1,508	100	10,091	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Between 6 and 10 pages	wrmednum	0	None	108	34	904	21	329	23	2,567	26	<b>2.3</b>	2.9 **	-0.17	2.9 **	-0.18	2.7 *	-0.12	
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	129	40	1,816	42	608	40	4,104	40								
		4	3-5	55	17	1,136	26	390	25	2,307	23								
		8	6-10	16	5	341	8	115	8	746	8								
		13	11-15	7	2	92	2	36	3	216	2								
		18	16-20	3	1	28	1	13	1	56	1								
		23	More than 20	2	1	29	1	15	1	72	1								
	Total			320	100	4,346	100	1,506	100	10,068	100								
c. 11 pages or more	wrlongnum	0	None	249	78	3,011	69	1,040	68	7,249	71	<b>.9</b>	1.0	-0.04	1.0	-0.03	1.0	-0.04	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	51	16	996	23	356	24	2,023	20								
		4	3-5	10	3	174	4	52	3	382	4								
		8	6-10	1	0	66	2	26	2	186	2								
		13	11-15	3	1	47	1	15	1	120	1								
		18	16-20	2	1	23	1	9	1	40	0								
		23	More than 20	4	1	25	1	7	0	64	1								
	Total			320	100	4,342	100	1,505	100	10,064	100								
Estimated number of assigned pages of student writing.	wrpages											<b>56.4</b>	62.1	-0.08	63.0	-0.09	59.5	-0.04	
	(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																		
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of races or ethnicities other than your own	DDrace	1	Never	3	1	60	1	23	2	238	3	<b>3.2</b>	3.2	.05	3.1	.10	3.1	.10	
		2	Sometimes	61	19	989	23	381	24	2,331	23								
		3	Often	123	39	1,504	34	511	34	3,420	34								
		4	Very often	131	41	1,798	41	595	40	4,096	40								
		Total			318	100	4,351	100	1,510	100	10,085								100
b. People from economic backgrounds other than your own	DDeconomic	1	Never	3	1	77	2	31	2	219	2	<b>3.2</b>	3.1	.00	3.1	.02	3.1	.03	
		2	Sometimes	68	21	926	21	338	22	2,168	22								
		3	Often	126	39	1,639	38	559	37	3,774	37								
		4	Very often	122	38	1,702	40	576	39	3,896	39								
		Total			319	100	4,344	100	1,504	100	10,057								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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. People with religious beliefs other than your own	DDreligion	1	Never	4	1	117	3	50	4	357	4	<b>3.1</b>	3.1	.04	3.0 *	.12	3.0	.11	
		2	Sometimes	77	24	1,013	23	389	25	2,545	26								
		3	Often	114	36	1,596	36	545	37	3,530	35								
		4	Very often	123	39	1,617	37	522	34	3,632	36								
		Total		318	100	4,343	100	1,506	100	10,064	100								
d. People with political views other than your own	DDpolitical	1	Never	31	10	413	9	145	10	809	8	<b>2.5</b>	2.7 ***	-.20	2.6 *	-.14	2.8 ***	-.28	
		2	Sometimes	163	51	1,776	40	614	41	3,616	35								
		3	Often	63	20	1,063	25	404	27	2,888	29								
		4	Very often	63	20	1,094	26	346	23	2,744	28								
		Total		320	100	4,346	100	1,509	100	10,057	100								
e. People with sexual orientations other than your own	ddsexorient	1	Never	6	2	121	3	78	6	449	5	<b>3.2</b>	3.1 *	.13	3.1 **	.16	3.0 ***	.21	
		2	Sometimes	51	16	906	22	317	21	2,345	24								
		3	Often	123	38	1,503	34	483	32	3,294	32								
		4	Very often	140	44	1,806	41	631	42	3,956	39								
		Total		320	100	4,336	100	1,509	100	10,044	100								
f. People from countries other than your own	ddcountry	1	Never	2	1	118	3	48	3	524	5	<b>3.2</b>	2.9 ***	.28	3.0 ***	.25	2.8 ***	.38	
		2	Sometimes	66	21	1,436	33	473	30	3,637	36								
		3	Often	125	39	1,436	33	520	35	3,023	30								
		4	Very often	127	40	1,357	32	467	32	2,878	29								
		Total		320	100	4,347	100	1,508	100	10,062	100								
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	4	1	34	1	17	1	103	1	<b>3.2</b>	3.2	-.05	3.2	-.01	3.1	.06	
		2	Sometimes	44	14	620	15	230	16	1,753	18								
		3	Often	160	51	2,041	47	701	46	4,754	47								
		4	Very often	107	34	1,619	37	553	37	3,388	34								
		Total		315	100	4,314	100	1,501	100	9,998	100								
b. Reviewed your notes after class	LSnotes	1	Never	25	8	197	5	83	6	447	5	<b>2.7</b>	2.9 **	-.16	2.8	-.07	2.9 **	-.18	
		2	Sometimes	115	36	1,401	33	507	35	3,144	32								
		3	Often	103	32	1,548	36	549	37	3,587	36								
		4	Very often	74	23	1,174	27	360	23	2,826	28								
		Total		317	100	4,320	100	1,499	100	10,004	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. Summarized what you learned in class or from course materials	LSummary	1	Never	14	4	187	4	67	4	417	4	<b>2.8</b>	2.9	-0.05	2.8	.03	2.9	-0.04	
		2	Sometimes	100	32	1,277	30	486	33	3,008	30								
		3	Often	128	41	1,785	41	610	41	4,084	41								
		4	Very often	73	23	1,062	25	331	22	2,480	25								
		Total		315	100	4,311	100	1,494	100	9,989	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	1	0	14	0	2	0	39	1	<b>5.3</b>	5.5 **	-0.17	5.5 **	-0.17	5.4 **	-0.15	
		2		4	1	26	1	10	1	70	1								
		3		15	5	141	4	49	4	332	4								
		4		40	13	402	9	135	9	1,027	11								
		5		127	41	1,600	37	563	37	3,680	37								
		6		80	25	1,361	32	453	31	2,901	29								
		7	Very much	47	15	748	17	277	18	1,880	19								
		Total		314	100	4,292	100	1,489	100	9,929	100								
<b>11. Which of the following have you done while in college or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern  (Means indicate the percentage who responded "Done or in progress.")		Have not decided	44	14	431	10	177	12	1,194	13	<b>7%</b>	8%	-0.06	9%	-0.08	8%	-0.07	
			Do not plan to do	14	4	150	4	62	4	420	4								
			Plan to do	235	75	3,351	78	1,114	74	7,440	74								
			Done or in progress	21	7	354	8	139	9	856	8								
			Total	314	100	4,286	100	1,492	100	9,910	100								
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	92	29	971	23	366	26	2,532	25	<b>11%</b>	18% **	-0.20	15% *	-0.14	15% *	-0.13	
			Do not plan to do	51	16	563	14	233	16	1,672	17								
			Plan to do	136	43	1,998	46	647	43	4,205	42								
			Done or in progress	34	11	745	18	239	15	1,482	15								
			Total	313	100	4,277	100	1,485	100	9,891	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	99	32	1,685	39	614	41	3,909	40	<b>21%</b>	9% ***	.35	7% ***	.42	9% ***	.35	
			Do not plan to do	78	25	1,128	26	406	28	2,441	25								
			Plan to do	71	23	1,096	26	360	24	2,654	27								
			Done or in progress	65	21	351	9	106	7	845	9								
			Total	313	100	4,260	100	1,486	100	9,849	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf	Criterion	ACM/GLCA		Carnegie			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	53	17	874	21	335	23	2,398	25	<b>4%</b>	3%	.07	2% *	.13	3%	.07	
			Do not plan to do	13	4	549	14	222	16	1,740	18								
			Plan to do	234	75	2,736	63	899	60	5,478	55								
			Done or in progress	12	4	107	3	25	2	250	3								
			Total	312	100	4,266	100	1,481	100	9,866	100								
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	126	40	1,301	31	496	33	3,468	35	<b>4%</b>	8% *	-0.15	7%	-0.11	6%	-0.10	
			Do not plan to do	32	10	381	9	144	10	1,352	13								
			Plan to do	141	45	2,261	52	739	51	4,433	45								
			Done or in progress	13	4	322	8	103	7	603	6								
			Total	312	100	4,265	100	1,482	100	9,856	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	125	40	1,002	24	306	22	2,446	25	<b>1%</b>	1%	-0.02	1%	-0.03	1%	-0.04	
			Do not plan to do	14	4	154	4	54	4	489	5								
			Plan to do	171	55	3,060	71	1,105	73	6,791	68								
			Done or in progress	3	1	47	1	17	1	126	1								
			Total	313	100	4,263	100	1,482	100	9,852	100								
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																			
	servcourse		1 None	162	52	2,557	60	814	55	5,165	52	<b>1.6</b>	1.5 *	.15	1.5	.09	1.6	-0.01	
			2 Some	125	40	1,462	35	589	40	3,931	41								
			3 Most	22	7	175	4	66	4	567	6								
			4 All	1	0	34	1	8	1	116	1								
			Total	310	100	4,228	100	1,477	100	9,779	100								
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	Q1student		1 Poor	2	1	32	1	15	1	100	1	<b>5.4</b>	5.5	-0.07	5.5 *	-0.13	5.4	-0.05	
			2	9	3	68	2	20	1	168	2								
			3	13	4	163	4	64	4	406	4								
			4	33	11	464	11	127	9	1,105	11								
			5	95	30	1,265	29	417	28	2,874	29								
			6	110	35	1,421	33	530	36	3,095	31								
			7 Excellent	49	16	820	20	302	21	2,028	21								
			— Not applicable	1	0	8	0	4	0	31	0								
Total	312	100	4,241	100	1,479	100	9,807	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Academic advisors	QIadvisor	1	Poor	9	3	73	2	19	1	195	2	<b>5.1</b>	5.4 ***	-0.24	5.5 ***	-0.27	5.4 ***	-0.24	
		2		15	5	140	3	53	3	312	3								
		3		30	10	272	6	77	5	588	6								
		4		46	15	505	12	188	13	1,151	12								
		5		74	24	966	23	332	23	2,132	22								
		6		63	20	1,018	24	346	23	2,372	24								
		7	Excellent	72	23	1,239	30	444	30	2,959	31								
		—	Not applicable	2	1	30	1	17	2	91	1								
	Total	311	100	4,243	100	1,476	100	9,800	100										
c. Faculty	QIfaculty	1	Poor	2	1	16	0	6	0	58	1	<b>5.5</b>	5.8 ***	-0.22	5.7 *	-0.14	5.6	-0.10	
		2		3	1	28	1	16	1	109	1								
		3		11	4	82	2	38	2	271	3								
		4		32	10	320	7	124	8	899	9								
		5		93	30	1,089	25	400	27	2,560	26								
		6		107	34	1,608	38	535	36	3,417	35								
		7	Excellent	63	20	1,086	26	352	24	2,442	25								
		—	Not applicable	1	0	10	0	6	0	41	1								
	Total	312	100	4,239	100	1,477	100	9,797	100										
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	5	2	73	2	26	2	201	2	<b>5.2</b>	5.2	-0.05	5.1	.02	5.2	-0.03	
		2		6	2	125	3	46	3	311	3								
		3		21	7	264	6	96	6	617	6								
		4		51	16	612	14	244	17	1,389	14								
		5		84	27	1,056	25	371	25	2,377	24								
		6		76	25	1,091	25	352	23	2,486	25								
		7	Excellent	52	17	796	20	261	18	1,947	20								
		—	Not applicable	15	5	224	5	84	6	475	5								
	Total	310	100	4,241	100	1,480	100	9,803	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	3	1	60	2	24	2	182	2	<b>5.2</b>	5.2	-.02	5.1	.03	5.2	-.01	
		2		8	3	129	3	49	3	333	3								
		3		20	6	249	6	106	7	601	6								
		4		46	15	598	14	229	15	1,386	14								
		5		86	28	1,066	25	358	24	2,387	24								
		6		85	27	1,068	25	356	24	2,423	24								
		7	Excellent	45	14	722	18	253	17	1,882	19								
		—	Not applicable	19	6	351	8	104	7	605	6								
	Total			312	100	4,243	100	1,479	100	9,799	100								
<b>14. How much does your institution emphasize the following?</b>																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	4	1	34	1	14	1	116	1	<b>3.2</b>	3.2	.04	3.2	.07	3.1 *	.14	
		2	Some	36	12	666	16	215	15	1,665	18								
		3	Quite a bit	160	52	1,998	47	747	51	4,809	49								
		4	Very much	111	35	1,529	36	497	33	3,172	32								
			Total			311	100	4,227	100	1,473	100								9,762
b. Providing support to help students succeed academically	SEacademic	1	Very little	8	3	93	2	38	3	261	3	<b>3.2</b>	3.1 *	.14	3.1 *	.16	3.0 **	.18	
		2	Some	34	11	827	20	279	19	1,954	20								
		3	Quite a bit	160	52	1,914	46	702	47	4,431	45								
		4	Very much	109	35	1,384	32	452	31	3,100	31								
			Total			311	100	4,218	100	1,471	100								9,746
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	6	2	142	4	60	4	393	4	<b>3.3</b>	3.1 ***	.19	3.1 ***	.22	3.1 ***	.20	
		2	Some	32	10	699	17	262	18	1,616	17								
		3	Quite a bit	140	45	1,782	43	605	40	3,989	41								
		4	Very much	133	43	1,591	37	547	37	3,742	37								
			Total			311	100	4,214	100	1,474	100								9,740
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	13	4	411	10	138	9	877	9	<b>2.9</b>	2.7 ***	.21	2.7 ***	.19	2.7 ***	.19	
		2	Some	84	27	1,285	30	455	30	2,894	30								
		3	Quite a bit	125	40	1,535	37	538	38	3,628	37								
		4	Very much	87	28	980	23	341	23	2,331	24								
			Total			309	100	4,211	100	1,472	100								9,730

