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# NSSE 2023

## Frequencies and Statistical Comparisons

Miami University-Hamilton

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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.

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


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

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

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

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

6. **Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (\* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$ ). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes 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 7,208	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								

7. **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

## Miami University-Hamilton

### 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	Miami-Hamilton				Great Lakes Public				Carnegie Class				NSSE 2022 & 2023				Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	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	3	4	594	4	262	3	7,260	4	<b>2.9</b>	2.8	.17	2.9	.06	2.8	.15									
		2	Sometimes	27	31	6,891	38	2,977	34	75,042	38																
		3	Often	31	36	6,574	36	3,254	37	71,112	35																
		4	Very often	27	29	4,110	22	2,257	26	49,128	24																
		Total		88	100	18,169	100	8,750	100	202,542	100																
b. Asked another student to help you understand course material	CLaskhelp	1	Never	18	19	2,176	12	927	12	25,249	15	<b>2.3</b>	2.5	-.21	2.5 *	-0.22	2.4	-.15									
		2	Sometimes	36	44	7,577	42	3,582	41	82,137	41																
		3	Often	23	24	5,512	30	2,750	30	61,197	29																
		4	Very often	12	13	2,859	16	1,466	16	33,168	15																
		Total		89	100	18,124	100	8,725	100	201,751	100																
c. Explained course material to one or more students	CLexplain	1	Never	15	15	1,459	8	657	9	19,010	11	<b>2.4</b>	2.6 *	-0.21	2.6	-0.21	2.5	-.13									
		2	Sometimes	40	46	7,457	41	3,541	41	82,082	41																
		3	Often	19	21	6,361	35	3,027	34	68,276	33																
		4	Very often	15	18	2,801	16	1,476	17	32,063	15																
		Total		89	100	18,078	100	8,701	100	201,431	100																
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	28	31	3,900	22	1,478	19	39,924	22	<b>2.2</b>	2.3	-.14	2.4 *	-0.24	2.3	-.15									
		2	Sometimes	30	35	6,770	38	3,188	37	73,650	37																
		3	Often	16	18	4,780	26	2,498	28	55,193	26																
		4	Very often	13	15	2,531	14	1,470	16	31,422	15																
		Total		87	100	17,981	100	8,634	100	200,189	100																
e. Worked with other students on course projects or assignments	CLproject	1	Never	9	9	1,664	9	693	10	20,956	13	<b>2.6</b>	2.6	-.03	2.6	-0.06	2.5	.03									
		2	Sometimes	36	41	7,074	40	3,116	37	74,175	37																
		3	Often	29	33	6,222	35	3,173	35	69,752	34																
		4	Very often	14	16	2,910	17	1,618	18	34,218	16																
		Total		88	100	17,870	100	8,600	100	199,101	100																
f. Given a course presentation	present	1	Never	27	29	4,088	22	1,273	16	41,088	23	<b>2.0</b>	2.2	-.16	2.4 ***	-0.39	2.2	-.20									
		2	Sometimes	41	46	8,269	47	3,775	44	90,300	45																
		3	Often	14	17	3,890	22	2,415	28	46,735	23																
		4	Very often	6	7	1,590	9	1,105	12	20,542	10																
		Total		88	100	17,837	100	8,568	100	198,665	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

## Miami University-Hamilton

### 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	Miami-Hamilton				Great Lakes Public				Carnegie Class				NSSE 2022 & 2023				Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
<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	9	12	1,307	8	753	10	16,583	9	<b>2.7</b>	2.6	.04	2.6	.12	2.6	.09										
			2	Sometimes	26	30	6,397	37	3,150	38	73,025								37									
			3	Often	33	37	7,041	40	3,148	37	74,006								37									
			4	Very often	18	21	2,822	16	1,378	16	32,040								16									
			Total	86	100	17,567	100	8,429	100	195,654	100																	
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	11	14	1,597	10	849	11	17,602	10	<b>2.5</b>	2.6	-.05	2.5	.00	2.6	-.06										
			2	Sometimes	31	36	6,477	38	3,258	39	71,055								37									
			3	Often	28	31	6,340	35	2,912	34	70,415								35									
			4	Very often	18	19	2,966	17	1,343	16	34,821								18									
			Total	88	100	17,380	100	8,362	100	193,893	100																	
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	7	10	1,660	10	925	12	17,828	11	<b>2.7</b>	2.6	.13	2.6	.19	2.6	.13										
			2	Sometimes	28	33	6,051	36	3,083	37	66,720								35									
			3	Often	25	30	6,221	35	2,750	32	69,160								35									
			4	Very often	25	27	3,278	19	1,507	18	38,284								19									
			Total	85	100	17,210	100	8,265	100	191,992	100																	
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	3	5	786	5	420	5	8,613	5	<b>2.8</b>	2.8	-.03	2.8	-.02	2.8	-.05										
			2	Sometimes	29	36	5,224	31	2,527	31	57,220								30									
			3	Often	33	38	7,737	45	3,617	44	85,993								45									
			4	Very often	18	21	3,257	19	1,574	20	37,643								20									
			Total	83	100	17,004	100	8,138	100	189,469	100																	
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	1	1	481	3	254	3	5,154	3	<b>3.0</b>	2.9	.10	2.9	.11	2.9	.08										
			2	Sometimes	20	25	4,213	26	2,057	26	47,206								26									
			3	Often	39	48	7,998	48	3,833	47	87,401								46									
			4	Very often	24	26	3,997	23	1,865	23	46,426								25									
			Total	84	100	16,689	100	8,009	100	186,187	100																	
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	1	1	485	3	276	4	5,261	3	<b>2.9</b>	2.9	.10	2.8	.13	2.9	.08										
			2	Sometimes	19	26	4,821	30	2,412	31	52,762								29									
			3	Often	43	52	7,505	45	3,462	43	82,500								44									
			4	Very often	18	22	3,565	22	1,722	22	42,546								23									
			Total	81	100	16,376	100	7,872	100	183,069	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

## Miami University-Hamilton

### 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	Miami-Hamilton				Great Lakes Public				Carnegie Class				NSSE 2022 & 2023				Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	2	3	191	1	119	2	2,534	2	3.1	3.1	.00	3.0	.09	3.1	.01									
		2	Sometimes	15	19	3,062	20	1,723	23	35,381	20																
		3	Often	39	47	8,134	50	3,786	48	89,000	48																
		4	Very often	25	32	4,778	29	2,144	27	53,867	30																
		Total		81	100	16,165	100	7,772	100	180,782	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	17	20	2,762	18	1,227	18	34,150	20	2.4	2.3	.09	2.4	.02	2.3	.12									
		2	Sometimes	26	33	6,997	44	3,098	40	76,717	42																
		3	Often	24	31	4,094	24	2,134	26	44,330	24																
		4	Very often	13	15	2,278	14	1,298	16	25,364	14																
		Total		80	100	16,131	100	7,757	100	180,561	100																
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	37	44	7,527	47	2,985	41	81,478	47	1.9	1.8	.11	2.0	-.04	1.8	.10									
		2	Sometimes	23	30	4,989	31	2,625	33	56,835	31																
		3	Often	12	16	2,356	14	1,355	17	27,292	15																
		4	Very often	9	10	1,177	7	759	10	14,027	8																
		Total		81	100	16,049	100	7,724	100	179,632	100																
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	24	30	5,187	33	1,985	28	55,574	33	2.1	2.0	.13	2.1	.01	2.0	.11									
		2	Sometimes	29	37	6,552	41	3,174	40	71,864	40																
		3	Often	19	24	2,868	18	1,674	22	34,583	19																
		4	Very often	8	10	1,285	8	782	10	15,614	9																
		Total		80	100	15,892	100	7,615	100	177,635	100																
d. Discussed your academic performance with a faculty member	SFperform	1	Never	17	23	4,124	27	1,495	21	41,831	25	2.3	2.1	.21	2.3	.03	2.2	.15									
		2	Sometimes	32	39	7,077	44	3,243	43	78,636	44																
		3	Often	19	23	3,273	20	1,968	25	39,698	22																
		4	Very often	12	15	1,404	9	912	11	17,412	10																
		Total		80	100	15,878	100	7,618	100	177,577	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	3	4	535	4	309	4	7,182	4	3.0	2.9	.13	2.9	.16	2.9	.13									
		2	Some	16	23	4,215	27	2,025	27	46,442	27																
		3	Quite a bit	36	44	7,078	45	3,422	45	78,092	44																
		4	Very much	25	30	3,912	24	1,805	23	44,466	25																
		Total		80	100	15,740	100	7,561	100	176,182	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