\*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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf	Criterion	ACM/GLCA		Carnegie		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Providing opportunities to be involved socially	SEsocial	1	Very little	10	3	182	4	60	4	410	5	<b>2.9</b>	3.0	-.04	3.0	-.04	3.0	-.05
		2	Some	78	25	965	23	324	22	2,125	22							
		3	Quite a bit	144	46	1,836	44	665	45	4,250	44							
		4	Very much	79	26	1,225	29	417	28	2,936	30							
		Total		311	100	4,208	100	1,466	100	9,721	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	10	3	255	6	98	6	610	7	<b>2.9</b>	2.8	.06	2.8 *	.11	2.8	.07
		2	Some	81	26	1,213	29	445	31	2,714	28							
		3	Quite a bit	152	49	1,745	42	601	41	4,011	41							
		4	Very much	67	22	996	24	322	22	2,387	24							
		Total		310	100	4,209	100	1,466	100	9,722	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	59	19	1,021	24	385	26	2,289	24	<b>2.2</b>	2.2	.06	2.1 *	.13	2.2	.04
		2	Some	143	46	1,804	43	633	44	4,059	42							
		3	Quite a bit	82	26	974	24	323	22	2,373	25							
		4	Very much	27	9	397	10	120	8	969	10							
		Total		311	100	4,196	100	1,461	100	9,690	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	15	5	232	5	73	5	505	6	<b>2.8</b>	2.9	-.09	2.8	-.06	2.9	-.11
		2	Some	99	32	1,156	28	421	30	2,545	27							
		3	Quite a bit	136	44	1,803	43	619	42	4,166	43							
		4	Very much	61	20	1,000	24	355	23	2,474	25							
		Total		311	100	4,191	100	1,468	100	9,690	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	22	7	373	9	132	9	938	10	<b>2.6</b>	2.7	-.07	2.6	-.03	2.6	-.05
		2	Some	119	39	1,429	34	516	36	3,283	34							
		3	Quite a bit	130	42	1,653	39	580	39	3,742	38							
		4	Very much	38	12	733	18	237	16	1,728	18							
		Total		309	100	4,188	100	1,465	100	9,691	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				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. To what extent do you agree or disagree with the following statements?</b>																			
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	12	4	84	2	26	2	193	2	<b>3.1</b>	3.2 *	-0.15	3.2 *	-0.16	3.2 *	-0.14	
		2	Disagree	24	8	374	9	131	9	889	9								
		3	Agree	194	62	2,300	54	814	55	5,364	55								
		4	Strongly agree	81	26	1,432	35	495	34	3,240	34								
		Total		311	100	4,190	100	1,466	100	9,686	100								
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	9	3	117	3	52	4	315	4	<b>3.0</b>	3.0	-0.06	3.0	-0.03	3.0	-0.04	
		2	Disagree	49	16	671	16	232	16	1,550	16								
		3	Agree	198	64	2,487	59	870	60	5,668	58								
		4	Strongly agree	55	18	909	22	312	21	2,137	22								
		Total		311	100	4,184	100	1,466	100	9,670	100								
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	14	5	145	4	59	4	369	4	<b>3.0</b>	3.0	-0.07	3.0	-0.07	3.0	-0.05	
		2	Disagree	51	16	692	16	224	15	1,601	17								
		3	Agree	178	57	2,273	54	816	56	5,249	54								
		4	Strongly agree	68	22	1,072	26	369	25	2,459	26								
		Total		311	100	4,182	100	1,468	100	9,678	100								
<b>16. About how many hours do you spend in a typical 7-day week doing the following?</b>																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	1	0	6	0	2	0	21	0	<b>17.9</b>	17.2	.09	16.6 **	.16	16.0 ***	.25	
		3	1-5 hrs	7	2	214	5	100	7	740	8								
		8	6-10 hrs	41	13	674	16	250	18	1,811	19								
		13	11-15 hrs	72	23	929	22	321	22	2,260	23								
		18	16-20 hrs	86	28	999	24	348	23	2,198	22								
		23	21-25 hrs	50	16	693	17	230	15	1,367	14								
		28	26-30 hrs	31	10	358	8	120	8	681	7								
		33	More than 30 hrs	21	7	298	7	91	7	580	6								
		Total		309	100	4,171	100	1,462	100	9,658	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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		Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmocurrhrs	0	0 hrs	31	10	548	13	215	15	1,650	17	<b>7.6</b>	8.0	-.06	7.7	-.02	7.7	-.02	
	(Recorded version of tmocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	125	40	1,532	36	549	37	3,429	35								
	8	6-10 hrs	70	23	934	23	287	19	1,930	20									
	13	11-15 hrs	37	12	507	12	180	12	1,162	12									
	18	16-20 hrs	32	10	338	8	125	9	784	8									
	23	21-25 hrs	12	4	171	4	64	4	392	4									
	28	26-30 hrs	0	0	72	2	20	1	153	2									
	33	More than 30 hrs	2	1	60	2	18	1	148	2									
	Total			309	100	4,162	100	1,458	100	9,648	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	162	52	2,650	63	875	60	6,265	65	<b>4.0</b>	3.1 *	.16	3.3	.13	3.1 **	.17	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	56	18	484	11	203	13	1,023	10								
	8	6-10 hrs	48	15	651	16	238	16	1,443	14									
	13	11-15 hrs	28	9	245	6	88	7	563	6									
	18	16-20 hrs	10	3	100	3	45	3	261	3									
	23	21-25 hrs	5	2	23	1	7	1	68	1									
	28	26-30 hrs	0	0	11	0	3	0	22	0									
	33	More than 30 hrs	1	0	9	0	2	0	26	0									
	Total			310	100	4,173	100	1,461	100	9,671	100								
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	271	87	3,660	88	1,233	84	7,691	80	<b>1.4</b>	1.3	.02	1.8	-.09	2.5 ***	-.19	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	4	161	4	55	4	488	5								
	8	6-10 hrs	8	3	125	3	66	5	457	5									
	13	11-15 hrs	11	4	97	2	44	3	366	4									
	18	16-20 hrs	4	1	62	1	27	2	314	3									
	23	21-25 hrs	2	1	36	1	15	1	174	2									
	28	26-30 hrs	1	0	18	0	15	1	95	1									
	33	More than 30 hrs	1	0	11	0	7	0	77	1									
	Total			311	100	4,170	100	1,462	100	9,662	100								
Estimated number of hours working for pay	tmworkhrs											<b>5.4</b>	4.4 *	.13	5.2	.03	5.6	-.03	
(Continuous variable created by NSSE)																			

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

# NSSE 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf	Criterion	ACM/GLCA		Carnegie		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	250	81	2,837	68	1,017	70	6,413	66	<b>1.1</b>	1.5 *	-0.13	1.5	-0.11	1.7 **	-0.17
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	44	14	1,086	26	366	24	2,553	26							
	8	6-10 hrs	4	1	148	4	42	3	385	4								
	13	11-15 hrs	6	2	55	1	21	2	160	2								
	18	16-20 hrs	2	1	19	0	7	0	81	1								
	23	21-25 hrs	1	0	17	0	3	0	39	0								
	28	26-30 hrs	0	0	5	0	4	0	14	0								
	33	More than 30 hrs	1	0	5	0	2	0	18	0								
	Total				308	100	4,172	100	1,462	100	9,663							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	2	1	19	0	8	1	94	1	<b>14.0</b>	13.3	.10	13.0 *	.12	12.7 **	.16
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	33	11	640	15	247	16	1,697	17							
	8	6-10 hrs	86	28	1,123	27	399	27	2,635	27								
	13	11-15 hrs	69	22	1,035	25	338	23	2,294	24								
	18	16-20 hrs	64	21	670	16	233	16	1,500	16								
	23	21-25 hrs	22	7	330	8	111	8	701	7								
	28	26-30 hrs	17	6	138	3	47	3	262	3								
	33	More than 30 hrs	15	5	216	5	74	5	473	5								
	Total				308	100	4,171	100	1,457	100	9,656							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	277	90	3,742	89	1,317	90	8,385	87	<b>1.1</b>	.8	.07	.8	.06	1.2	-0.02
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	4	241	6	78	6	651	7							
	8	6-10 hrs	8	3	83	2	26	2	246	3								
	13	11-15 hrs	7	2	46	1	18	2	163	2								
	18	16-20 hrs	3	1	24	1	6	0	93	1								
	23	21-25 hrs	1	0	17	0	5	1	39	0								
	28	26-30 hrs	1	0	7	0	3	0	17	0								
	33	More than 30 hrs	1	0	5	0	3	0	38	0								
	Total				309	100	4,165	100	1,456	100	9,632							

\*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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	205	66	3,024	72	994	66	6,418	65	<b>1.9</b>	1.5	.09	1.8	.03	2.1	-.05	
		3	1-5 hrs	78	25	886	21	361	26	2,341	24								
		8	6-10 hrs	12	4	132	3	61	5	447	5								
		13	11-15 hrs	8	3	64	2	23	2	217	2								
		18	16-20 hrs	2	1	30	1	10	1	117	1								
		23	21-25 hrs	2	1	18	0	7	1	54	1								
		28	26-30 hrs	0	0	9	0	1	0	25	0								
		33	More than 30 hrs	2	1	13	0	6	0	47	1								
Total				309	100	4,176	100	1,463	100	9,666	100								
<b>17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																			
reading	tmreadinghrs	1	Very little	11	4	171	4	71	5	555	6	<b>3.3</b>	3.2 *	.13	3.1 **	.19	3.0 ***	.24	
		2	Some	67	22	1,021	26	361	27	2,633	28								
		3	About half	84	27	1,239	30	438	29	2,904	30								
		4	Most	108	35	1,258	30	444	29	2,548	26								
		5	Almost all	39	13	468	11	141	9	995	10								
		Total				309	100	4,157	100	1,455	100								9,635
											<b>10.2</b>	9.3 *	.14	8.9 ***	.21	8.3 ***	.31		
<i>(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)</i>																			
tmreadinghrscol <i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	tmreadinghrscol	1	0 hrs	1	0	6	0	2	0	20	0	<b>10.2</b>	9.3 *	.14	8.9 ***	.21	8.3 ***	.31	
		2	More than zero, up to 5 hrs	62	20	1,175	29	475	34	3,424	37								
		3	More than 5, up to 10 hrs	121	39	1,493	36	482	33	3,298	34								
		4	More than 10, up to 15 hrs	59	19	705	17	236	15	1,395	14								
		5	More than 15, up to 20 hrs	33	11	413	10	136	9	795	8								
		6	More than 20, up to 25 hrs	26	8	251	6	97	6	471	5								
		7	More than 25 hrs	5	2	94	2	22	2	186	2								
		Total				307	100	4,137	100	1,450	100								9,589