## Miami University-Hamilton

### 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	Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023			
				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	2	3	503	3	332	5	6,307	4	<b>2.8</b>	2.9	-.13	2.9	-.03	2.9	-.10
		2	Some	28	37	3,868	25	2,042	28	44,271	26							
		3	Quite a bit	29	35	7,501	48	3,450	46	80,835	46							
		4	Very much	20	25	3,762	24	1,674	22	43,571	25							
		Total		79	100	15,634	100	7,498	100	174,984	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	1	2	577	4	318	4	6,266	4	<b>2.9</b>	2.9	.06	2.9	.10	2.9	.04
		2	Some	22	28	4,145	27	2,106	29	45,200	26							
		3	Quite a bit	35	44	7,018	45	3,246	43	77,593	45							
		4	Very much	22	26	3,708	24	1,732	24	43,856	25							
		Total		80	100	15,448	100	7,402	100	172,915	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	3	4	615	4	309	4	6,299	4	<b>3.0</b>	2.9	.18	2.9	.15	2.9	.12
		2	Some	16	21	4,101	27	1,891	26	44,128	26							
		3	Quite a bit	36	45	7,083	46	3,456	47	78,224	45							
		4	Very much	23	30	3,554	23	1,693	23	43,238	25							
		Total		78	100	15,353	100	7,349	100	171,889	100							
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	1	2	533	4	280	4	5,686	4	<b>3.0</b>	2.9	.13	2.9	.14	2.9	.10
		2	Some	18	25	3,873	26	1,927	26	42,993	26							
		3	Quite a bit	35	44	7,286	47	3,423	47	79,539	46							
		4	Very much	23	29	3,582	23	1,668	23	42,698	25							
		Total		77	100	15,274	100	7,298	100	170,916	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	1	1	289	2	207	3	3,853	3	<b>3.1</b>	3.1	.07	3.0	.08	3.1	.07
		2	Some	15	19	3,016	20	1,545	22	35,145	21							
		3	Quite a bit	36	48	7,377	49	3,278	45	78,629	46							
		4	Very much	25	32	4,449	29	2,220	31	52,220	31							
		Total		77	100	15,131	100	7,250	100	169,847	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	3	3	592	4	337	5	7,454	5	<b>3.0</b>	3.0	.05	3.0	.03	3.0	.05
		2	Some	18	24	3,401	22	1,574	22	37,417	22							
		3	Quite a bit	32	42	6,970	46	3,189	44	75,885	44							
		4	Very much	23	31	4,133	27	2,112	30	48,472	29							
		Total		76	100	15,096	100	7,212	100	169,228	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

## Miami University-Hamilton

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#### 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	Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023			
				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	1	1	492	3	267	4	6,093	4	<b>3.1</b>	3.0	.11	3.0	.12	3.0	.13
		2	Some	14	21	3,265	22	1,631	23	38,230	23							
		3	Quite a bit	34	44	6,759	45	3,062	42	72,695	43							
		4	Very much	26	34	4,552	30	2,246	31	51,848	31							
		Total		75	100	15,068	100	7,206	100	168,866	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	4	6	1,120	8	458	7	12,128	8	<b>3.0</b>	2.8	.21	2.9	.11	2.8	.17
		2	Some	17	22	4,328	29	1,892	27	47,289	28							
		3	Quite a bit	29	40	5,715	38	2,787	38	63,752	37							
		4	Very much	26	32	3,861	24	2,043	28	45,280	27							
		Total		76	100	15,024	100	7,180	100	168,449	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	7	8	1,304	9	530	7	14,020	9	<b>2.8</b>	2.7	.17	2.8	.05	2.7	.11
		2	Some	19	25	4,915	34	2,159	30	52,515	31							
		3	Quite a bit	29	40	5,622	38	2,799	39	63,257	37							
		4	Very much	21	26	3,092	20	1,679	24	37,760	23							
		Total		76	100	14,933	100	7,167	100	167,552	100							
f. Explained in advance the criteria for successfully completing your assignments	eterriteria	1	Very little	2	3	504	4	273	4	6,038	4	<b>3.1</b>	3.0	.13	3.0	.10	3.0	.12
		2	Some	15	19	3,412	23	1,642	23	38,998	23							
		3	Quite a bit	32	43	6,677	45	3,050	42	72,446	43							
		4	Very much	24	34	4,255	28	2,155	31	49,096	30							
		Total		73	100	14,848	100	7,120	100	166,578	100							
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	1	2	429	3	233	4	5,090	3	<b>3.0</b>	3.0	.10	3.0	.09	3.0	.09
		2	Some	14	19	3,497	24	1,666	24	38,673	23							
		3	Quite a bit	39	50	6,823	46	3,218	44	76,050	45							
		4	Very much	21	28	4,046	27	1,973	28	46,239	28							
		Total		75	100	14,795	100	7,090	100	166,052	100							
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	9	11	1,206	8	586	8	13,270	8	<b>2.7</b>	2.6	.06	2.7	-.02	2.7	.02
		2	Some	23	30	5,504	37	2,379	33	58,769	35							
		3	Quite a bit	28	39	5,662	39	2,741	39	63,567	38							
		4	Very much	16	20	2,394	16	1,350	20	30,048	18							
		Total		76	100	14,766	100	7,056	100	165,654	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

## Miami University-Hamilton

### 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	Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023			
				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	1	2	366	3	197	3	4,654	3	<b>3.1</b>	3.1	.02	3.1	.05	3.1	.05
		2	Some	14	18	2,613	18	1,374	20	31,399	19							
		3	Quite a bit	33	47	6,734	46	3,127	44	73,721	44							
		4	Very much	26	34	5,016	33	2,359	34	55,526	34							
		Total		74	100	14,729	100	7,057	100	165,300	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	4	5	1,341	9	688	9	15,892	9	<b>2.7</b>	2.6	.10	2.6	.12	2.6	.11
		2	Sometimes	29	43	5,435	36	2,642	37	59,985	36							
		3	Often	21	29	5,449	39	2,517	37	59,969	37							
		4	Very often	17	24	2,268	16	1,108	17	26,740	17							
		Total		71	100	14,493	100	6,955	100	162,586	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	10	13	2,443	17	1,188	17	27,362	17	<b>2.6</b>	2.4	.20	2.4	.20	2.4	.19
		2	Sometimes	24	34	5,723	39	2,808	40	63,914	39							
		3	Often	26	34	4,458	31	2,027	29	49,100	30							
		4	Very often	13	19	1,793	13	872	14	21,369	14							
		Total		73	100	14,417	100	6,895	100	161,745	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	13	16	2,318	15	1,164	17	26,302	16	<b>2.5</b>	2.4	.09	2.4	.12	2.4	.10
		2	Sometimes	24	35	5,963	41	2,880	41	65,717	40							
		3	Often	25	34	4,527	33	2,082	31	50,101	31							
		4	Very often	11	15	1,548	11	765	11	18,824	12							
		Total		73	100	14,356	100	6,891	100	160,944	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 <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	wrshortnum	0	None	4	6	940	7	432	7	10,527	7	<b>6.1</b>	6.5	-.05	6.6	-.08	6.5	-.06
		1.5	1-2	18	24	3,054	21	1,333	20	31,344	20							
		4	3-5	31	42	4,539	32	2,177	31	51,303	32							
		8	6-10	6	8	3,128	22	1,577	22	36,500	22							
		13	11-15	7	10	1,370	10	694	10	16,249	10							
		18	16-20	4	6	626	4	293	4	6,861	4							
		23	More than 20	3	5	659	5	376	5	7,883	5							
Total		73	100	14,316	100	6,882	100	160,667	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.



# NSSE 2023 Frequencies and Statistical Comparisons

## Miami University-Hamilton

### 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	Miami-Hamilton				Great Lakes Public				Carnegie Class				NSSE 2022 & 2023				Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Between 6 and 10 pages	wrmednum	0	None	33	46	5,685	40	2,579	40	59,414	38	<b>2.3</b>	2.2	.02	2.4	-.04	2.5	-.05									
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	18	26	5,036	35	2,360	32	54,833	33																
	4	3-5	12	15	2,184	15	1,140	16	27,584	17																	
	8	6-10	5	7	893	6	526	8	11,845	8																	
	13	11-15	3	5	296	2	149	2	3,873	2																	
	18	16-20	0	0	73	1	45	1	1,022	1																	
	23	More than 20	0	0	106	1	61	1	1,423	1																	
Total		71	100	14,273	100	6,860	100	159,994	100																		
c. 11 pages or more	wrlongnum	0	None	54	75	11,162	78	5,140	75	120,909	75	<b>1.1</b>	1.0	.03	1.2	-.03	1.2	-.03									
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	10	14	1,968	13	997	14	23,177	14																
	4	3-5	3	5	509	4	313	5	6,783	4																	
	8	6-10	1	1	291	2	199	3	4,162	3																	
	13	11-15	3	4	214	2	128	2	3,067	2																	
	18	16-20	0	0	64	0	34	0	737	1																	
	23	More than 20	0	0	91	1	57	1	1,289	1																	
Total		71	100	14,299	100	6,868	100	160,124	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>52.5</b>	51.4	.01	56.0	-.04	56.2	-.05										
<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	4	617	4	412	7	7,991	6	<b>3.0</b>	3.0	-.01	2.9	.03	3.0	-.02									
		2	Sometimes	16	23	4,021	28	1,801	26	40,230	25																
		3	Often	32	46	4,919	35	2,310	34	53,344	33																
		4	Very often	21	27	4,715	34	2,315	34	58,524	36																
		Total		72	100	14,272	100	6,838	100	160,089	100																
b. People from economic backgrounds other than your own	DDeconomic	1	Never	3	4	565	4	375	6	7,680	6	<b>2.9</b>	3.0	-.12	2.9	-.07	3.0	-.09									
		2	Sometimes	22	32	3,579	25	1,651	25	38,725	25																
		3	Often	25	35	5,574	39	2,535	37	59,541	37																
		4	Very often	21	29	4,525	32	2,267	32	53,759	33																
		Total		71	100	14,243	100	6,828	100	159,705	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

## Miami University-Hamilton

### 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	Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public		Carnegie Class	NSSE 2022 & 2023					
				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	6	9	852	6	526	8	11,529	8	<b>2.7</b>	2.9	-0.19	2.8	-0.11	2.9	-0.14			
		2	Sometimes	22	33	3,920	28	1,952	28	44,120	28										
		3	Often	26	34	5,096	35	2,317	34	53,363	33										
		4	Very often	18	25	4,372	32	2,031	29	50,653	31										
		Total		72	100	14,240	100	6,826	100	159,665	100										
d. People with political views other than your own	DDpolitical	1	Never	9	14	886	6	531	8	13,623	9	<b>2.7</b>	2.9	-0.16	2.8	-0.13	2.8	-0.07			
		2	Sometimes	19	26	4,434	31	1,944	28	51,209	32										
		3	Often	24	34	4,796	34	2,386	35	50,748	31										
		4	Very often	19	25	4,098	29	1,962	28	43,971	28										
		Total		71	100	14,214	100	6,823	100	159,551	100										
e. People with sexual orientations other than your own	ddsexorient	1	Never	10	15	991	7	779	12	14,235	10	<b>2.7</b>	2.9	-0.21	2.7	-0.01	2.8	-0.13			
		2	Sometimes	19	29	3,970	29	2,067	31	45,325	29										
		3	Often	23	30	4,703	32	2,061	30	49,747	30										
		4	Very often	20	27	4,553	32	1,917	26	50,187	31										
		Total		72	100	14,217	100	6,824	100	159,494	100										
f. People from countries other than your own	ddcountry	1	Never	6	8	1,836	11	873	13	17,538	12	<b>2.9</b>	2.6 **	▲	.31	2.6 *	▲	.28	2.6 *	▲	.25
		2	Sometimes	21	30	6,035	41	2,625	38	61,253	38										
		3	Often	20	28	3,564	26	1,773	26	42,518	26										
		4	Very often	25	33	2,796	21	1,560	23	38,358	24										
		Total		72	100	14,231	100	6,831	100	159,667	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	0	0	333	2	192	3	3,606	3	<b>3.1</b>	2.9	.19	2.9 *	▲	.21	3.0	.14		
		2	Sometimes	10	17	3,521	25	1,736	26	38,094	25										
		3	Often	42	58	6,850	48	3,218	48	74,555	47										
		4	Very often	18	25	3,438	24	1,638	24	42,269	26										
		Total		70	100	14,142	100	6,784	100	158,524	100										
b. Reviewed your notes after class	LSnotes	1	Never	2	3	611	5	326	5	7,061	5	<b>3.0</b>	2.9	.12	2.9	.14	2.9	.10			
		2	Sometimes	21	30	4,022	30	1,997	31	45,754	29										
		3	Often	21	31	5,314	37	2,535	37	58,348	37										
		4	Very often	27	36	4,195	28	1,929	28	47,280	29										
		Total		71	100	14,142	100	6,787	100	158,443	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