\*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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																			
a. Writing clearly and effectively	pgwrite	1	Very little	16	5	176	4	75	5	443	5	<b>2.8</b>	2.9 **	-0.16	2.8	-0.07	2.9	-0.11	
		2	Some	94	30	1,027	25	388	28	2,477	26								
		3	Quite a bit	139	45	1,891	46	650	44	4,424	46								
		4	Very much	60	19	1,061	25	343	23	2,291	24								
		Total		309	100	4,155	100	1,456	100	9,635	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	28	9	453	11	154	11	942	10	<b>2.5</b>	2.6	-0.08	2.6	-0.07	2.7 *	-0.13	
		2	Some	125	41	1,473	35	519	36	3,220	33								
		3	Quite a bit	117	38	1,496	36	528	35	3,697	38								
		4	Very much	38	12	725	18	254	18	1,759	19								
		Total		308	100	4,147	100	1,455	100	9,618	100								
c. Thinking critically and analytically	pgthink	1	Very little	10	3	75	2	34	3	206	2	<b>3.0</b>	3.2 ***	-0.20	3.1	-0.12	3.1 **	-0.15	
		2	Some	66	21	679	16	245	18	1,600	17								
		3	Quite a bit	141	46	1,838	44	667	46	4,383	45								
		4	Very much	92	30	1,551	38	505	34	3,426	36								
		Total		309	100	4,143	100	1,451	100	9,615	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	49	16	671	16	278	18	1,552	16	<b>2.4</b>	2.6 *	-0.12	2.5	-0.07	2.5	-0.10	
		2	Some	121	39	1,356	32	448	31	3,122	32								
		3	Quite a bit	90	29	1,320	32	467	33	3,170	33								
		4	Very much	48	16	798	20	261	18	1,774	19								
		Total		308	100	4,145	100	1,454	100	9,618	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	54	17	728	17	221	15	1,400	15	<b>2.4</b>	2.4	-0.07	2.4	-0.10	2.5 **	-0.16	
		2	Some	124	40	1,573	38	563	39	3,494	36								
		3	Quite a bit	97	31	1,258	31	478	33	3,227	33								
		4	Very much	34	11	587	14	194	13	1,502	16								
		Total		309	100	4,146	100	1,456	100	9,623	100								
f. Working effectively with others	pgothers	1	Very little	16	5	286	7	93	6	560	6	<b>2.8</b>	2.7	.09	2.7	.07	2.8	.02	
		2	Some	85	28	1,334	32	459	32	2,827	30								
		3	Quite a bit	150	49	1,745	42	622	43	4,179	43								
		4	Very much	58	19	786	19	282	19	2,057	21								
		Total		309	100	4,151	100	1,456	100	9,623	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	27	9	458	11	150	11	905	10	<b>2.7</b>	2.7	.05	2.6	.08	2.7	.00	
		2	Some	88	29	1,252	30	469	33	2,818	29								
		3	Quite a bit	136	44	1,607	39	552	37	3,828	39								
		4	Very much	57	19	827	20	284	19	2,060	21								
		Total		308	100	4,144	100	1,455	100	9,611	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	12	4	299	8	90	6	640	7	<b>3.0</b>	2.8 **	.16	2.9 *	.13	2.8 *	.13	
		2	Some	73	24	1,130	27	388	26	2,560	27								
		3	Quite a bit	136	44	1,677	40	610	42	3,953	41								
		4	Very much	87	28	1,041	25	368	25	2,470	26								
		Total		308	100	4,147	100	1,456	100	9,623	100								
i. Solving complex real-world problems	pgprobolve	1	Very little	29	10	403	10	144	10	895	10	<b>2.6</b>	2.7	-.04	2.6	-.01	2.7	-.05	
		2	Some	107	35	1,413	34	504	34	3,263	34								
		3	Quite a bit	121	39	1,545	37	548	38	3,629	37								
		4	Very much	50	16	792	19	259	18	1,842	19								
		Total		307	100	4,153	100	1,455	100	9,629	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	16	5	356	9	137	10	861	9	<b>2.7</b>	2.7	-.02	2.7	.02	2.7	-.01	
		2	Some	107	35	1,336	32	471	32	3,063	32								
		3	Quite a bit	136	44	1,540	37	541	37	3,645	37								
		4	Very much	49	16	922	22	304	21	2,067	22								
		Total		308	100	4,154	100	1,453	100	9,636	100								
<b>19. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	5	2	52	1	19	1	167	2	<b>3.1</b>	3.2 ***	-.23	3.2 **	-.17	3.2	-.11	
		2	Fair	47	15	437	10	175	12	1,258	13								
		3	Good	173	56	2,116	51	749	51	4,991	51								
		4	Excellent	84	27	1,553	38	508	36	3,242	34								
		Total		309	100	4,158	100	1,451	100	9,658	100								
<b>20. If you could start over again, would you go to the same institution you are now attending?</b>																			
	sameinst	1	Definitely no	11	4	160	4	52	3	394	4	<b>3.1</b>	3.1	-.09	3.1	-.08	3.1	-.04	
		2	Probably no	51	17	565	13	205	14	1,435	15								
		3	Probably yes	151	49	1,983	47	702	48	4,541	46								
		4	Definitely yes	96	31	1,467	35	499	34	3,322	34								
		Total		309	100	4,175	100	1,458	100	9,692	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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>	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
			St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
			Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>21. Do you intend to return to this institution next year?<sup>f</sup></b>																		
	returnexp	No	8	3	120	3	47	4	388	4	<b>93%</b>	90%	.08	89%	.12	87% **	.18	
(Means indicate the percentage who responded "Yes.")	Yes	287	93	3,793	90	1,311	89	8,536	87									
	Not sure	15	5	284	7	105	7	792	9	△								
	Total	310	100	4,197	100	1,463	100	9,716	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				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	2	1	28	1	8	1	85	1	<b>3.3</b>	3.3	-0.10	3.3	-0.08	3.3	-0.03	
		2	Sometimes	42	17	657	16	232	16	1,742	18								
		3	Often	92	37	1,222	30	436	32	3,136	32								
		4	Very often	113	45	2,127	52	706	51	4,788	49								
		Total		249	100	4,034	100	1,382	100	9,751	100								
b. Asked another student to help you understand course material	CLaskhelp	1	Never	14	6	283	8	102	8	706	8	<b>2.6</b>	2.6	.02	2.5	.04	2.5	.03	
		2	Sometimes	118	47	1,816	45	646	48	4,379	46								
		3	Often	75	30	1,249	31	385	27	2,937	30								
		4	Very often	42	17	679	16	237	17	1,692	16								
		Total		249	100	4,027	100	1,370	100	9,714	100								
c. Explained course material to one or more students	CLexplain	1	Never	7	3	101	3	38	3	270	3	<b>2.8</b>	2.8	-0.01	2.8	-0.01	2.9	-0.03	
		2	Sometimes	89	36	1,369	35	463	34	3,234	34								
		3	Often	92	37	1,585	39	532	38	3,747	38								
		4	Very often	61	25	966	24	334	25	2,454	25								
		Total		249	100	4,021	100	1,367	100	9,705	100								
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	20	9	523	14	208	17	1,275	14	<b>2.6</b>	2.6	.06	2.5 *	.16	2.6	.08	
		2	Sometimes	98	39	1,400	35	473	36	3,476	37								
		3	Often	82	33	1,247	31	426	29	2,928	30								
		4	Very often	48	19	830	20	252	18	1,974	20								
		Total		248	100	4,000	100	1,359	100	9,653	100								
e. Worked with other students on course projects or assignments	CLproject	1	Never	2	1	103	3	31	2	294	3	<b>3.1</b>	3.0 *	.15	2.9 **	.20	2.9 **	.17	
		2	Sometimes	54	22	1,117	29	406	29	2,635	28								
		3	Often	113	46	1,563	39	557	42	3,869	41								
		4	Very often	77	31	1,188	29	354	26	2,804	28								
		Total		246	100	3,971	100	1,348	100	9,602	100								
f. Given a course presentation	present	1	Never	5	2	91	2	37	3	292	3	<b>2.8</b>	3.0 **	-0.20	2.9 *	-0.17	3.0 **	-0.19	
		2	Sometimes	90	37	1,130	29	385	28	2,639	28								
		3	Often	99	40	1,548	39	558	40	3,714	39								
		4	Very often	52	21	1,203	30	371	28	2,959	30								
		Total		246	100	3,972	100	1,351	100	9,604	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>2. During the current school year, about how often have you done the following?</b>																			
a. Combined ideas from different courses when completing assignments	RIIntegrate	1	Never	6	3	74	2	32	3	198	2	<b>2.9</b>	3.1 **	-0.18	3.0	-0.13	3.1 *	-0.17	
		2	Sometimes	69	29	869	23	325	24	2,180	23								
		3	Often	103	41	1,642	42	555	41	3,864	41								
		4	Very often	65	27	1,357	34	433	33	3,276	34								
		Total		243	100	3,942	100	1,345	100	9,518	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	6	3	102	3	28	2	244	3	<b>3.1</b>	3.1	-0.05	3.1	-0.08	3.1	-0.03	
		2	Sometimes	56	23	859	22	300	22	2,145	23								
		3	Often	99	40	1,448	37	496	38	3,581	38								
		4	Very often	83	34	1,511	38	516	38	3,506	36								
		Total		244	100	3,920	100	1,340	100	9,476	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	10	4	148	4	52	4	382	4	<b>3.0</b>	3.0	-0.03	3.0	-0.06	3.0	-0.02	
		2	Sometimes	58	24	1,002	26	325	24	2,414	26								
		3	Often	106	43	1,427	37	496	39	3,455	36								
		4	Very often	68	29	1,330	33	461	33	3,187	33								
		Total		242	100	3,907	100	1,334	100	9,438	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	4	2	99	3	39	3	255	3	<b>2.9</b>	3.0	-0.10	3.0	-0.11	3.0	-0.10	
		2	Sometimes	68	29	946	24	311	23	2,254	24								
		3	Often	119	49	1,805	47	620	47	4,304	46								
		4	Very often	48	21	1,027	26	362	27	2,561	27								
		Total		239	100	3,877	100	1,332	100	9,374	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	4	2	63	2	24	2	146	2	<b>3.0</b>	3.0	-0.08	3.0	-0.11	3.1 *	-0.12	
		2	Sometimes	48	21	825	22	264	21	1,906	21								
		3	Often	136	57	1,798	48	622	47	4,284	47								
		4	Very often	46	21	1,136	28	407	30	2,938	30								
		Total		234	100	3,822	100	1,317	100	9,274	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	3	2	38	1	18	1	104	1	<b>3.0</b>	3.1	-0.10	3.1	-0.06	3.1	-0.08	
		2	Sometimes	52	23	778	21	279	22	1,961	22								
		3	Often	112	47	1,723	46	575	44	4,031	44								
		4	Very often	65	28	1,242	32	428	32	3,079	33								
		Total		232	100	3,781	100	1,300	100	9,175	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				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>
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	3	1	22	1	10	1	50	1	<b>3.3</b>	3.3	-0.11	3.3	-0.08	3.3	-0.08	
		2	Sometimes	28	12	374	10	124	10	960	11								
		3	Often	105	45	1,620	43	584	45	4,037	44								
		4	Very often	98	41	1,734	46	568	44	4,041	44								
		Total		234	100	3,750	100	1,286	100	9,088	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	14	6	279	8	91	8	601	7	<b>2.6</b>	2.7	-0.06	2.6	-0.03	2.7 *	-0.14	
		2	Sometimes	111	48	1,494	41	539	44	3,335	38								
		3	Often	58	24	1,035	27	345	26	2,618	29								
		4	Very often	51	22	948	24	311	23	2,539	27								
		Total		234	100	3,756	100	1,286	100	9,093	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	59	26	840	24	286	24	1,998	23	<b>2.2</b>	2.3	-0.06	2.3	-0.03	2.4	-0.11	
		2	Sometimes	88	38	1,434	39	509	40	3,321	37								
		3	Often	56	24	787	20	278	21	2,044	22								
		4	Very often	29	13	674	17	209	15	1,704	18								
		Total		232	100	3,735	100	1,282	100	9,067	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	19	8	333	9	131	11	920	10	<b>2.5</b>	2.6 *	-0.13	2.5	-0.06	2.6 *	-0.13	
		2	Sometimes	123	52	1,529	42	549	44	3,656	41								
		3	Often	59	25	1,140	30	378	28	2,675	29								
		4	Very often	32	14	702	18	217	17	1,755	19								
		Total		233	100	3,704	100	1,275	100	9,006	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	40	17	523	15	206	18	1,186	14	<b>2.2</b>	2.4 *	-0.15	2.3	-0.08	2.4 ***	-0.22	
		2	Sometimes	121	51	1,711	46	573	46	3,946	44								
		3	Often	50	21	941	24	326	23	2,383	26								
		4	Very often	22	10	527	14	169	13	1,486	16								
		Total		233	100	3,702	100	1,274	100	9,001	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	36	15	489	14	196	17	991	12	<b>2.4</b>	2.5 *	-0.14	2.4	-0.05	2.6 ***	-0.24	
		2	Some	99	43	1,364	38	484	40	3,044	35								
		3	Quite a bit	75	32	1,216	32	396	29	3,219	35								
		4	Very much	24	10	610	16	192	15	1,693	18								
		Total		234	100	3,679	100	1,268	100	8,947	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf	Criterion	ACM/GLCA	Carnegie			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	7	3	84	2	33	3	215	3	<b>3.1</b>	3.1	-.07	3.1	-.03	3.1	-.05
		2	Some	41	18	627	17	227	18	1,571	18							
		3	Quite a bit	113	48	1,695	46	591	47	4,036	46							
		4	Very much	72	31	1,257	34	416	33	3,088	34							
		Total		233	100	3,663	100	1,267	100	8,910	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	5	2	67	2	25	2	178	2	<b>3.1</b>	3.2	-.05	3.1	-.01	3.2	-.01
		2	Some	31	14	602	16	228	18	1,537	17							
		3	Quite a bit	119	51	1,550	43	528	43	3,829	44							
		4	Very much	76	33	1,425	39	474	37	3,308	37							
		Total		231	100	3,644	100	1,255	100	8,852	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	6	3	103	3	41	3	224	3	<b>3.2</b>	3.1	.05	3.1	.05	3.1	.06
		2	Some	34	15	670	19	216	18	1,660	19							
		3	Quite a bit	110	47	1,525	41	554	43	3,800	43							
		4	Very much	82	35	1,333	37	438	36	3,137	35							
		Total		232	100	3,631	100	1,249	100	8,821	100							
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	3	1	74	2	35	3	184	2	<b>3.1</b>	3.1	-.11	3.1	-.04	3.1	-.07
		2	Some	45	20	613	17	229	18	1,585	18							
		3	Quite a bit	118	50	1,632	45	562	45	3,944	45							
		4	Very much	66	29	1,299	36	417	34	3,064	34							
		Total		232	100	3,618	100	1,243	100	8,777	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	41	1	15	2	126	2	<b>3.1</b>	3.2 *	-0.14	3.2	-0.08	3.2	-0.12
		2	Some	38	17	487	14	193	15	1,279	15							
		3	Quite a bit	119	51	1,699	48	593	48	4,037	46							
		4	Very much	69	30	1,376	38	443	35	3,296	37							
		Total		229	100	3,603	100	1,244	100	8,738	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	3	1	50	1	19	2	157	2	<b>3.1</b>	3.2 *	-0.15	3.1	-0.06	3.2	-0.10
		2	Some	42	18	477	13	204	16	1,358	15							
		3	Quite a bit	114	49	1,756	49	597	49	4,107	47							
		4	Very much	69	31	1,307	36	421	34	3,102	36							
		Total		228	100	3,590	100	1,241	100	8,724	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	6	3	51	2	23	2	182	2	<b>3.2</b>	3.2	-.02	3.2	.02	3.2	.00	
		2	Some	29	13	550	15	202	16	1,428	16								
		3	Quite a bit	107	48	1,586	45	547	44	3,723	43								
		4	Very much	83	37	1,393	38	466	37	3,364	39								
		Total		225	100	3,580	100	1,238	100	8,697	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	12	5	151	5	60	5	375	4	<b>2.9</b>	3.0	-.14	3.0	-.09	3.0 *	-0.15	
		2	Some	68	30	810	23	290	24	1,992	23								
		3	Quite a bit	80	35	1,395	40	487	40	3,363	39								
		4	Very much	66	29	1,214	33	400	31	2,955	34								
		Total		226	100	3,570	100	1,237	100	8,685	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	9	4	101	3	49	4	329	4	<b>2.8</b>	3.0 **	-0.19	2.9	-.08	3.0 *	-0.17	
		2	Some	65	28	870	25	324	27	2,122	25								
		3	Quite a bit	105	47	1,518	42	523	43	3,627	42								
		4	Very much	44	20	1,074	30	334	26	2,575	30								
		Total		223	100	3,563	100	1,230	100	8,653	100								
f. Explained in advance the criteria for successfully completing your assignments	eterriteria	1	Very little	3	1	61	2	25	2	186	2	<b>3.1</b>	3.1	-.08	3.1	-.03	3.1	-.07	
		2	Some	44	20	600	17	216	18	1,533	18								
		3	Quite a bit	110	49	1,649	46	582	47	3,913	45								
		4	Very much	65	30	1,236	35	404	33	2,987	35								
		Total		222	100	3,546	100	1,227	100	8,619	100								
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	7	3	63	2	27	2	179	2	<b>3.0</b>	3.1 *	-0.18	3.1	-.08	3.1 *	-0.16	
		2	Some	44	20	589	17	238	20	1,510	17								
		3	Quite a bit	112	50	1,658	47	571	47	3,938	46								
		4	Very much	59	27	1,227	34	384	31	2,964	34								
		Total		222	100	3,537	100	1,220	100	8,591	100								
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	5	2	114	3	48	4	345	4	<b>2.9</b>	2.9	-.07	2.9	.03	2.9	-.03	
		2	Some	59	27	887	25	328	27	2,269	26								
		3	Quite a bit	111	49	1,625	47	570	47	3,795	45								
		4	Very much	46	21	906	26	277	22	2,171	25								
		Total		221	100	3,532	100	1,223	100	8,580	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				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>
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	5	2	65	2	30	3	185	2	<b>3.1</b>	3.1	-.04	3.1	-.03	3.2	-.06	
		2	Some	36	17	595	17	199	17	1,393	16								
		3	Quite a bit	110	49	1,627	46	555	46	3,907	46								
		4	Very much	70	32	1,239	35	434	35	3,090	36								
		Total		221	100	3,526	100	1,218	100	8,575	100								
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	25	11	434	12	140	11	986	12	<b>2.7</b>	2.7	.01	2.6	.07	2.7	.04	
		2	Sometimes	72	33	1,100	31	420	35	2,786	33								
		3	Often	65	30	1,140	32	404	33	2,816	33								
		4	Very often	53	26	808	24	246	21	1,881	23								
		Total		215	100	3,482	100	1,210	100	8,469	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	33	15	509	15	185	15	1,271	15	<b>2.6</b>	2.6	.02	2.5	.04	2.5	.04	
		2	Sometimes	80	36	1,255	36	456	37	3,000	36								
		3	Often	56	26	986	28	333	28	2,487	29								
		4	Very often	47	23	713	21	227	20	1,681	20								
		Total		216	100	3,463	100	1,201	100	8,439	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	24	11	423	12	160	13	1,085	13	<b>2.6</b>	2.6	-.07	2.6	-.01	2.6	-.02	
		2	Sometimes	80	37	1,166	33	437	36	2,895	34								
		3	Often	75	35	1,136	33	368	31	2,754	33								
		4	Very often	36	17	734	22	239	21	1,684	20								
		Total		215	100	3,459	100	1,204	100	8,418	100								
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</b>																			
a. Up to 5 pages	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	4	2	87	2	32	2	242	3	<b>9.3</b>	9.1	.04	9.6	-.04	8.8	.08	
		1.5	1-2	25	11	372	10	103	9	977	11								
		4	3-5	49	23	968	28	317	27	2,433	28								
		8	6-10	60	27	910	26	304	26	2,186	26								
		13	11-15	40	19	521	15	203	16	1,188	14								
		18	16-20	18	9	234	7	98	8	586	7								
		23	More than 20	18	9	354	11	141	12	800	10								
Total		214	100	3,446	100	1,198	100	8,412	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Between 6 and 10 pages	wrmednum	0	None	27	13	371	11	144	12	1,087	13	<b>3.8</b>	4.2	-0.12	4.3	-0.14	4.1	-0.08	
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	76	36	1,099	32	352	30	2,816	33								
	4	3-5	68	31	1,183	35	392	33	2,683	33									
	8	6-10	31	15	521	15	205	17	1,166	14									
	13	11-15	7	3	158	4	55	4	366	4									
	18	16-20	2	1	53	1	22	1	129	1									
	23	More than 20	1	1	52	2	23	2	133	2									
Total		212	100	3,437	100	1,193	100	8,380	100										
c. 11 pages or more	wrlongnum	0	None	85	39	892	25	245	21	2,490	29	<b>1.8</b>	2.3 *	-0.14	2.6 ***	-0.21	2.3	-0.12	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	91	43	1,704	51	605	53	4,042	49								
	4	3-5	24	12	610	18	235	18	1,273	15									
	8	6-10	9	4	132	4	64	5	311	3									
	13	11-15	4	2	48	1	19	1	135	2									
	18	16-20	0	0	19	1	8	1	51	1									
	23	More than 20	1	1	46	1	24	2	115	1									
Total		214	100	3,451	100	1,200	100	8,417	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>85.6</b>	95.5	-0.11	102.3 *	-0.18	92.8	-0.08	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of races or ethnicities other than your own	DDrace	1	Never	2	1	46	1	32	3	212	2	<b>3.1</b>	3.2	-0.12	3.1	-0.08	3.1	-0.03	
	2	Sometimes	55	26	809	23	289	23	2,179	25									
	3	Often	81	37	1,174	33	394	31	2,782	33									
	4	Very often	75	35	1,427	43	484	43	3,239	40									
	Total		213	100	3,456	100	1,199	100	8,412	100									
b. People from economic backgrounds other than your own	DDeconomic	1	Never	2	1	57	2	19	2	157	2	<b>3.1</b>	3.2	-0.09	3.2	-0.08	3.1	-0.05	
	2	Sometimes	53	25	731	21	266	22	1,807	22									
	3	Often	82	38	1,272	36	435	35	3,153	37									
	4	Very often	75	37	1,388	42	478	41	3,272	39									
	Total		212	100	3,448	100	1,198	100	8,389	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	St. Olaf				Criterion				ACM/GLCA				Carnegie			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
c. People with religious beliefs other than your own	DDreligion	1	Never	3	2	112	3	41	4	314	4	<b>3.1</b>	3.0	.06	3.0	.10	3.0	.08	
		2	Sometimes	59	27	920	27	359	30	2,323	28								
		3	Often	72	34	1,211	34	387	31	2,855	34								
		4	Very often	78	38	1,204	36	411	35	2,909	35								
		Total		212	100	3,447	100	1,198	100	8,401	100								
d. People with political views other than your own	DDpolitical	1	Never	18	8	273	8	99	10	591	7	<b>2.5</b>	2.7 *	-0.17	2.6	-0.12	2.8 ***	-0.26	
		2	Sometimes	110	51	1,439	41	493	41	3,115	37								
		3	Often	46	22	920	27	320	26	2,430	29								
		4	Very often	39	19	816	24	284	23	2,253	27								
		Total		213	100	3,448	100	1,196	100	8,389	100								
e. People with sexual orientations other than your own	ddsexorient	1	Never	4	2	75	2	39	4	309	4	<b>3.3</b>	3.1 **	.23	3.1 ***	.23	3.1 ***	.28	
		2	Sometimes	28	13	778	24	299	24	2,025	25								
		3	Often	78	35	1,197	34	363	29	2,780	33								
		4	Very often	103	49	1,393	40	493	43	3,279	39								
		Total		213	100	3,443	100	1,194	100	8,393	100								
f. People from countries other than your own	ddcountry	1	Never	3	2	145	4	57	5	484	5	<b>3.1</b>	2.9 ***	.23	2.9 *	.17	2.8 ***	.32	
		2	Sometimes	58	27	1,309	36	416	32	3,361	39								
		3	Often	79	36	1,049	31	360	31	2,376	29								
		4	Very often	73	36	945	29	364	32	2,176	27								
		Total		213	100	3,448	100	1,197	100	8,397	100								
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	2	1	35	1	17	2	97	1	<b>3.2</b>	3.3 *	-0.18	3.3	-0.14	3.3	-0.11	
		2	Sometimes	30	15	409	12	141	11	1,126	14								
		3	Often	106	50	1,440	42	516	44	3,584	43								
		4	Very often	74	35	1,544	45	518	43	3,544	42								
		Total		212	100	3,428	100	1,192	100	8,351	100								
b. Reviewed your notes after class	LSnotes	1	Never	17	8	310	10	121	11	650	8	<b>2.6</b>	2.6	-0.05	2.5	.07	2.7	-0.12	
		2	Sometimes	92	43	1,291	38	486	41	2,930	36								
		3	Often	61	29	1,026	30	354	30	2,662	32								
		4	Very often	43	20	800	22	228	17	2,102	24								
		Total		213	100	3,427	100	1,189	100	8,344	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. Summarized what you learned in class or from course materials	LSummary	1	Never	14	7	179	5	78	6	428	5	<b>2.7</b>	2.8 *	-0.17	2.7	-0.02	2.8 **	-0.19	
		2	Sometimes	77	36	1,034	31	417	37	2,504	31								
		3	Often	83	39	1,358	40	461	38	3,192	38								
		4	Very often	38	18	854	24	235	19	2,219	26								
		Total		212	100	3,425	100	1,191	100	8,343	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	20	1	3	0	47	1	<b>5.3</b>	5.5	-0.13	5.4	-0.09	5.5	-0.12	
		2		1	1	24	1	5	0	67	1								
		3		12	6	113	3	49	4	309	4								
		4		22	11	359	11	130	11	885	11								
		5		83	39	1,165	34	406	35	2,788	34								
		6		68	31	1,072	32	374	32	2,475	30								
		7	Very much	27	13	653	19	213	17	1,727	20								
		Total		213	100	3,406	100	1,180	100	8,298	100								
<b>11. Which of the following have you done while in college 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 <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided		8	4	182	5	61	6	410	5	<b>67%</b>	69%	-0.04	69%	-0.03	69%	-0.03	
		Do not plan to do		42	19	516	15	175	16	1,172	14								
		Plan to do		19	9	341	10	119	10	946	11								
		Done or in progress		144	67	2,374	69	826	69	5,783	69								
		Total		213	100	3,413	100	1,181	100	8,311	100								
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided		5	3	130	4	39	4	392	5	<b>69%</b>	67%	.04	65%	.09	63%	.13	
		Do not plan to do		49	23	853	26	307	28	2,305	29								
		Plan to do		12	6	114	3	40	3	334	4								
		Done or in progress		147	69	2,316	67	794	65	5,277	63								
		Total		213	100	3,413	100	1,180	100	8,308	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided		10	5	268	8	107	10	752	9	<b>41%</b>	24% ***	.37	25% ***	.34	27% ***	.28	
		Do not plan to do		108	50	2,102	64	714	62	4,663	58								
		Plan to do		9	4	171	5	49	4	487	5								
		Done or in progress		86	41	862	24	308	25	2,383	27								
		Total		213	100	3,403	100	1,178	100	8,285	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	6	3	128	4	59	5	503	6	<b>53%</b>	32% ***	.42	26% ***	.54	26% ***	.55	
			Do not plan to do	85	41	2,032	60	734	62	5,133	62								
			Plan to do	7	3	165	5	82	7	542	6								
			Done or in progress	113	53	1,069	32	303	26	2,100	26								
			Total	211	100	3,394	100	1,178	100	8,278	100								
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	9	5	156	5	68	6	500	6	<b>47%</b>	50%	-.08	51%	-.08	47%	-.01	
			Do not plan to do	98	46	1,369	40	450	39	3,457	41								
			Plan to do	6	3	148	4	51	4	464	5								
			Done or in progress	100	47	1,721	50	606	51	3,849	47								
			Total	213	100	3,394	100	1,175	100	8,270	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	12	6	73	2	13	2	188	2	<b>48%</b>	74% ***	-.55	78% ***	-.63	77% ***	-.61	
			Do not plan to do	70	33	562	17	118	12	1,024	13								
			Plan to do	29	14	221	6	106	9	656	8								
			Done or in progress	102	48	2,548	74	943	78	6,424	77								
			Total	213	100	3,404	100	1,180	100	8,292	100								
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																			
	servcourse		1 None	53	25	1,472	45	441	40	2,955	37	<b>1.8</b>	1.6 ***	.39	1.7 ***	.26	1.7 **	.18	
			2 Some	143	68	1,723	50	636	53	4,561	55								
			3 Most	11	5	159	4	76	5	619	7								
			4 All	4	2	30	1	16	1	109	1								
			Total	211	100	3,384	100	1,169	100	8,244	100								
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	Q1student		1 Poor	2	1	39	1	14	1	95	1	<b>5.5</b>	5.4	.03	5.4	.05	5.5	-.01	
			2	2	1	50	1	19	2	120	1								
			3	6	3	163	5	55	5	339	5								
			4	21	10	364	11	137	12	904	11								
			5	72	34	974	28	337	29	2,298	28								
			6	73	34	1,071	31	381	32	2,559	31								
			7 Excellent	36	17	729	21	233	20	1,935	23								
			— Not applicable	0	0	3	0	0	0	22	0								
Total	212	100	3,393	100	1,176	100	8,272	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Academic advisors	Qladvisor	1	Poor	5	3	74	2	24	2	205	2	<b>5.5</b>	5.5	.00	5.6	-.10	5.6	-.06	
		2		6	3	107	3	29	3	232	3								
		3		9	4	195	6	65	6	498	6								
		4		27	12	337	10	94	8	804	9								
		5		46	22	690	20	209	19	1,575	19								
		6		52	24	858	25	284	25	1,985	25								
		7	Excellent	67	31	1,118	32	469	37	2,926	36								
		—	Not applicable	1	0	13	0	2	0	46	0								
	Total	213	100	3,392	100	1,176	100	8,271	100										
c. Faculty	QIfaculty	1	Poor	2	1	14	0	9	1	50	1	<b>5.6</b>	5.8 *	-.14	5.7	-.04	5.7	-.12	
		2		1	0	34	1	15	1	89	1								
		3		6	3	66	2	30	2	211	3								
		4		21	10	264	8	103	9	718	8								
		5		57	27	762	23	274	24	1,868	23								
		6		78	36	1,267	37	442	37	2,917	35								
		7	Excellent	47	23	981	29	302	25	2,396	29								
		—	Not applicable	0	0	3	0	0	0	16	0								
	Total	212	100	3,391	100	1,175	100	8,265	100										
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	5	3	143	4	52	5	363	5	<b>4.8</b>	4.8	-.03	4.8	-.02	4.9	-.06	
		2		13	6	168	5	56	5	370	5								
		3		21	10	349	11	127	11	819	10								
		4		42	19	575	17	185	16	1,350	16								
		5		61	29	804	24	293	26	1,990	25								
		6		39	18	735	21	250	20	1,740	21								
		7	Excellent	27	13	545	16	187	16	1,406	17								
		—	Not applicable	4	2	69	2	24	2	226	3								
	Total	212	100	3,388	100	1,174	100	8,264	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	5	2	166	5	52	5	380	5	<b>4.8</b>	4.7	.06	4.8	.04	4.8	.02	
		2		9	4	199	6	78	6	466	6								
		3		15	7	330	10	119	10	773	9								
		4		43	20	614	18	198	17	1,462	18								
		5		69	32	822	24	276	23	1,974	24								
		6		42	20	743	22	270	24	1,756	21								
		7	Excellent	22	10	462	14	160	13	1,303	16								
		—	Not applicable	7	3	55	2	22	2	150	2								
	Total			212	100	3,391	100	1,175	100	8,264	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	0	0	35	1	6	1	98	1	<b>3.3</b>	3.3	.06	3.3	.05	3.2 *	.15	
		2	Some	24	12	460	13	145	13	1,290	16								
		3	Quite a bit	97	46	1,460	44	515	44	3,686	45								
		4	Very much	90	42	1,425	42	508	42	3,169	38								
			Total			211	100	3,380	100	1,174	100								8,243
b. Providing support to help students succeed academically	SEacademic	1	Very little	3	1	107	3	56	5	304	4	<b>3.0</b>	3.0	.11	2.9 *	.15	3.0	.10	
		2	Some	42	20	779	23	275	23	1,938	24								
		3	Quite a bit	110	52	1,636	49	556	48	3,737	46								
		4	Very much	56	27	856	25	284	24	2,251	27								
			Total			211	100	3,378	100	1,171	100								8,230
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	3	1	193	6	69	6	453	6	<b>3.0</b>	2.9 **	.16	2.9 *	.16	2.9	.11	
		2	Some	43	21	785	24	279	25	1,846	23								
		3	Quite a bit	104	50	1,485	44	504	43	3,445	42								
		4	Very much	59	28	915	26	320	27	2,472	29								
			Total			209	100	3,378	100	1,172	100								8,216
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	18	9	428	13	146	13	1,006	13	<b>2.7</b>	2.5	.14	2.6	.07	2.6	.07	
		2	Some	75	35	1,250	37	410	33	2,784	34								
		3	Quite a bit	81	38	1,115	33	400	36	2,772	34								
		4	Very much	37	18	581	17	215	18	1,658	19								
			Total			211	100	3,374	100	1,171	100								8,220

\*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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Providing opportunities to be involved socially	SEsocial	1	Very little	9	5	202	6	57	6	428	6	<b>2.8</b>	2.8	-.05	2.9	-.10	2.9	-.13	
		2	Some	68	33	913	27	292	26	1,994	25								
		3	Quite a bit	88	41	1,452	44	521	45	3,546	43								
		4	Very much	45	21	800	23	298	23	2,240	26								
		Total		210	100	3,367	100	1,168	100	8,208	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	15	7	356	10	165	14	800	10	<b>2.6</b>	2.6	-.02	2.5	.07	2.7	-.06	
		2	Some	80	38	1,183	34	404	35	2,734	33								
		3	Quite a bit	89	42	1,257	38	399	34	3,096	38								
		4	Very much	27	13	572	17	200	17	1,578	19								
		Total		211	100	3,368	100	1,168	100	8,208	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	74	36	1,207	36	446	39	2,824	35	<b>1.9</b>	2.0	-.08	1.9	-.02	2.0	-.14	
		2	Some	91	43	1,321	39	453	39	3,097	38								
		3	Quite a bit	37	18	616	18	196	17	1,593	19								
		4	Very much	6	3	223	6	70	6	686	8								
		Total		208	100	3,367	100	1,165	100	8,200	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	14	7	238	8	84	8	552	7	<b>2.7</b>	2.7	-.04	2.7	.00	2.8	-.10	
		2	Some	68	33	1,039	31	352	32	2,340	29								
		3	Quite a bit	91	43	1,390	41	491	40	3,374	41								
		4	Very much	37	17	701	20	243	20	1,927	23								
		Total		210	100	3,368	100	1,170	100	8,193	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	19	9	333	10	136	12	914	11	<b>2.5</b>	2.6	-.13	2.5	-.05	2.6	-.11	
		2	Some	91	42	1,230	36	440	37	2,907	35								
		3	Quite a bit	82	39	1,301	39	447	39	3,007	37								
		4	Very much	19	9	507	15	146	13	1,375	16								
		Total		211	100	3,371	100	1,169	100	8,203	100								
<b>15. To what extent do you agree or disagree with the following statements?</b>																			
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	4	2	106	4	49	5	255	4	<b>3.2</b>	3.2	.08	3.1 *	.15	3.2	.06	
		2	Disagree	19	9	377	11	141	12	836	11								
		3	Agree	112	53	1,723	50	606	51	4,170	50								
		4	Strongly agree	76	36	1,161	35	372	32	2,945	36								
		Total		211	100	3,367	100	1,168	100	8,206	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	11	5	253	8	111	10	554	7	<b>2.9</b>	2.8	.05	2.8	.10	2.9	.00	
		2	Disagree	44	21	743	22	268	23	1,732	21								
		3	Agree	117	55	1,697	50	550	46	4,073	49								
		4	Strongly agree	39	19	674	20	241	21	1,840	22								
		Total		211	100	3,367	100	1,170	100	8,199	100								
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	8	4	203	6	76	7	436	6	<b>3.0</b>	3.0	.04	2.9	.06	3.0	.02	
		2	Disagree	36	17	590	18	204	19	1,397	18								
		3	Agree	115	55	1,692	49	583	48	4,099	49								
		4	Strongly agree	52	25	886	27	307	26	2,273	28								
		Total		211	100	3,371	100	1,170	100	8,205	100								
<b>16. About how many hours do you spend in a typical 7-day week doing the following?</b>																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	0	0	6	0	3	0	16	0	<b>17.7</b>	16.8	.10	17.0	.08	16.1 **	.19	
		3	1-5 hrs	15	7	219	7	79	7	692	8								
		8	6-10 hrs	29	14	612	18	199	17	1,706	20								
		13	11-15 hrs	39	19	768	23	256	23	1,862	23								
		18	16-20 hrs	50	24	737	23	275	23	1,673	21								
		23	21-25 hrs	39	18	469	14	154	13	1,032	13								
		28	26-30 hrs	22	10	267	8	91	7	568	7								
		33	More than 30 hrs	17	8	268	8	104	10	620	8								
Total		211	100	3,346	100	1,161	100	8,169	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	12	5	357	11	117	11	1,163	14	<b>9.9</b>	9.1	.10	9.0	.11	8.7 *	.15	
	(Recorded version of tmcocurr)	3	1-5 hrs	76	36	1,055	32	370	33	2,651	32								
	created by NSSE.	8	6-10 hrs	45	21	805	24	256	21	1,732	22								
	Values are estimated number of hours per week.)	13	11-15 hrs	24	12	476	14	165	13	1,062	13								
		18	16-20 hrs	28	14	319	10	127	11	770	9								
		23	21-25 hrs	18	9	179	5	82	7	401	5								
		28	26-30 hrs	3	1	72	2	23	2	163	2								
		33	More than 30 hrs	4	2	88	3	27	2	221	3								
		Total			210	100	3,351	100	1,167	100	8,163	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	44	21	1,250	38	358	32	3,512	42	<b>6.5</b>	5.6 *	.16	6.2	.05	5.5 *	.15	
	(Recorded version of tmworkon)	3	1-5 hrs	60	28	590	18	208	17	1,230	15								
	created by NSSE.	8	6-10 hrs	61	29	869	27	332	29	1,808	22								
	Values are estimated number of hours per week.)	13	11-15 hrs	30	14	384	11	155	13	900	11								
		18	16-20 hrs	10	5	179	5	75	6	482	6								
		23	21-25 hrs	3	2	42	1	20	1	131	2								
		28	26-30 hrs	1	1	16	0	7	0	47	1								
		33	More than 30 hrs	1	1	17	0	6	0	57	1								
		Total			210	100	3,347	100	1,161	100	8,167	100							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	159	76	2,507	76	823	70	5,117	65	<b>2.5</b>	2.8	-.04	3.8 **	-.17	4.9 ***	-.28	
	(Recorded version of tmworkoff)	3	1-5 hrs	17	8	226	6	78	6	571	7								
	created by NSSE.	8	6-10 hrs	15	7	212	6	81	7	619	7								
	Values are estimated number of hours per week.)	13	11-15 hrs	7	3	169	5	73	7	566	7								
		18	16-20 hrs	6	3	119	3	57	6	555	6								
		23	21-25 hrs	5	2	66	2	21	2	346	4								
		28	26-30 hrs	1	1	25	1	9	1	168	2								
		33	More than 30 hrs	1	1	26	1	22	2	227	2								
		Total			211	100	3,350	100	1,164	100	8,169	100							
Estimated number of hours working for pay	tmworkhrs											<b>9.1</b>	8.3	.09	10.0	-.10	10.5 *	-.13	
	(Continuous variable created by NSSE)																		