## Miami University-Hamilton

### 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	Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023			
				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	1	1	647	5	354	5	7,339	5	<b>3.0</b>	2.8	.19	2.8	.20	2.9	.16
		2	Sometimes	21	32	4,197	31	2,091	32	46,844	30							
		3	Often	24	33	5,769	40	2,684	39	63,631	40							
		4	Very often	24	34	3,511	24	1,645	24	40,541	25							
		Total		70	100	14,124	100	6,774	100	158,355	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	97	1	70	1	1,256	1	<b>5.3</b>	5.3	-.06	5.3	-.04	5.4	-.08
		2		0	0	158	1	103	2	1,909	1							
		3		5	8	625	5	350	6	7,616	5							
		4		16	22	1,844	14	888	14	20,144	13							
		5		20	28	5,121	36	2,260	33	54,226	34							
		6		14	21	3,509	25	1,667	24	39,172	24							
		7	Very much	16	22	2,702	18	1,412	21	33,070	21							
		Total		71	100	14,056	100	6,750	100	157,393	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	14	21	2,124	15	1,062	18	23,438	16	<b>10%</b>	8%	.08	8%	.07	8%	.08
			Do not plan to do	10	15	910	7	530	9	10,313	7							
			Plan to do	38	54	9,889	71	4,556	65	111,062	69							
			Done or in progress	6	10	1,077	8	560	8	12,151	8							
			Total	68	100	14,000	100	6,708	100	156,964	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	17	25	4,168	29	1,957	31	44,995	29	<b>12%</b>	10%	.07	11%	.05	10%	.06
			Do not plan to do	28	40	3,632	26	1,811	28	38,647	26							
			Plan to do	16	23	4,778	36	2,171	31	56,205	35							
			Done or in progress	8	12	1,369	10	755	11	16,703	10							
			Total	69	100	13,947	100	6,694	100	156,550	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	24	35	4,488	32	2,355	36	53,811	34	<b>8%</b>	17%	-.28	11%	-.09	11%	-.11
			Do not plan to do	23	35	3,935	29	1,763	27	41,386	27							
			Plan to do	16	23	3,068	22	1,821	27	43,043	27							
			Done or in progress	5	8	2,431	17	721	11	17,752	11							
			Total	68	100	13,922	100	6,660	100	155,992	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

## Miami University-Hamilton

### 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	Miami-Hamilton				Great Lakes Public				Carnegie Class				NSSE 2022 & 2023				Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	17	25	4,274	30	2,111	32	46,268	30	<b>3%</b>	3%	.03	2%	.05	3%	.03									
			Do not plan to do	30	45	5,328	38	2,571	39	50,258	34																
			Plan to do	20	27	3,997	30	1,807	26	55,280	33																
			Done or in progress	2	3	333	3	175	2	4,268	3																
			Total	69	100	13,932	100	6,664	100	156,074	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	26	39	5,524	39	2,567	39	59,089	38	<b>4%</b>	5%	-.08	6%	-.11	5%	-.08									
			Do not plan to do	22	31	3,793	26	1,738	26	36,832	24																
			Plan to do	18	26	3,884	29	1,939	29	51,714	32																
			Done or in progress	3	4	705	5	417	6	8,334	5																
			Total	69	100	13,906	100	6,661	100	155,969	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	21	30	4,972	36	2,016	32	52,383	35	<b>0%</b>	2%	-.29	3%	-.33	2%	-.31									
			Do not plan to do	8	13	1,772	13	828	13	17,703	12																
			Plan to do	40	57	6,892	49	3,639	52	82,420	51																
			Done or in progress	0	0	274	2	166	3	3,384	2																
			Total	69	100	13,910	100	6,649	100	155,890	100																
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>													<b>1.6</b>	1.6	.05	1.7	-.12	1.6	.00								
servcourse	1	None	32	48	6,893	51	2,678	42	73,512	48																	
		2	Some	28	41	5,665	40	3,145	46	65,427	41																
		3	Most	8	12	1,008	7	632	9	12,579	8																
		4	All	0	0	259	2	166	3	3,196	2																
	Total	68	100	13,825	100	6,621	100	154,714	100																		
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>													<b>5.1</b>	5.4	-.20	5.4	-.19	5.4	-.18								
a. Students	Q1student	1	Poor	0	0	181	1	125	2	2,582	2																
			2		3	4	261	2	140	2	3,164	2															
			3		7	10	631	5	332	5	7,306	5															
			4		9	13	1,660	12	789	12	18,713	12															
			5		22	35	4,104	29	1,716	26	42,635	27															
			6		14	19	3,976	29	1,766	25	42,632	27															
			7	Excellent	14	19	2,886	21	1,643	25	34,925	23															
			—	Not applicable	0	0	140	1	98	2	3,119	3															
	Total	69	100	13,839	100	6,609	100	155,076	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

## Miami University-Hamilton

### 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>						
				Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023			
				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	3	4	282	2	154	3	3,932	3	<b>5.4</b>	5.5	-.01	5.5	-.04	5.4	.03
		2		3	5	452	3	193	3	5,253	3							
		3		5	8	883	6	362	5	9,872	6							
		4		6	8	1,595	12	743	12	18,872	12							
		5		10	16	2,768	20	1,236	19	31,110	20							
		6		14	21	3,260	24	1,470	22	34,550	22							
		7	Excellent	27	38	4,427	31	2,318	34	48,490	31							
		—	Not applicable	1	1	167	1	124	2	2,838	2							
	Total	69	100	13,834	100	6,600	100	154,917	100									
c. Faculty	QIfaculty	1	Poor	1	2	143	1	102	2	2,043	1	<b>5.6</b>	5.4	.17	5.5	.08	5.4	.13
		2		2	2	244	2	140	2	3,085	2							
		3		3	5	621	5	338	5	7,330	5							
		4		7	11	1,852	13	766	12	19,532	13							
		5		10	13	4,001	29	1,564	23	40,839	26							
		6		22	34	3,949	29	1,853	28	44,274	28							
		7	Excellent	22	30	2,855	20	1,741	27	35,587	24							
		—	Not applicable	2	3	154	1	102	2	2,168	2							
	Total	69	100	13,819	100	6,606	100	154,858	100									
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	1	1	358	3	212	4	4,564	3	<b>5.5</b>	5.2	.19	5.2	.16	5.2	.18
		2		1	2	454	3	238	3	5,127	3							
		3		3	4	859	6	403	6	9,803	6							
		4		6	9	1,795	13	787	12	20,721	13							
		5		8	11	3,026	22	1,405	21	33,527	21							
		6		7	10	3,107	22	1,445	21	33,412	21							
		7	Excellent	17	22	2,663	19	1,509	22	32,010	21							
		—	Not applicable	26	40	1,550	11	593	11	15,580	12							
	Total	69	100	13,812	100	6,592	100	154,744	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

## Miami University-Hamilton

### 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	Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public		Carnegie Class		NSSE 2022 & 2023	
				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	1	1	313	2	187	3	4,464	3	<b>5.7</b>	5.1 **	.36	5.3	.24	5.1 *	.34
		2		1	1	460	3	232	3	5,503	3							
		3		1	1	876	7	385	6	10,371	7							
		4		8	11	1,955	14	819	12	21,925	14							
		5		10	14	3,091	22	1,436	21	34,214	22							
		6		14	21	3,053	22	1,505	22	33,099	21							
		7	Excellent	20	27	2,672	19	1,733	26	32,725	22							
		—	Not applicable	14	23	1,411	11	306	6	12,587	9							
	Total	69	100	13,831	100	6,603	100	154,888	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	221	2	135	2	2,720	2	<b>3.2</b>	3.0	.17	3.0	.18	3.0	.14
		2	Some	15	20	2,856	21	1,401	23	31,363	21							
		3	Quite a bit	28	45	6,837	49	3,110	47	73,365	48							
		4	Very much	25	35	3,864	28	1,926	29	46,783	29							
			Total	68	100	13,778	100	6,572	100	154,231	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	2	4	526	4	321	5	6,639	5	<b>3.0</b>	2.9	.10	3.0	.07	2.9	.09
		2	Some	14	19	3,255	24	1,511	23	36,515	24							
		3	Quite a bit	30	46	6,165	45	2,741	41	66,961	43							
		4	Very much	21	30	3,791	26	1,983	30	43,738	28							
			Total	67	100	13,737	100	6,556	100	153,853	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	2	2	844	6	496	8	9,933	7	<b>3.1</b>	3.0	.09	3.0	.10	3.0	.09
		2	Some	14	23	2,672	20	1,311	21	30,665	20							
		3	Quite a bit	28	40	5,514	41	2,408	37	60,053	39							
		4	Very much	25	35	4,695	33	2,332	34	53,039	34							
			Total	69	100	13,725	100	6,547	100	153,690	100							
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	5	7	1,432	10	712	11	15,982	11	<b>2.9</b>	2.7	.15	2.7	.16	2.7	.16
		2	Some	15	23	3,981	29	1,916	30	45,245	30							
		3	Quite a bit	30	45	5,127	38	2,314	35	55,816	36							
		4	Very much	18	25	3,169	23	1,596	24	36,513	24							
			Total	68	100	13,709	100	6,538	100	153,556	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