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

# NSSE 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf	Criterion	ACM/GLCA		Carnegie		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	134	64	1,982	61	691	61	4,468	57	<b>2.1</b>	2.0	.04	1.9	.05	2.4	-.06
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	58	28	1,060	30	366	30	2,675	31							
	8	6-10 hrs	8	4	173	5	64	5	565	6								
	13	11-15 hrs	5	2	76	2	22	2	226	2								
	18	16-20 hrs	1	0	33	1	8	1	112	1								
	23	21-25 hrs	2	1	12	0	6	0	49	1								
	28	26-30 hrs	0	0	8	0	2	0	28	0								
	33	More than 30 hrs	2	1	9	0	3	0	51	1								
	Total				210	100	3,353	100	1,162	100	8,174							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	0	0	21	1	11	1	87	1	<b>12.8</b>	13.0	-.03	12.6	.02	12.5	.04
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	33	16	490	14	201	16	1,478	17							
	8	6-10 hrs	67	31	998	29	323	28	2,404	29								
	13	11-15 hrs	47	23	829	25	298	25	1,944	24								
	18	16-20 hrs	32	16	543	17	168	15	1,213	16								
	23	21-25 hrs	14	7	227	7	75	7	484	6								
	28	26-30 hrs	5	3	92	3	36	4	194	2								
	33	More than 30 hrs	10	5	145	5	49	5	354	5								
	Total				208	100	3,345	100	1,161	100	8,158							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	190	90	3,013	91	1,035	89	7,022	87	<b>1.0</b>	.8	.05	.9	.02	1.2	-.06
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	6	164	5	73	6	555	6							
	8	6-10 hrs	3	1	70	2	19	1	231	3								
	13	11-15 hrs	2	1	42	1	15	1	127	1								
	18	16-20 hrs	1	0	28	1	8	1	80	1								
	23	21-25 hrs	3	1	13	0	5	1	37	0								
	28	26-30 hrs	0	0	4	0	1	0	16	0								
	33	More than 30 hrs	1	1	13	0	8	1	92	1								
	Total				211	100	3,347	100	1,164	100	8,160							

\*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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>									
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs (Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	110	51	1,826	53	633	52	3,862	48	<b>2.4</b>	2.1	.10	2.0	.12	2.7	-.06			
		3	1-5 hrs	82	39	1,248	39	437	40	3,241	40										
		8	6-10 hrs	11	6	185	5	63	5	605	7										
		13	11-15 hrs	3	2	44	1	14	1	238	2										
		18	16-20 hrs	2	1	25	1	9	1	109	1										
		23	21-25 hrs	2	1	12	0	3	0	47	1										
		28	26-30 hrs	0	0	3	0	2	0	20	0										
		33	More than 30 hrs	1	1	5	0	1	0	45	1										
Total				211	100	3,348	100	1,162	100	8,167	100										
<b>17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																					
reading	1	Very little	2	Some	12	6	236	7	66	6	616	8	<b>3.2</b>	3.2	-.03	3.3	-.07	3.1	.05		
					47	23	712	22	264	23	1,951	24									
					57	27	869	26	298	26	2,242	27									
					74	34	1,046	31	349	30	2,268	28									
					20	10	471	14	185	16	1,074	13									
					Total				210	100	3,334	100								1,162	100
tmreadinghrs	(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)														<b>9.6</b>	9.2	.06	9.5	.02	8.6 *	.16
tmreadinghrscol (Collapsed version of tmreadinghrs created by NSSE.)	1	0 hrs	2	More than zero, up to 5 hrs	0	0	6	0	3	0	16	0	<b>9.6</b>	9.2	.06	9.5	.02	8.6 *	.16		
					57	28	987	29	343	29	2,858	35									
					71	34	1,174	36	389	34	2,786	35									
					38	18	518	16	183	15	1,092	14									
					25	11	335	10	124	11	717	9									
					17	8	233	7	86	7	479	6									
					2	1	65	2	27	2	170	2									
					Total				210	100	3,318	100								1,155	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### 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	St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf		Criterion		ACM/GLCA		Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																			
a. Writing clearly and effectively	pgwrite	1	Very little	3	2	57	2	29	3	170	2	<b>3.2</b>	3.3	-.13	3.3	-.06	3.3	-.05	
		2	Some	34	16	417	13	149	14	1,129	14								
		3	Quite a bit	85	41	1,255	37	437	37	3,146	38								
		4	Very much	88	42	1,612	49	548	47	3,709	45								
		Total		210	100	3,341	100	1,163	100	8,154	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	6	3	123	4	41	4	256	4	<b>3.0</b>	3.1	-.10	3.1	-.05	3.1	-.11	
		2	Some	53	25	602	19	235	21	1,456	19								
		3	Quite a bit	80	38	1,302	38	449	38	3,255	40								
		4	Very much	71	34	1,311	38	439	36	3,187	38								
		Total		210	100	3,338	100	1,164	100	8,154	100								
c. Thinking critically and analytically	pgthink	1	Very little	3	2	32	1	14	2	85	1	<b>3.4</b>	3.5	-.09	3.5	-.02	3.5	-.03	
		2	Some	17	8	229	7	93	8	646	8								
		3	Quite a bit	71	34	1,108	32	381	33	2,782	34								
		4	Very much	117	56	1,966	60	673	57	4,633	57								
		Total		208	100	3,335	100	1,161	100	8,146	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	23	11	342	10	128	11	774	10	<b>2.9</b>	2.9	-.04	2.8	.03	2.9	-.01	
		2	Some	53	25	835	24	321	26	2,110	26								
		3	Quite a bit	62	29	999	30	355	31	2,597	31								
		4	Very much	70	34	1,160	36	358	32	2,668	33								
		Total		208	100	3,336	100	1,162	100	8,149	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	6	3	347	11	127	11	679	9	<b>2.9</b>	2.7 *	.14	2.7 *	.17	2.8	.03	
		2	Some	69	34	1,016	31	359	31	2,177	27								
		3	Quite a bit	78	36	1,127	33	392	34	2,879	35								
		4	Very much	57	27	849	25	284	24	2,424	29								
		Total		210	100	3,339	100	1,162	100	8,159	100								
f. Working effectively with others	pgothers	1	Very little	5	3	99	3	34	4	227	3	<b>3.1</b>	3.1	.06	3.1	.10	3.1	.03	
		2	Some	32	15	635	20	224	21	1,436	19								
		3	Quite a bit	98	47	1,375	41	485	41	3,365	41								
		4	Very much	75	35	1,223	36	417	34	3,118	37								
		Total		210	100	3,332	100	1,160	100	8,146	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 2023 Frequencies and Statistical Comparisons

## St. Olaf College

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				St. Olaf		Criterion		ACM/GLCA		Carnegie		St. Olaf	Criterion	ACM/GLCA		Carnegie		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	8	4	281	9	94	9	545	8	<b>3.0</b>	2.9	.12	2.9 *	.13	2.9	.06
		2	Some	46	22	793	24	276	25	1,839	23							
		3	Quite a bit	94	45	1,207	35	430	36	3,009	36							
		4	Very much	61	29	1,047	31	358	30	2,744	33							
		Total		209	100	3,328	100	1,158	100	8,137	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	5	2	188	6	64	6	409	5	<b>3.0</b>	2.9	.10	3.0	.08	3.0	.06
		2	Some	45	22	793	24	272	24	1,823	23							
		3	Quite a bit	97	45	1,345	39	461	38	3,247	39							
		4	Very much	62	30	1,008	31	366	32	2,672	32							
		Total		209	100	3,334	100	1,163	100	8,151	100							
i. Solving complex real-world problems	pgprobolve	1	Very little	10	5	225	7	72	7	481	6	<b>2.9</b>	2.9	-.04	2.8	.03	2.9	-.06
		2	Some	60	29	858	26	335	28	2,050	26							
		3	Quite a bit	86	41	1,283	37	449	38	3,132	38							
		4	Very much	53	25	971	30	305	26	2,492	30							
		Total		209	100	3,337	100	1,161	100	8,155	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	14	7	245	8	98	9	573	8	<b>2.8</b>	2.9	-.05	2.8	.00	2.9	-.05
		2	Some	52	25	861	26	309	27	2,061	26							
		3	Quite a bit	95	45	1,251	37	430	37	3,057	37							
		4	Very much	47	23	979	29	326	27	2,463	29							
		Total		208	100	3,336	100	1,163	100	8,154	100							
<b>19. How would you evaluate your entire educational experience at this institution?</b>																		
	evalexp	1	Poor	3	2	66	2	27	3	171	2	<b>3.3</b>	3.3	-.05	3.2	.04	3.3	.01
		2	Fair	18	9	326	10	129	11	883	11							
		3	Good	108	51	1,491	43	546	46	3,787	45							
		4	Excellent	80	38	1,465	44	461	40	3,333	41							
		Total		209	100	3,348	100	1,163	100	8,174	100							
<b>20. If you could start over again, would you go to the same institution you are now attending?</b>																		
	sameinst	1	Definitely no	10	4	174	5	80	7	454	6	<b>3.0</b>	3.1	-.03	3.0	.03	3.0	.00
		2	Probably no	28	14	561	17	197	17	1,380	17							
		3	Probably yes	113	54	1,497	43	499	42	3,563	43							
		4	Definitely yes	58	27	1,129	35	394	34	2,811	34							
		Total		209	100	3,361	100	1,170	100	8,208	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 2023 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>B</sup> St. Olaf College

### 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>		
	St. Olaf	St. Olaf	Criterion	ACM/GLCA	Carnegie	St. Olaf	Criterion	ACM/GLCA	Carnegie	St. Olaf	Criterion	ACM/GLCA	Carnegie	Criterion	ACM/GLCA	Carnegie	Criterion	ACM/GLCA	Carnegie	Criterion	ACM/GLCA	Carnegie
	Comparisons with:																					
1 a. askquest	394	3.02	3.12	3.09	3.05	.040	.009	.017	.006	.79	.80	.80	.82	437	2,661	413	.012	.092	.477	-.13	-.09	-.04
b. CLaskhelp	391	2.70	2.58	2.58	2.59	.041	.010	.017	.006	.82	.83	.80	.85	7,799	2,648	17,390	.007	.006	.012	.14	.15	.13
c. CLexplain	390	2.72	2.72	2.66	2.69	.039	.009	.016	.006	.78	.80	.76	.81	7,783	2,645	17,354	.998	.149	.429	.00	.08	.04
d. CLstudy	389	2.53	2.55	2.51	2.53	.045	.011	.019	.007	.89	.93	.91	.93	7,735	2,629	17,239	.546	.750	.906	-.03	.02	-.01
e. CLproject	386	2.79	2.72	2.76	2.73	.038	.009	.017	.006	.75	.81	.80	.81	433	547	406	.056	.372	.124	.09	.05	.07
f. present	384	2.43	2.34	2.34	2.38	.037	.009	.016	.006	.73	.79	.78	.81	7,680	2,607	405	.032	.038	.131	.11	.11	.07
2 a. RIntegrate	377	2.76	2.72	2.69	2.69	.040	.010	.018	.007	.78	.84	.84	.85	422	535	396	.350	.134	.082	.05	.08	.08
b. RIsocietal	376	2.90	2.88	2.83	2.80	.041	.010	.018	.007	.80	.84	.85	.87	420	531	395	.766	.132	.024	.02	.08	.11
c. RIdiverse	375	2.99	2.92	2.86	2.85	.037	.010	.018	.007	.72	.82	.83	.85	427	563	398	.046	.001	.000	.09	.16	.16
d. Rlownview	370	2.92	2.89	2.85	2.86	.037	.009	.017	.006	.72	.78	.78	.78	415	530	389	.483	.117	.167	.04	.08	.07
e. Rlperspect	367	3.00	3.00	2.95	2.98	.041	.009	.017	.006	.78	.75	.77	.76	7,238	2,468	16,002	.856	.190	.513	.01	.07	.03
f. Rlnewview	363	2.98	2.99	2.96	2.95	.041	.009	.017	.006	.78	.77	.77	.78	7,138	2,439	15,719	.763	.685	.533	-.02	.02	.03
g. Rlconnect	358	3.21	3.23	3.22	3.17	.035	.008	.015	.006	.66	.68	.69	.71	7,050	504	15,527	.455	.751	.350	-.04	-.02	.05
3 a. SFcareer	358	2.22	2.24	2.26	2.35	.045	.011	.020	.007	.86	.90	.89	.92	7,056	2,414	377	.733	.538	.007	-.02	-.04	-.13
b. SFotherwork	358	1.89	1.89	1.87	1.94	.048	.011	.020	.008	.91	.91	.90	.93	7,001	2,412	15,419	.986	.606	.304	.00	.03	-.05
c. SFdiscuss	353	2.24	2.34	2.30	2.28	.044	.011	.019	.007	.83	.86	.85	.88	394	2,374	371	.034	.264	.460	-.11	-.06	-.04
d. SFperform	354	2.24	2.28	2.26	2.31	.044	.010	.018	.007	.82	.84	.83	.86	6,948	2,383	15,239	.427	.706	.138	-.04	-.02	-.08
4 a. memorize	351	2.66	2.77	2.70	2.80	.043	.010	.019	.007	.80	.83	.84	.83	6,878	2,369	15,121	.017	.423	.001	-.13	-.05	-.17
b. HOapply	351	2.98	3.06	3.03	2.99	.041	.009	.017	.006	.77	.76	.75	.78	6,863	2,366	15,054	.057	.299	.885	-.10	-.06	-.01
c. HOanalyze	346	3.12	3.13	3.08	3.04	.040	.009	.017	.006	.74	.75	.77	.78	6,795	2,344	14,865	.955	.345	.059	.00	.06	.10
d. HOevaluate	347	3.15	3.08	3.02	3.02	.039	.010	.018	.007	.72	.78	.80	.79	6,775	2,345	14,825	.113	.004	.005	.09	.17	.15
e. HOform	345	3.13	3.07	3.01	3.02	.037	.009	.017	.006	.69	.76	.77	.77	6,713	2,337	14,712	.110	.007	.007	.09	.16	.15
5 a. ETgoals	341	3.09	3.14	3.14	3.10	.039	.009	.016	.006	.72	.72	.71	.75	6,668	2,316	14,620	.186	.267	.889	-.07	-.07	-.01
b. ETorganize	340	3.01	3.13	3.09	3.06	.039	.009	.017	.006	.72	.72	.74	.77	376	470	358	.004	.057	.188	-.16	-.11	-.07
c. ETexample	339	3.07	3.13	3.08	3.07	.039	.010	.017	.007	.73	.76	.76	.80	379	2,310	358	.142	.799	.985	-.08	-.01	.00
d. ETdraftfb	337	2.79	2.94	2.98	2.94	.044	.011	.019	.007	.82	.85	.84	.86	6,598	2,307	14,508	.001	.000	.001	-.18	-.23	-.18
e. ETfeedback	334	2.83	2.93	2.92	2.87	.044	.010	.018	.007	.80	.81	.81	.84	6,560	2,295	14,416	.028	.061	.374	-.12	-.11	-.05
f. etcriteria	333	3.01	3.06	3.03	3.02	.041	.010	.017	.007	.75	.76	.77	.79	6,527	2,282	14,339	.289	.612	.861	-.06	-.03	-.01
g. etreview	330	3.00	3.03	3.01	3.01	.041	.010	.017	.007	.75	.77	.76	.78	6,504	2,270	14,278	.398	.794	.801	-.05	-.02	-.01
h. etprefer	328	2.73	2.80	2.78	2.74	.041	.010	.018	.007	.74	.78	.77	.83	6,486	2,264	347	.098	.215	.706	-.09	-.07	-.02
i. etdemonstrate	329	3.10	3.16	3.19	3.12	.040	.009	.017	.007	.73	.73	.74	.77	6,459	2,257	14,191	.109	.043	.534	-.09	-.12	-.03

# NSSE 2023 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>B</sup> St. Olaf College

### 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>		
	St. Olaf	St. Olaf	Criterion	ACM/GLCA	Carnegie	St. Olaf	Criterion	ACM/GLCA	Carnegie	St. Olaf	Criterion	ACM/GLCA	Carnegie	Comparisons with:			Comparisons with:			Comparisons with:		
														Criterion	ACM/GLCA	Carnegie	Criterion	ACM/GLCA	Carnegie	Criterion	ACM/GLCA	Carnegie
6 a. QRconclude	325	2.54	2.61	2.55	2.58	.048	.011	.020	.008	.87	.88	.88	.88	6,341	2,227	13,933	.135	.906	.382	-.09	-.01	-.05
b. QRproblem	324	2.46	2.42	2.33	2.40	.048	.012	.020	.008	.87	.91	.88	.90	6,296	2,220	13,854	.478	.014	.207	.04	.15	.07
c. QRevaluate	323	2.58	2.46	2.37	2.42	.045	.011	.020	.008	.81	.88	.87	.88	365	2,210	341	.011	.000	.001	.14	.24	.18
7 a. wrshortnum	319	8.11	8.11	8.38	7.70	.338	.076	.143	.051	6.04	5.87	6.20	5.86	6,259	2,200	13,745	.988	.471	.211	.00	-.04	.07
b. wrmednum	320	2.29	2.86	2.93	2.71	.191	.044	.085	.030	3.42	3.42	3.69	3.46	6,253	2,199	13,714	.004	.004	.033	-.17	-.18	-.12
c. wrlongnum	320	.91	1.03	.99	1.03	.181	.037	.062	.025	3.24	2.88	2.67	2.93	6,246	2,195	13,707	.465	.662	.498	-.04	-.03	-.04
— wrpages	319	56.45	62.14	63.02	59.49	4.214	.924	1.633	.627	75.29	70.92	70.53	72.29	6,212	2,183	13,623	.164	.128	.457	-.08	-.09	-.04
8 a. DDrace	318	3.20	3.16	3.12	3.12	.044	.011	.019	.007	.78	.82	.83	.85	6,252	2,202	336	.349	.115	.054	.05	.10	.10
b. DDeconomic	319	3.15	3.15	3.13	3.12	.044	.011	.019	.007	.78	.81	.82	.83	6,241	2,193	13,677	.978	.692	.555	.00	.02	.03
c. DDreligion	318	3.12	3.09	3.02	3.03	.046	.011	.020	.008	.82	.84	.86	.88	6,242	2,198	13,693	.484	.049	.063	.04	.12	.11
d. DDpolitical	320	2.50	2.68	2.62	2.76	.051	.012	.022	.008	.92	.96	.94	.95	358	2,203	13,683	.000	.023	.000	-.20	-.14	-.28
e. ddsexorient	320	3.24	3.12	3.10	3.05	.044	.011	.021	.008	.79	.86	.92	.91	6,233	480	340	.020	.004	.000	.13	.16	.21
f. ddcountry	320	3.18	2.94	2.96	2.83	.043	.011	.020	.008	.77	.87	.86	.91	364	2,201	341	.000	.000	.000	.28	.25	.38
9 a. LSreading	315	3.17	3.21	3.18	3.13	.040	.009	.017	.006	.71	.71	.74	.74	6,199	2,186	13,581	.355	.887	.323	-.05	-.01	.06
b. LSnotes	317	2.71	2.85	2.77	2.87	.051	.011	.020	.008	.91	.87	.86	.87	348	418	330	.007	.256	.003	-.16	-.07	-.18
c. LSsummary	315	2.82	2.86	2.80	2.86	.047	.011	.019	.007	.84	.84	.83	.84	6,194	2,177	13,572	.421	.667	.487	-.05	.03	-.04
10 challenge	314	5.28	5.47	5.47	5.45	.063	.014	.025	.010	1.12	1.07	1.08	1.12	6,170	2,171	13,489	.003	.005	.009	-.17	-.17	-.15
11 a. intern <sup>l</sup>	314	7%	8%	9%	8%	.014	.004	.007	.002	--	--	--	--	--	--	--	.318	.238	.262	-.06	-.08	-.07
b. leader <sup>l</sup>	313	11%	18%	15%	15%	.018	.005	.008	.003	--	--	--	--	--	--	--	.002	.031	.036	-.20	-.14	-.13
c. learncom <sup>l</sup>	313	21%	9%	7%	9%	.023	.004	.006	.002	--	--	--	--	--	--	--	.000	.000	.000	.35	.42	.35
d. abroad <sup>l</sup>	312	4%	3%	2%	3%	.011	.002	.003	.001	--	--	--	--	--	--	--	.202	.016	.167	.07	.13	.07
e. research <sup>l</sup>	312	4%	8%	7%	6%	.011	.003	.006	.002	--	--	--	--	--	--	--	.021	.110	.113	-.15	-.11	-.10
f. capstone <sup>l</sup>	313	1%	1%	1%	1%	.006	.001	.003	.001	--	--	--	--	--	--	--	.770	.691	.487	-.02	-.03	-.04
12 servcourse	310	1.56	1.46	1.50	1.56	.036	.008	.014	.006	.64	.63	.61	.66	6,075	2,154	13,256	.012	.165	.878	.15	.09	-.01
13 a. Qlstudent	311	5.37	5.46	5.53	5.43	.069	.016	.028	.011	1.22	1.21	1.21	1.27	6,085	2,151	13,237	.204	.030	.364	-.07	-.13	-.05
b. Qladvisor	309	5.07	5.42	5.46	5.43	.091	.020	.034	.013	1.61	1.49	1.45	1.52	6,055	2,118	13,135	.000	.000	.000	-.24	-.27	-.24
c. Qlfaculty	311	5.52	5.75	5.68	5.64	.065	.014	.026	.010	1.15	1.07	1.11	1.17	340	2,148	13,210	.001	.023	.074	-.22	-.14	-.10
d. Qlstaff	295	5.16	5.23	5.14	5.21	.079	.019	.035	.013	1.36	1.42	1.44	1.47	5,776	2,028	12,608	.429	.801	.608	-.05	.02	-.03
e. Qladmin	293	5.18	5.21	5.13	5.19	.076	.019	.035	.013	1.31	1.40	1.45	1.47	5,600	424	310	.692	.561	.907	-.02	.03	-.01