## Miami University-Hamilton

### 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>						
				Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023			
				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	4	6	726	5	373	7	9,283	7	<b>2.9</b>	2.9	-.06	2.9	-.03	2.9	-.01
		2	Some	16	25	3,228	24	1,601	25	37,262	25							
		3	Quite a bit	30	43	5,811	43	2,549	39	63,014	41							
		4	Very much	17	26	3,920	28	2,016	30	43,795	28							
		Total		67	100	13,685	100	6,539	100	153,354	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	7	11	978	7	506	9	11,723	8	<b>2.7</b>	2.9	-.16	2.8	-.12	2.8	-.12
		2	Some	20	27	3,523	26	1,733	27	41,333	27							
		3	Quite a bit	27	39	5,609	41	2,481	38	60,334	39							
		4	Very much	15	22	3,578	26	1,806	27	39,844	26							
		Total		69	100	13,688	100	6,526	100	153,234	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	20	29	3,231	24	1,419	22	35,629	24	<b>2.2</b>	2.2	.00	2.3	-.10	2.3	-.04
		2	Some	21	33	5,362	40	2,372	36	57,566	37							
		3	Quite a bit	16	24	3,470	25	1,789	27	40,056	26							
		4	Very much	10	14	1,601	12	937	14	19,728	13							
		Total		67	100	13,664	100	6,517	100	152,979	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	12	18	1,253	9	523	10	14,861	11	<b>2.6</b>	2.8	-.20	2.8	-.24	2.8	-.15
		2	Some	20	30	3,697	27	1,608	25	39,891	26							
		3	Quite a bit	17	24	5,368	40	2,452	37	59,493	38							
		4	Very much	20	28	3,340	24	1,943	28	38,628	25							
		Total		69	100	13,658	100	6,526	100	152,873	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	14	20	2,428	17	1,133	19	26,540	19	<b>2.5</b>	2.4	.08	2.4	.06	2.4	.09
		2	Some	19	30	5,068	37	2,302	35	55,232	36							
		3	Quite a bit	21	30	4,242	32	1,994	30	47,637	30							
		4	Very much	15	20	1,918	14	1,080	16	23,443	15							
		Total		69	100	13,656	100	6,509	100	152,852	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

## Miami University-Hamilton

### 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	Miami-Hamilton				Great Lakes Public				Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023
				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	2	3	263	2	176	3	3,284	2	<b>3.1</b>	3.2	-.14	3.2	-.12	3.2	-.15	
		2	Disagree	7	11	1,113	9	595	9	13,254	9								
		3	Agree	41	60	7,820	57	3,526	54	85,578	55								
		4	Strongly agree	19	26	4,434	32	2,212	34	50,715	34								
		Total		69	100	13,630	100	6,509	100	152,831	100								
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	1	1	538	5	266	4	5,797	4	<b>3.1</b>	2.9	.20	3.0	.09	3.0	.14	
		2	Disagree	10	16	2,452	19	1,036	17	26,665	18								
		3	Agree	40	56	7,889	57	3,622	55	87,071	56								
		4	Strongly agree	18	26	2,737	20	1,564	24	33,096	22								
		Total		69	100	13,616	100	6,488	100	152,629	100								
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	1	1	541	4	274	5	6,127	4	<b>2.9</b>	2.9	-.01	3.0	-.08	3.0	-.04	
		2	Disagree	18	26	2,533	19	1,047	17	27,214	18								
		3	Agree	34	50	7,559	55	3,497	53	83,732	54								
		4	Strongly agree	16	23	2,995	22	1,690	25	35,704	23								
		Total		69	100	13,628	100	6,508	100	152,777	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	1	47	0	35	1	656	1	<b>15.5</b>	15.1	.04	13.8	.21	14.8	.08	
		3	1-5 hrs	4	6	1,504	11	953	16	17,148	12								
		8	6-10 hrs	17	24	2,951	21	1,484	23	32,749	22								
		13	11-15 hrs	12	20	3,179	23	1,470	23	34,757	23								
		18	16-20 hrs	16	24	2,830	21	1,187	18	31,162	20								
		23	21-25 hrs	9	13	1,601	12	693	10	18,350	12								
		28	26-30 hrs	8	11	771	6	341	5	8,962	6								
		33	More than 30 hrs	1	1	706	6	315	5	8,539	6								
		Total		68	100	13,589	100	6,478	100	152,323	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

## Miami University-Hamilton

### 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>						
				Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public		Carnegie Class		NSSE 2022 & 2023	
				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	43	63	4,828	34	2,045	35	51,480	37	<b>2.9</b>	5.1 ***	-0.34	6.5 ***	-0.46	5.4 ***	-0.36
	(Recorded version of tmocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	12	17	4,736	34	1,784	26	48,165	30							
	8	6-10 hrs	6	9	1,972	16	948	14	22,744	15								
	13	11-15 hrs	3	5	1,005	8	708	11	13,711	9								
	18	16-20 hrs	4	6	530	4	468	7	8,169	5								
	23	21-25 hrs	0	0	274	2	263	4	4,176	3								
	28	26-30 hrs	0	0	97	1	104	2	1,564	1								
	33	More than 30 hrs	0	0	137	1	132	2	1,982	1								
	Total			68	100	13,579	100	6,452	100	151,991	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	61	89	10,694	78	4,823	77	118,417	79	<b>1.5</b>	2.6	-0.18	2.7 *	-0.19	2.5	-0.16
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	0	0	421	3	429	6	6,634	4							
	8	6-10 hrs	2	2	913	7	510	7	10,602	6								
	13	11-15 hrs	2	2	801	6	307	4	7,957	5								
	18	16-20 hrs	4	6	494	4	231	3	5,267	4								
	23	21-25 hrs	0	0	172	1	76	1	1,906	1								
	28	26-30 hrs	0	0	46	0	27	0	530	0								
	33	More than 30 hrs	0	0	43	0	64	1	803	1								
	Total			69	100	13,584	100	6,467	100	152,116	100							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	24	35	8,281	63	4,048	61	97,850	63	<b>13.2</b>	6.2 ***	.69	6.8 ***	.60	6.6 ***	.63
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	2	2	713	5	355	5	7,620	5							
	8	6-10 hrs	8	11	809	6	369	6	8,713	6								
	13	11-15 hrs	3	5	942	7	395	6	9,259	6								
	18	16-20 hrs	10	16	1,019	7	437	7	9,661	6								
	23	21-25 hrs	5	7	699	5	316	5	7,003	5								
	28	26-30 hrs	7	11	405	3	197	3	4,031	3								
	33	More than 30 hrs	10	12	727	5	348	6	8,031	7								
	Total			69	100	13,595	100	6,465	100	152,168	100							
Estimated number of hours working for pay	tmworkhrs											<b>14.7</b>	8.8 ***	.51	9.5 ***	.42	9.0 ***	.47
	(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