# NSSE 2023 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>B</sup> St. Olaf College

### 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>		
	St. Olaf	St. Olaf	Criterion	ACM/GLCA	Carnegie	St. Olaf	Criterion	ACM/GLCA	Carnegie	St. Olaf	Criterion	ACM/GLCA	Carnegie	Comparisons with:			Comparisons with:			Comparisons with:		
														Criterion	ACM/GLCA	Carnegie	Criterion	ACM/GLCA	Carnegie	Criterion	ACM/GLCA	Carnegie
14 a. empstudy	311	3.21	3.18	3.16	3.11	.039	.010	.016	.006	.69	.72	.70	.73	6,076	2,152	13,222	.480	.226	.014	.04	.07	.14
b. SEacademic	311	3.19	3.08	3.07	3.05	.041	.010	.018	.007	.73	.78	.77	.80	6,063	2,147	13,200	.017	.011	.002	.14	.16	.18
c. SElearnsup	311	3.28	3.13	3.10	3.11	.041	.011	.020	.007	.73	.82	.85	.84	6,054	2,151	13,186	.001	.000	.000	.19	.22	.20
d. SEdiverse	309	2.93	2.73	2.75	2.75	.048	.012	.021	.008	.85	.92	.91	.92	349	438	326	.000	.001	.000	.21	.19	.19
e. SESocial	311	2.94	2.97	2.97	2.98	.045	.011	.019	.007	.80	.83	.82	.84	6,049	2,141	13,162	.488	.542	.342	-.04	-.04	-.05
f. SEwellness	310	2.89	2.84	2.79	2.83	.044	.011	.020	.008	.77	.85	.86	.87	351	448	329	.224	.045	.193	.06	.11	.07
g. SENonacad	311	2.25	2.19	2.13	2.21	.049	.012	.021	.008	.86	.91	.89	.92	6,031	2,136	13,125	.266	.033	.482	.06	.13	.04
h. SEactivities	311	2.78	2.85	2.83	2.87	.046	.011	.020	.008	.81	.84	.84	.85	6,023	2,142	13,121	.142	.344	.064	-.09	-.06	-.11
i. SEevents	309	2.60	2.66	2.62	2.64	.045	.011	.020	.008	.79	.87	.86	.89	349	2,138	327	.167	.571	.335	-.07	-.03	-.05
15 a. sbmyself	311	3.11	3.21	3.21	3.20	.039	.009	.016	.006	.70	.69	.68	.69	345	416	325	.010	.012	.017	-.15	-.16	-.14
b. sbvalued	311	2.96	3.00	2.98	2.99	.038	.009	.017	.006	.67	.71	.72	.73	6,016	2,141	13,096	.336	.592	.501	-.06	-.03	-.04
c. sbcommunity	311	2.97	3.02	3.02	3.01	.043	.010	.018	.007	.75	.75	.75	.76	6,014	2,143	13,108	.208	.259	.340	-.07	-.07	-.05
16 a. tmprephrs	309	17.94	17.22	16.63	15.96	.421	.105	.188	.071	7.41	7.91	8.04	8.01	348	441	326	.096	.005	.000	.09	.16	.25
b. tmcocurrhrs	309	7.57	7.99	7.74	7.70	.372	.099	.173	.067	6.54	7.44	7.39	7.58	5,981	453	329	.335	.685	.728	-.06	-.02	-.02
c. tmworkonhrs	310	4.01	3.14	3.33	3.07	.328	.070	.122	.047	5.78	5.26	5.22	5.37	338	400	322	.010	.053	.005	.16	.13	.17
d. tmworkoffhrs	311	1.37	1.31	1.85	2.54	.253	.059	.126	.056	4.47	4.44	5.36	6.34	5,995	477	342	.794	.094	.000	.02	-.09	-.19
— tmworkhrs	310	5.38	4.44	5.18	5.61	.470	.099	.178	.077	8.29	7.43	7.59	8.67	5,987	2,129	13,068	.030	.665	.650	.13	.03	-.03
e. tmservicehrs	308	1.09	1.52	1.47	1.70	.196	.044	.082	.033	3.44	3.34	3.51	3.68	5,995	2,129	324	.028	.081	.002	-.13	-.11	-.17
f. tmrelaxhrs	308	14.03	13.26	13.03	12.74	.450	.105	.188	.071	7.91	7.95	7.99	8.00	5,993	2,123	13,075	.100	.043	.005	.10	.12	.16
g. tmcarehrs	309	1.06	.82	.84	1.15	.227	.043	.081	.036	3.98	3.25	3.47	4.04	331	392	13,040	.293	.362	.700	.07	.06	-.02
h. tmcommutehrs	309	1.89	1.54	1.77	2.10	.244	.051	.093	.041	4.28	3.89	3.96	4.62	6,001	2,131	13,084	.130	.635	.419	.09	.03	-.05
17 reading	309	3.31	3.18	3.10	3.04	.060	.014	.025	.010	1.06	1.06	1.07	1.09	5,976	2,120	13,045	.031	.002	.000	.13	.19	.24
— tmreadinghrs	307	10.17	9.31	8.86	8.29	.347	.083	.147	.055	6.09	6.24	6.25	6.16	5,948	2,113	12,983	.018	.001	.000	.14	.21	.31

# NSSE 2023 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> St. Olaf College

### 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>		
	St. Olaf	St. Olaf	Criterion	ACM/GLCA	Carnegie	St. Olaf	Criterion	ACM/GLCA	Carnegie	St. Olaf	Criterion	ACM/GLCA	Carnegie	Comparisons with:			Comparisons with:			Comparisons with:		
														Criterion	ACM/GLCA	Carnegie	Criterion	ACM/GLCA	Carnegie	Criterion	ACM/GLCA	Carnegie
18 a. pgwrite	309	2.79	2.92	2.84	2.88	.046	.011	.020	.007	.81	.82	.84	.83	5,973	2,122	13,045	.007	.264	.053	-.16	-.07	-.11
b. pgspeak	308	2.54	2.61	2.60	2.65	.047	.012	.021	.008	.82	.90	.90	.89	349	443	13,027	.135	.233	.022	-.08	-.07	-.13
c. pgthink	309	3.02	3.18	3.11	3.14	.046	.010	.018	.007	.80	.76	.78	.78	5,956	2,118	13,019	.001	.054	.007	-.20	-.12	-.15
d. pganalyze	308	2.45	2.56	2.52	2.55	.053	.013	.023	.009	.94	.97	.98	.97	5,958	2,120	13,023	.046	.253	.069	-.12	-.07	-.10
e. pgwork	309	2.36	2.42	2.45	2.50	.051	.012	.021	.008	.90	.94	.90	.93	5,958	2,122	13,028	.257	.109	.007	-.07	-.10	-.16
f. pgothers	309	2.81	2.73	2.75	2.79	.045	.011	.020	.007	.80	.84	.84	.84	347	433	325	.109	.225	.749	.09	.07	.02
g. pgvalues	308	2.72	2.67	2.65	2.72	.049	.012	.021	.008	.87	.92	.91	.91	346	431	13,008	.325	.167	.994	.05	.08	.00
h. pgdiverse	308	2.97	2.82	2.86	2.85	.047	.012	.020	.008	.82	.89	.86	.89	348	431	325	.004	.031	.014	.16	.13	.13
i. pgprobsolve	307	2.62	2.66	2.63	2.66	.049	.012	.021	.008	.87	.90	.89	.90	5,966	2,118	13,034	.491	.846	.427	-.04	-.01	-.05
j. pgcitizen	308	2.71	2.72	2.68	2.71	.045	.012	.021	.008	.79	.90	.91	.91	352	456	327	.693	.665	.865	-.02	.02	-.01
19 evalexp	309	3.09	3.24	3.21	3.16	.040	.009	.016	.006	.70	.69	.70	.72	342	421	325	.000	.005	.058	-.23	-.17	-.11
20 sameinst	309	3.07	3.14	3.14	3.11	.045	.010	.018	.007	.78	.79	.78	.80	6,002	2,125	13,127	.127	.197	.457	-.09	-.08	-.04
21 returnexp <sup>l</sup>	310	93%	90%	89%	87%	.0149	.0039	.0073	.0029	--	--	--	--	--	--	--	.193	.063	.006	.08	.12	.18

IPEDS: 174844

# NSSE 2023 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>B</sup> St. Olaf College

### 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>		
	St. Olaf	St. Olaf	Criterion	ACM/GLCA	Carnegie	St. Olaf	Criterion	ACM/GLCA	Carnegie	St. Olaf	Criterion	ACM/GLCA	Carnegie	Comparisons with:			Comparisons with:			Comparisons with:		
														Criterion	ACM/GLCA	Carnegie	Criterion	ACM/GLCA	Carnegie	Criterion	ACM/GLCA	Carnegie
1 a. askquest	249	3.27	3.34	3.33	3.29	.049	.011	.019	.007	.77	.78	.77	.79	5,246	1,809	11,393	.136	.227	.600	-.10	-.08	-.03
b. CLaskhelp	249	2.57	2.55	2.54	2.55	.053	.012	.022	.008	.83	.85	.86	.86	5,230	1,793	11,342	.748	.595	.661	.02	.04	.03
c. CLexplain	249	2.83	2.84	2.84	2.85	.053	.012	.021	.008	.83	.82	.83	.83	5,223	1,789	11,319	.849	.922	.667	-.01	-.01	-.03
d. CLstudy	248	2.63	2.57	2.48	2.55	.056	.014	.025	.009	.89	.96	.98	.96	277	351	260	.303	.015	.187	.06	.16	.08
e. CLproject	246	3.08	2.95	2.92	2.94	.048	.012	.021	.008	.75	.83	.81	.83	276	1,766	259	.014	.004	.005	.15	.20	.17
f. present	246	2.79	2.96	2.93	2.96	.050	.012	.021	.008	.79	.82	.83	.84	5,154	1,769	11,193	.002	.014	.002	-.20	-.17	-.19
2 a. RIntegrate	243	2.92	3.07	3.03	3.06	.052	.011	.021	.008	.81	.80	.82	.81	5,112	1,760	11,081	.005	.061	.010	-.18	-.13	-.17
b. RIsocietal	244	3.05	3.10	3.12	3.07	.053	.012	.021	.008	.83	.84	.82	.84	5,082	1,754	11,021	.433	.268	.698	-.05	-.08	-.03
c. RIdiverse	242	2.96	2.98	3.01	2.97	.054	.013	.022	.008	.84	.87	.86	.88	5,056	1,743	10,959	.701	.412	.766	-.03	-.06	-.02
d. Rlownview	239	2.89	2.96	2.97	2.97	.048	.011	.020	.008	.74	.78	.79	.79	5,024	1,740	10,884	.146	.113	.111	-.10	-.11	-.10
e. Rlperspect	234	2.96	3.03	3.05	3.05	.045	.011	.020	.007	.69	.76	.76	.76	261	327	245	.177	.086	.050	-.08	-.11	-.12
f. Rlnewview	232	3.02	3.09	3.07	3.08	.050	.011	.020	.008	.76	.75	.77	.77	4,871	1,690	10,602	.153	.367	.246	-.10	-.06	-.08
g. Rlconnect	234	3.26	3.34	3.32	3.32	.047	.010	.018	.007	.72	.69	.69	.69	4,828	1,678	10,494	.090	.232	.244	-.11	-.08	-.08
3 a. SFcareer	234	2.62	2.67	2.65	2.75	.058	.014	.024	.009	.89	.93	.92	.93	4,835	1,676	10,490	.379	.641	.032	-.06	-.03	-.14
b. SFotherwork	232	2.24	2.30	2.27	2.35	.064	.015	.026	.010	.98	1.01	.99	1.02	4,808	1,672	10,463	.388	.667	.108	-.06	-.03	-.11
c. SFdiscuss	233	2.46	2.57	2.51	2.57	.055	.013	.024	.009	.84	.90	.90	.91	260	324	245	.037	.374	.039	-.13	-.06	-.13
d. SFperform	233	2.24	2.37	2.31	2.44	.056	.013	.024	.009	.85	.90	.91	.92	259	324	244	.020	.222	.001	-.15	-.08	-.22
4 a. memorize	234	2.37	2.50	2.41	2.59	.056	.014	.025	.009	.86	.92	.93	.91	261	329	10,299	.023	.456	.000	-.14	-.05	-.24
b. HOapply	233	3.07	3.12	3.10	3.11	.051	.012	.021	.008	.78	.77	.78	.78	4,709	1,654	10,246	.309	.651	.423	-.07	-.03	-.05
c. HOanalyze	231	3.14	3.18	3.15	3.15	.049	.012	.021	.008	.74	.77	.78	.78	256	1,640	242	.421	.933	.881	-.05	-.01	-.01
d. HOevaluate	232	3.15	3.12	3.12	3.10	.050	.012	.022	.008	.77	.81	.81	.80	4,668	1,635	10,137	.501	.518	.342	.05	.05	.06
e. HOform	232	3.06	3.14	3.09	3.11	.048	.012	.021	.008	.74	.77	.80	.78	258	1,628	243	.096	.571	.293	-.11	-.04	-.07
5 a. ETgoals	229	3.11	3.21	3.17	3.20	.048	.011	.020	.007	.72	.72	.73	.74	4,626	1,624	239	.033	.280	.068	-.14	-.08	-.12
b. ETorganize	228	3.10	3.21	3.14	3.17	.049	.011	.020	.008	.74	.71	.74	.74	4,611	1,620	9,996	.024	.367	.128	-.15	-.06	-.10
c. ETexample	225	3.18	3.20	3.16	3.18	.051	.011	.021	.008	.76	.75	.77	.78	4,593	1,613	9,962	.743	.770	.986	-.02	.02	.00
d. ETdraftfb	226	2.88	3.00	2.96	3.01	.060	.013	.023	.009	.89	.86	.87	.86	247	1,612	9,945	.051	.224	.026	-.14	-.09	-.15
e. ETfeedback	223	2.84	2.99	2.91	2.98	.053	.012	.022	.008	.79	.82	.83	.83	4,565	1,601	9,898	.006	.262	.014	-.19	-.08	-.17
f. etcriteria	222	3.07	3.14	3.10	3.13	.050	.011	.021	.008	.74	.76	.77	.77	4,546	1,595	9,853	.224	.641	.303	-.08	-.03	-.07
g. etreview	222	3.00	3.14	3.07	3.13	.052	.012	.021	.008	.78	.76	.77	.77	4,531	1,586	231	.011	.263	.020	-.18	-.08	-.16
h. etprefer	221	2.89	2.95	2.87	2.91	.051	.012	.022	.008	.75	.79	.80	.82	4,523	1,587	9,792	.317	.677	.668	-.07	.03	-.03
i. etdemonstrate	221	3.11	3.14	3.13	3.15	.051	.012	.021	.008	.76	.76	.78	.76	4,513	1,580	9,784	.541	.725	.397	-.04	-.03	-.06

# NSSE 2023 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>B</sup> St. Olaf College

### 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>		
	St. Olaf	St. Olaf	Criterion	ACM/GLCA	Carnegie	St. Olaf	Criterion	ACM/GLCA	Carnegie	St. Olaf	Criterion	ACM/GLCA	Carnegie	Comparisons with:			Comparisons with:			Comparisons with:		
														Criterion	ACM/GLCA	Carnegie	Criterion	ACM/GLCA	Carnegie	Criterion	ACM/GLCA	Carnegie
6 a. QRconclude	215	2.70	2.69	2.64	2.67	.066	.015	.025	.010	.97	.97	.94	.95	4,447	1,568	9,648	.856	.368	.585	.01	.07	.04
b. QRproblem	216	2.57	2.55	2.53	2.54	.068	.015	.027	.010	1.00	.98	.98	.98	4,425	1,559	9,608	.774	.585	.597	.02	.04	.04
c. QRevaluate	215	2.59	2.65	2.60	2.60	.061	.015	.026	.010	.90	.95	.95	.95	4,419	1,562	9,586	.344	.882	.811	-.07	-.01	-.02
7 a. wrshortnum	214	9.35	9.08	9.62	8.79	.440	.103	.186	.068	6.44	6.66	6.80	6.58	4,392	1,553	9,566	.559	.583	.222	.04	-.04	.08
b. wrmednum	213	3.76	4.24	4.34	4.09	.253	.065	.120	.044	3.69	4.23	4.39	4.28	4,388	1,548	9,539	.101	.068	.258	-.12	-.14	-.08
c. wrlongnum	214	1.82	2.30	2.58	2.26	.198	.052	.103	.037	2.90	3.37	3.77	3.57	4,403	340	9,578	.042	.001	.073	-.14	-.21	-.12
— wrpages	213	85.56	95.45	102.30	92.84	5.284	1.362	2.573	.946	77.05	87.78	93.99	91.16	4,361	1,545	9,501	.107	.014	.248	-.11	-.18	-.08
8 a. DDrace	213	3.07	3.17	3.14	3.10	.055	.013	.024	.009	.81	.83	.87	.85	4,406	296	9,568	.096	.237	.667	-.12	-.08	-.03
b. DDeconomic	213	3.10	3.18	3.16	3.14	.055	.013	.022	.008	.80	.81	.82	.81	4,397	1,552	9,536	.177	.287	.445	-.09	-.08	-.05
c. DDreligion	212	3.07	3.02	2.98	3.00	.058	.013	.024	.009	.84	.87	.89	.88	4,395	1,551	9,545	.381	.168	.233	.06	.10	.08
d. DDpolitical	214	2.51	2.67	2.63	2.76	.061	.014	.026	.010	.89	.94	.95	.94	4,397	1,551	9,533	.017	.100	.000	-.17	-.12	-.26
e. ddsexorient	214	3.32	3.12	3.11	3.07	.054	.013	.025	.009	.78	.85	.90	.88	4,391	309	9,537	.001	.001	.000	.23	.23	.28
f. ddcountry	214	3.06	2.86	2.91	2.77	.057	.014	.025	.009	.83	.88	.90	.90	238	299	224	.001	.017	.000	.23	.17	.32
9 a. LSreading	213	3.18	3.31	3.28	3.26	.049	.011	.020	.008	.71	.72	.72	.73	4,371	1,542	9,483	.011	.055	.121	-.18	-.14	-.11
b. LSnotes	214	2.60	2.65	2.54	2.71	.061	.014	.025	.010	.89	.93	.90	.92	4,368	1,539	9,472	.491	.320	.090	-.05	.07	-.12
c. LSsummary	213	2.68	2.83	2.70	2.84	.058	.013	.023	.009	.85	.86	.85	.86	4,365	1,540	9,469	.015	.832	.007	-.17	-.02	-.19
10 challenge	214	5.33	5.48	5.43	5.47	.072	.017	.030	.012	1.05	1.11	1.10	1.14	4,346	1,531	9,421	.063	.237	.082	-.13	-.09	-.12
11 a. intern <sup>l</sup>	214	67%	69%	69%	69%	.0321	.0072	.0128	.0048	--	--	--	--	--	--	--	.540	.711	.633	-.04	-.03	-.03
b. leader <sup>l</sup>	214	69%	67%	65%	63%	.0317	.0073	.0132	.0050	--	--	--	--	--	--	--	.556	.223	.072	.04	.09	.13
c. learncom <sup>l</sup>	214	41%	24%	25%	27%	.0337	.0066	.0119	.0047	--	--	--	--	--	--	--	.000	.000	.000	.37	.34	.28
d. abroad <sup>l</sup>	211	53%	32%	26%	26%	.0344	.0073	.0122	.0046	--	--	--	--	--	--	--	.000	.000	.000	.42	.54	.55
e. research <sup>l</sup>	214	47%	50%	51%	47%	.0342	.0078	.0138	.0052	--	--	--	--	--	--	--	.260	.258	.883	-.08	-.08	-.01
f. capstone <sup>l</sup>	214	48%	74%	78%	77%	.0343	.0068	.0114	.0044	--	--	--	--	--	--	--	.000	.000	.000	-.55	-.63	-.61
12 servcourse	211	1.84	1.60	1.68	1.72	.041	.010	.018	.007	.60	.61	.63	.64	234	292	222	.000	.000	.005	.39	.26	.18
13 a. Q1student	213	5.45	5.42	5.39	5.46	.078	.020	.035	.013	1.14	1.29	1.27	1.28	240	303	224	.681	.463	.916	.03	.05	-.01
b. Q1advisor	213	5.48	5.48	5.64	5.58	.103	.024	.041	.016	1.50	1.53	1.50	1.51	4,308	1,518	9,336	.996	.163	.377	.00	-.10	-.06
c. Q1faculty	213	5.61	5.77	5.65	5.75	.079	.018	.033	.012	1.15	1.12	1.20	1.17	4,322	1,520	9,357	.039	.615	.092	-.14	-.04	-.12
d. Q1staff	208	4.77	4.81	4.80	4.86	.104	.026	.045	.017	1.50	1.62	1.62	1.62	4,242	1,488	9,131	.691	.770	.406	-.03	-.02	-.06
e. Q1admin	206	4.83	4.74	4.76	4.80	.096	.026	.045	.017	1.38	1.63	1.62	1.64	234	302	218	.366	.540	.753	.06	.04	.02

# NSSE 2023 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> St. Olaf College

### 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>		
	St. Olaf					St. Olaf	Criterion	ACM/GLCA	Carnegie	St. Olaf	Criterion	ACM/GLCA	Carnegie	Criterion	ACM/GLCA	Carnegie	Criterion	ACM/GLCA	Carnegie	Criterion	ACM/GLCA	Carnegie
			Criterion	ACM/GLCA	Carnegie									Comparisons with:	Comparisons with:	Comparisons with:						
14 a. empstudy	211	3.31	3.26	3.27	3.19	.046	.011	.020	.008	.67	.73	.71	.74	4,308	1,517	9,344	.381	.501	.028	.06	.05	.15
b. SEacademic	211	3.04	2.96	2.92	2.96	.050	.012	.022	.008	.72	.78	.81	.81	4,305	303	223	.124	.025	.105	.11	.15	.10
c. SElearnsup	209	3.04	2.90	2.91	2.94	.051	.013	.024	.009	.74	.86	.86	.86	238	306	222	.009	.019	.060	.16	.16	.11
d. SEdiverse	211	2.66	2.54	2.60	2.60	.060	.014	.026	.010	.88	.92	.93	.94	4,297	1,514	222	.054	.351	.298	.14	.07	.07
e. SESocial	211	2.79	2.83	2.87	2.89	.057	.013	.023	.009	.83	.85	.83	.85	4,293	1,509	9,309	.479	.187	.069	-.05	-.10	-.13
f. SEwellness	211	2.60	2.62	2.54	2.66	.055	.014	.026	.009	.80	.89	.93	.90	238	311	223	.729	.323	.304	-.02	.07	-.06
g. SENonacad	209	1.88	1.95	1.90	2.01	.056	.014	.024	.010	.81	.89	.88	.92	4,291	1,505	9,299	.266	.788	.054	-.08	-.02	-.14
h. SEactivities	211	2.71	2.74	2.71	2.79	.058	.014	.024	.009	.84	.86	.88	.88	4,295	1,512	9,297	.620	.957	.161	-.04	.00	-.10
i. SEevents	211	2.48	2.59	2.52	2.58	.054	.014	.024	.009	.79	.86	.86	.89	4,296	1,511	223	.065	.507	.067	-.13	-.05	-.11
15 a. sbmyself	211	3.22	3.16	3.10	3.18	.048	.012	.022	.008	.70	.76	.79	.76	4,291	1,510	9,306	.271	.042	.404	.08	.15	.06
b. sbvalued	211	2.87	2.83	2.78	2.87	.053	.013	.025	.009	.77	.84	.89	.84	237	308	9,299	.434	.130	.998	.05	.10	.00
c. sbcommunity	211	3.00	2.96	2.95	2.98	.052	.013	.023	.009	.76	.84	.84	.83	238	301	222	.504	.354	.799	.04	.06	.02
16 a. tmprephrs	211	17.66	16.82	16.98	16.06	.568	.129	.234	.087	8.25	8.25	8.41	8.30	4,267	1,506	9,260	.149	.270	.006	.10	.08	.19
b. tmcocurrhrs	211	9.87	9.08	9.02	8.67	.553	.125	.220	.085	8.02	7.96	7.94	8.11	4,269	1,510	9,250	.162	.149	.034	.10	.11	.15
c. tmworkonhrs	211	6.54	5.55	6.24	5.54	.415	.096	.173	.070	6.02	6.12	6.23	6.62	4,268	1,505	222	.022	.514	.018	.16	.05	.15
d. tmworkoffhrs	211	2.54	2.78	3.79	4.92	.409	.098	.204	.090	5.94	6.23	7.34	8.52	4,271	325	231	.593	.007	.000	-.04	-.17	-.28
— tmworkhrs	211	9.10	8.32	10.03	10.46	.633	.134	.265	.108	9.19	8.53	9.53	10.25	4,260	288	222	.199	.172	.035	.09	-.10	-.13
e. tmservicehrs	210	2.09	1.96	1.88	2.36	.331	.059	.101	.047	4.81	3.78	3.64	4.52	4,273	1,505	9,263	.618	.464	.390	.04	.05	-.06
f. tmrelaxhrs	208	12.77	13.02	12.62	12.45	.540	.121	.219	.082	7.80	7.72	7.86	7.79	4,258	1,500	9,240	.649	.793	.557	-.03	.02	.04
g. tmcarehrs	211	.96	.79	.89	1.24	.278	.053	.103	.048	4.05	3.35	3.71	4.59	4,264	1,508	9,248	.462	.787	.374	.05	.02	-.06
h. tmcommutehrs	211	2.40	2.05	2.02	2.66	.294	.053	.087	.046	4.28	3.39	3.14	4.39	4,269	1,506	9,256	.148	.116	.401	.10	.12	-.06
17 reading	210	3.19	3.22	3.26	3.13	.075	.018	.032	.012	1.08	1.15	1.15	1.15	4,244	1,503	9,231	.703	.372	.465	-.03	-.07	.05
— tmreadinghrs	210	9.62	9.23	9.47	8.57	.438	.101	.183	.067	6.35	6.39	6.55	6.37	4,229	1,497	9,196	.386	.758	.018	.06	.02	.16



# NSSE 2023 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> St. Olaf College

### 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>		
	St. Olaf	St. Olaf	Criterion	ACM/GLCA	Carnegie	St. Olaf	Criterion	ACM/GLCA	Carnegie	St. Olaf	Criterion	ACM/GLCA	Carnegie	Comparisons with:			Comparisons with:			Comparisons with:		
														Criterion	ACM/GLCA	Carnegie	Criterion	ACM/GLCA	Carnegie	Criterion	ACM/GLCA	Carnegie
18 a. pgwrite	210	3.22	3.32	3.27	3.26	.053	.012	.022	.008	.77	.76	.80	.78	4,256	1,504	9,238	.069	.399	.450	-.13	-.06	-.05
b. pgspeak	210	3.03	3.11	3.07	3.12	.058	.013	.024	.009	.84	.85	.86	.83	4,251	1,505	9,240	.165	.495	.106	-.10	-.05	-.11
c. pgthink	208	3.44	3.51	3.46	3.47	.049	.011	.020	.007	.71	.67	.72	.69	4,246	1,500	9,228	.185	.825	.629	-.09	-.02	-.03
d. pganalyze	208	2.87	2.92	2.84	2.89	.070	.016	.028	.010	1.01	1.00	1.00	.98	4,250	1,501	9,234	.533	.683	.855	-.04	.03	-.01
e. pgwork	210	2.87	2.73	2.71	2.84	.058	.015	.026	.010	.84	.96	.95	.94	238	302	222	.024	.013	.608	.14	.17	.03
f. pgothers	210	3.15	3.09	3.06	3.12	.053	.013	.023	.009	.77	.83	.83	.82	4,245	1,502	9,231	.371	.180	.668	.06	.10	.03
g. pgvalues	209	2.99	2.88	2.87	2.94	.057	.015	.027	.010	.83	.96	.95	.93	238	306	221	.064	.046	.353	.12	.13	.06
h. pgdiverse	209	3.03	2.94	2.96	2.98	.055	.014	.025	.009	.79	.89	.89	.88	237	300	220	.111	.234	.350	.10	.08	.06
i. pgprobsolve	209	2.87	2.90	2.84	2.92	.059	.014	.025	.009	.85	.91	.90	.90	4,251	1,502	9,248	.601	.688	.409	-.04	.03	-.06
j. pgcitizen	208	2.84	2.88	2.83	2.88	.059	.015	.026	.010	.86	.92	.93	.92	4,247	291	9,244	.523	.951	.471	-.05	.00	-.05
19 evalexp	209	3.26	3.30	3.23	3.25	.047	.012	.021	.008	.68	.74	.75	.75	234	1,506	9,276	.442	.568	.835	-.05	.04	.01
20 sameinst	210	3.05	3.08	3.02	3.05	.053	.013	.025	.009	.77	.84	.89	.86	235	307	221	.598	.659	.997	-.03	.03	.00

IPEDS: 174844

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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" or "Yes."
- g. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups).
- h. Standard error of the mean for ordered and continuous variables; standard error of the proportion for items indicating "Done or in progress" (High-Impact Practices). The 95% confidence interval is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- i. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- j. Degrees of freedom used to compute the  $t$ -tests. Values differ from  $N$ s due to weighting and whether equal variances were assumed.
- k. Statistical comparisons are two-tailed independent  $t$ -tests or  $z$ -tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.
- l. Mean represents the proportion who responded "Done or in progress" or "Yes."