## Miami University-Hamilton

### 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>						
				Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023			
				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	45	68	8,648	64	4,065	63	97,155	64	<b>1.9</b>	2.1	-.05	2.2	-.07	2.2	-.08
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	15	20	3,631	26	1,715	26	38,413	24							
	8	6-10 hrs	6	8	620	4	346	6	7,949	5								
	13	11-15 hrs	0	0	323	2	180	3	4,179	3								
	18	16-20 hrs	2	3	166	1	86	1	2,174	2								
	23	21-25 hrs	0	0	118	1	38	1	1,238	1								
	28	26-30 hrs	0	0	28	0	9	0	347	0								
	33	More than 30 hrs	0	0	48	0	26	0	619	0								
	Total				68	100	13,582	100	6,465	100	152,074							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	0	0	209	2	164	3	3,279	2	<b>12.0</b>	13.2	-.13	11.8	.03	12.3	-.03
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	20	27	2,417	17	1,482	23	30,893	20							
	8	6-10 hrs	19	28	3,633	26	1,764	27	41,425	27								
	13	11-15 hrs	11	14	3,005	22	1,303	19	32,249	21								
	18	16-20 hrs	11	17	2,083	16	840	13	21,487	14								
	23	21-25 hrs	3	6	999	8	362	6	9,868	7								
	28	26-30 hrs	2	2	417	3	173	3	4,446	3								
	33	More than 30 hrs	3	6	823	6	372	6	8,405	6								
	Total				69	100	13,586	100	6,460	100	152,052							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	45	67	10,723	80	4,745	72	114,523	74	<b>2.5</b>	2.3	.04	3.2	-.09	3.3	-.10
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	14	21	1,262	9	741	12	15,055	10							
	8	6-10 hrs	4	6	485	3	330	6	6,945	5								
	13	11-15 hrs	1	1	339	3	223	4	4,937	3								
	18	16-20 hrs	1	2	204	2	120	2	2,821	2								
	23	21-25 hrs	0	0	138	1	65	1	1,743	1								
	28	26-30 hrs	0	0	62	0	32	1	782	1								
	33	More than 30 hrs	2	3	353	2	187	3	4,921	4								
	Total				67	100	13,566	100	6,443	100	151,727							

\*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

## Miami University-Hamilton

### 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>						
				Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public		Carnegie Class		NSSE 2022 & 2023	
				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	10	14	5,385	38	3,013	44	66,452	43	<b>5.9</b>	3.8 *	.38	4.0 *	.31	3.9 **	.34
		3	1-5 hrs	37	55	5,438	40	2,129	34	53,419	35							
		8	6-10 hrs	10	15	1,639	12	677	11	17,063	12							
		13	11-15 hrs	4	6	544	4	272	5	7,239	5							
		18	16-20 hrs	4	7	252	2	161	3	3,513	2							
		23	21-25 hrs	1	1	159	1	66	1	1,908	1							
		28	26-30 hrs	0	0	67	1	35	1	772	1							
		33	More than 30 hrs	2	2	111	1	99	2	1,722	1							
			Total	68	100	13,595	100	6,452	100	152,088	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	9	15	2,210	17	943	15	21,217	15	<b>2.6</b>	2.5	.10	2.6	.01	2.6	-.03
		2	Some	28	42	5,203	39	2,290	36	54,060	36							
		3	About half	14	19	3,620	26	1,801	28	41,842	27							
		4	Most	12	17	1,881	13	1,065	16	25,023	16							
		5	Almost all	5	7	624	4	343	5	9,408	6							
			Total	68	100	13,538	100	6,442	100	151,550	100							
tmreadinghrs											<b>6.4</b>	6.0	.08	6.0	.08	6.4	.01	
<i>(Continuous variable created by NSSE. Calculated as a proportion of tmrephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																		
tmreadinghrscol (Collapsed version of tmreadinghrs created by NSSE.)		1	0 hrs	1	1	46	0	32	1	640	1	<b>6.4</b>	6.0	.08	6.0	.08	6.4	.01
		2	More than zero, up to 5 hrs	30	48	7,596	56	3,554	57	78,532	53							
		3	More than 5, up to 10 hrs	21	28	3,626	27	1,711	26	43,169	28							
		4	More than 10, up to 15 hrs	10	16	1,207	9	580	8	14,653	9							
		5	More than 15, up to 20 hrs	3	4	553	4	277	4	7,442	5							
		6	More than 20, up to 25 hrs	2	3	326	2	177	3	4,495	3							
		7	More than 25 hrs	0	0	127	1	83	1	2,005	1							
			Total	67	100	13,481	100	6,414	100	150,936	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

## Miami University-Hamilton

### 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	Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023			
				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	5	998	8	391	6	9,826	7	<b>2.9</b>	2.7	.19	2.9	.05	2.8	.09
		2	Some	18	27	3,925	30	1,660	26	40,847	27							
		3	Quite a bit	28	42	5,782	42	2,826	43	66,073	43							
		4	Very much	19	26	2,839	20	1,553	24	34,838	23							
		Total		68	100	13,544	100	6,430	100	151,584	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	4	6	1,552	12	548	9	15,451	11	<b>2.7</b>	2.6	.11	2.8	-.06	2.7	.03
		2	Some	27	40	4,297	32	1,837	28	46,307	30							
		3	Quite a bit	21	31	5,106	37	2,563	40	58,139	38							
		4	Very much	17	24	2,575	18	1,473	23	31,452	21							
		Total		69	100	13,530	100	6,421	100	151,349	100							
c. Thinking critically and analytically	pgthink	1	Very little	0	0	373	3	224	4	4,269	3	<b>3.2</b>	3.1	.19	3.1	.17	3.1	.16
		2	Some	9	14	2,596	20	1,215	19	28,832	19							
		3	Quite a bit	33	52	6,225	46	2,849	44	68,298	44							
		4	Very much	24	35	4,341	32	2,133	33	49,957	33							
		Total		66	100	13,535	100	6,421	100	151,356	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	5	7	1,524	11	741	11	17,748	11	<b>2.9</b>	2.7	.22	2.7	.21	2.7	.21
		2	Some	15	22	4,243	31	2,042	31	45,889	30							
		3	Quite a bit	29	46	5,007	37	2,263	36	54,798	36							
		4	Very much	19	25	2,759	21	1,371	22	32,882	22							
		Total		68	100	13,533	100	6,417	100	151,317	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	11	18	1,789	14	742	12	19,438	13	<b>2.6</b>	2.6	.01	2.7	-.06	2.6	-.01
		2	Some	17	25	4,393	33	1,934	31	48,418	32							
		3	Quite a bit	25	37	4,620	34	2,329	35	52,424	34							
		4	Very much	15	21	2,726	20	1,416	22	31,082	21							
		Total		68	100	13,528	100	6,421	100	151,362	100							
f. Working effectively with others	pgothers	1	Very little	6	9	838	7	370	6	10,131	8	<b>2.8</b>	2.8	-.06	2.9	-.10	2.8	-.05
		2	Some	17	28	3,735	28	1,681	27	41,682	28							
		3	Quite a bit	27	41	5,680	41	2,685	41	62,356	40							
		4	Very much	17	22	3,269	24	1,684	25	37,166	24							
		Total		67	100	13,522	100	6,420	100	151,335	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

## Miami University-Hamilton

### 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>							
				Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023				
				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	7	13	1,461	12	593	10	15,338	11	<b>2.7</b>	2.7	.06	2.7	-.03	2.7	.01	
		2	Some	15	22	4,038	30	1,805	29	43,692	29								
		3	Quite a bit	31	47	5,241	38	2,511	38	58,340	38								
		4	Very much	14	19	2,779	20	1,508	23	33,851	22								
		Total		67	100	13,519	100	6,417	100	151,221	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	4	8	1,079	8	552	9	11,955	9	<b>3.0</b>	2.8	.17	2.8	.13	2.8	.14	
		2	Some	13	19	3,700	28	1,659	27	40,481	27								
		3	Quite a bit	29	44	5,351	39	2,455	37	58,918	38								
		4	Very much	23	29	3,395	25	1,757	27	39,955	26								
		Total		69	100	13,525	100	6,423	100	151,309	100								
i. Solving complex real-world problems	pgprobolve	1	Very little	9	15	1,427	11	672	11	15,563	11	<b>2.7</b>	2.6	.06	2.7	.02	2.7	.02	
		2	Some	16	24	4,551	34	2,071	33	48,909	32								
		3	Quite a bit	25	37	4,981	36	2,321	36	55,478	36								
		4	Very much	17	23	2,590	19	1,360	21	31,479	21								
		Total		67	100	13,549	100	6,424	100	151,429	100								
j. Being an informed and active citizen	pgcizen	1	Very little	11	17	1,558	12	768	12	17,091	12	<b>2.7</b>	2.6	.04	2.7	.00	2.6	.01	
		2	Some	13	20	4,491	33	2,034	31	48,844	32								
		3	Quite a bit	29	42	4,866	35	2,253	35	54,000	35								
		4	Very much	15	21	2,644	19	1,387	21	31,766	21								
		Total		68	100	13,559	100	6,442	100	151,701	100								
<b>19. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	2	3	277	2	199	3	3,351	2	<b>3.1</b>	3.1	.08	3.1	.07	3.1	.05	
		2	Fair	10	15	2,121	16	1,134	18	24,369	17								
		3	Good	32	48	7,561	55	3,173	48	79,370	51								
		4	Excellent	24	34	3,654	27	1,957	31	45,060	30								
		Total		68	100	13,613	100	6,463	100	152,150	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	1	1	449	3	335	5	5,778	4	<b>3.2</b>	3.2	.04	3.1	.12	3.2	.05	
		2	Probably no	9	13	1,748	13	969	15	21,250	14								
		3	Probably yes	33	51	6,471	47	2,901	44	70,177	46								
		4	Definitely yes	25	35	5,009	36	2,281	35	55,607	37								
		Total		68	100	13,677	100	6,486	100	152,812	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

## Miami University-Hamilton

### 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	Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023			
				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		3	5	585	4	407	7	6,579	4	<b>93%</b>	89%	.12	84%	.28	88%	.17
(Means indicate the percentage who responded "Yes.")		Yes		63	93	12,283	89	5,516	84	135,025	88							
		Not sure		2	3	838	6	583	9	11,468	8							
		Total		68	100	13,706	100	6,506	100	153,072	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

## Miami University-Hamilton

### 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	Miami-Hamilton				Great Lakes Public				Carnegie Class				NSSE 2022 & 2023				Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
<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	0	0	472	3	173	2	6,647	3	3.2	3.0	.22	3.2	.09	3.0	.22									
		2	Sometimes	11	20	5,020	27	1,722	22	58,030	27																
		3	Often	19	35	6,430	33	2,620	32	71,558	32																
		4	Very often	27	45	7,617	37	3,477	43	87,232	38																
		Total		57	100	19,539	100	7,992	100	223,467	100																
b. Asked another student to help you understand course material	CLaskhelp	1	Never	12	18	3,147	16	1,098	15	37,493	18	2.4	2.4	-.06	2.4	-.05	2.4	.00									
		2	Sometimes	27	43	8,014	41	3,328	42	90,544	41																
		3	Often	10	21	5,036	26	2,167	26	56,847	25																
		4	Very often	8	18	3,310	17	1,362	17	37,810	16																
		Total		57	100	19,507	100	7,955	100	222,694	100																
c. Explained course material to one or more students	CLexplain	1	Never	7	12	1,809	8	664	9	23,870	12	2.6	2.7	-.09	2.7	-.15	2.6	-.03									
		2	Sometimes	25	40	7,254	38	2,657	34	80,883	37																
		3	Often	16	27	6,420	33	2,726	33	71,524	31																
		4	Very often	9	21	3,996	21	1,894	23	46,130	20																
		Total		57	100	19,479	100	7,941	100	222,407	100																
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	14	22	4,918	25	1,586	22	53,002	26	2.4	2.3	.05	2.4	-.07	2.3	.04									
		2	Sometimes	21	37	6,752	35	2,625	33	76,011	34																
		3	Often	14	24	4,639	24	2,153	26	53,927	23																
		4	Very often	8	17	3,084	16	1,546	19	38,325	17																
		Total		57	100	19,393	100	7,910	100	221,265	100																
e. Worked with other students on course projects or assignments	CLproject	1	Never	4	7	1,455	7	670	9	23,231	11	3.0	2.9	.15	2.8	.20	2.8 *	.24									
		2	Sometimes	12	17	5,735	29	2,265	29	63,086	29																
		3	Often	26	45	6,641	35	2,791	35	73,878	33																
		4	Very often	15	31	5,489	29	2,156	27	60,255	27																
		Total		57	100	19,320	100	7,882	100	220,450	100																
f. Given a course presentation	present	1	Never	7	13	2,465	13	696	10	28,743	14	2.4	2.6	-.13	2.7 *	-.31	2.6	-.13									
		2	Sometimes	28	47	7,332	38	2,491	32	77,219	36																
		3	Often	12	22	5,656	29	2,627	32	66,143	29																
		4	Very often	10	18	3,855	20	2,051	26	47,993	21																
		Total		57	100	19,308	100	7,865	100	220,098	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

## Miami University-Hamilton

### 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	Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023			
				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	3	6	708	4	319	4	9,515	5	<b>3.0</b>	3.0	.09	2.9	.12	2.9	.14
		2	Sometimes	11	22	4,785	26	2,012	26	57,466	27							
		3	Often	23	34	7,678	40	3,160	40	86,166	39							
		4	Very often	20	38	5,938	30	2,299	30	64,919	29							
		Total		57	100	19,109	100	7,790	100	218,066	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	6	14	1,383	8	476	7	14,630	8	<b>2.8</b>	2.8	.03	2.8	.00	2.8	.02
		2	Sometimes	14	25	5,564	30	2,344	31	63,318	30							
		3	Often	15	24	6,619	34	2,780	35	77,766	35							
		4	Very often	21	37	5,422	27	2,138	28	61,149	27							
		Total		56	100	18,988	100	7,738	100	216,863	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	5	11	2,141	12	776	11	23,512	13	<b>2.7</b>	2.7	.05	2.7	.04	2.7	.05
		2	Sometimes	19	36	5,919	32	2,521	32	66,609	31							
		3	Often	13	22	5,874	31	2,538	33	69,724	31							
		4	Very often	18	31	4,913	25	1,862	24	55,781	25							
		Total		55	100	18,847	100	7,697	100	215,626	100							
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	2	4	876	5	325	5	9,737	5	<b>3.1</b>	2.9 *	.29	2.9	.22	2.9	.26
		2	Sometimes	10	16	5,185	28	2,017	26	57,485	27							
		3	Often	26	46	7,987	43	3,295	42	91,979	43							
		4	Very often	17	33	4,630	24	1,995	27	54,695	25							
		Total		55	100	18,678	100	7,632	100	213,896	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	3	5	589	4	212	3	6,473	4	<b>3.2</b>	3.0	.20	3.0	.15	3.0	.19
		2	Sometimes	10	19	4,142	23	1,689	22	47,428	23							
		3	Often	18	32	8,214	45	3,322	43	93,764	44							
		4	Very often	24	44	5,500	29	2,323	31	63,736	30							
		Total		55	100	18,445	100	7,546	100	211,401	100							
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	1	1	449	3	198	3	4,724	3	<b>3.2</b>	3.0 *	.33	3.0 *	.33	3.0 *	.31
		2	Sometimes	12	18	4,565	25	1,915	26	51,466	25							
		3	Often	21	36	7,925	43	3,206	43	90,761	43							
		4	Very often	21	45	5,272	28	2,152	29	61,974	29							
		Total		55	100	18,211	100	7,471	100	208,925	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

## Miami University-Hamilton

### 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	Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Your seniors compared with						
				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	1	1	194	1	92	1	2,342	1	<b>3.4</b>	3.2 *	.29	3.2 *	.32	3.2 *	.30	
		2	Sometimes	3	5	2,514	14	1,090	15	29,627	15								▲
		3	Often	23	42	8,024	45	3,388	45	92,700	45								▲
		4	Very often	27	52	7,303	39	2,835	38	82,459	39								▲
		Total		54	100	18,035	100	7,405	100	207,128	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	9	15	3,198	19	865	13	35,010	19	<b>2.6</b>	2.4	.17	2.7	-.09	2.4	.14	
		2	Sometimes	26	42	7,035	40	2,484	34	79,355	39								
		3	Often	5	12	4,255	23	2,068	27	50,364	23								
		4	Very often	14	30	3,541	18	1,986	26	42,278	19								
		Total		54	100	18,029	100	7,403	100	207,007	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	24	42	7,677	43	2,284	33	84,151	43	<b>2.1</b>	1.9	.16	2.2	-.07	2.0	.13	
		2	Sometimes	14	27	5,415	30	2,380	31	61,654	29								
		3	Often	6	12	2,786	15	1,483	19	33,750	16								
		4	Very often	10	20	2,071	11	1,238	16	26,619	12								
		Total		54	100	17,949	100	7,385	100	206,174	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	17	25	5,180	29	1,499	23	57,552	30	<b>2.4</b>	2.1	.24	2.3	.02	2.1	.21	
		2	Sometimes	18	32	7,161	41	2,808	38	78,605	38								
		3	Often	10	23	3,447	19	1,792	23	42,230	20								
		4	Very often	9	19	2,031	11	1,228	17	26,220	12								
		Total		54	100	17,819	100	7,327	100	204,607	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	10	14	4,676	28	1,162	17	47,208	25	<b>2.6</b>	2.1 ***	.55	2.4	.22	2.2 **	.45	
		2	Sometimes	23	40	7,643	42	3,000	41	86,647	42								▲
		3	Often	7	14	3,562	19	1,890	25	44,818	21								
		4	Very often	14	32	1,939	10	1,276	17	25,990	12								
		Total		54	100	17,820	100	7,328	100	204,663	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	2	3	1,594	9	540	7	16,655	8	<b>2.8</b>	2.7	.11	2.8	.06	2.7	.09	
		2	Some	19	35	5,472	31	2,193	30	61,800	31								
		3	Quite a bit	22	38	6,727	38	2,899	40	78,591	38								
		4	Very much	11	24	3,934	22	1,649	23	46,379	23								
		Total		54	100	17,727	100	7,281	100	203,425	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

## Miami University-Hamilton

### 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	Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	1	1	486	3	213	3	5,773	3	<b>3.3</b>	3.1	.26	3.1 *	.28	3.1 *	.27
		2	Some	5	10	3,228	18	1,448	20	38,691	19							
		3	Quite a bit	26	45	7,928	45	3,172	43	89,562	44							
		4	Very much	21	43	5,999	34	2,422	34	68,483	33							
		Total		53	100	17,641	100	7,255	100	202,509	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	2	3	591	4	246	4	6,492	3	<b>3.3</b>	3.0 *	.34	3.0 *	.33	3.1 *	.32
		2	Some	8	16	3,716	21	1,566	21	41,255	21							
		3	Quite a bit	18	28	7,454	43	3,037	42	86,098	43							
		4	Very much	25	53	5,709	32	2,331	33	66,939	33							
		Total		53	100	17,470	100	7,180	100	200,784	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	1	1	913	6	261	4	8,997	5	<b>3.3</b>	2.9 **	.38	3.0 *	.29	3.0 *	.32
		2	Some	7	13	4,083	24	1,612	22	43,877	22							
		3	Quite a bit	23	43	7,197	41	3,056	42	84,412	42							
		4	Very much	21	42	5,191	29	2,208	32	62,581	31							
		Total		52	100	17,384	100	7,137	100	199,867	100							
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	1	1	660	4	232	3	6,831	4	<b>3.2</b>	3.0 *	.30	3.0	.24	3.0	.26
		2	Some	9	15	3,812	23	1,552	21	42,555	22							
		3	Quite a bit	24	43	7,733	44	3,176	44	88,309	44							
		4	Very much	19	40	5,107	29	2,148	31	61,268	30							
		Total		53	100	17,312	100	7,108	100	198,963	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	0	0	386	2	182	3	4,503	3	<b>3.5</b>	3.1 ***	.50	3.2 **	.44	3.2 ***	.48
		2	Some	4	6	3,016	18	1,186	16	34,434	18							
		3	Quite a bit	20	35	7,369	44	2,956	41	84,215	42							
		4	Very much	28	59	6,446	36	2,747	40	74,747	38							
		Total		52	100	17,217	100	7,071	100	197,899	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	2	3	694	4	290	4	8,111	4	<b>3.4</b>	3.1 **	.40	3.1 *	.34	3.1 **	.39
		2	Some	4	7	3,309	19	1,309	18	37,600	19							
		3	Quite a bit	21	38	7,296	43	2,907	41	83,408	42							
		4	Very much	25	52	5,875	33	2,538	37	68,253	35							
		Total		52	100	17,174	100	7,044	100	197,372	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

## Miami University-Hamilton

### 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	Miami-Hamilton				Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Your seniors compared with				
				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	0	0	607	4	222	3	7,158	4	<b>3.5</b>	3.1 **	▲	.42	3.1 **	.38	3.1 **	.43
		2	Some	6	10	3,275	19	1,332	19	38,074	20								
		3	Quite a bit	19	35	6,852	41	2,741	38	78,736	40								
		4	Very much	26	55	6,397	37	2,734	39	73,065	37								
		Total		51	100	17,131	100	7,029	100	197,033	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	1	1	1,603	10	498	8	16,717	9	<b>3.1</b>	2.8	.26	3.0	.12	2.9	.23	
		2	Some	15	28	4,449	27	1,587	23	51,474	27								
		3	Quite a bit	16	33	5,809	34	2,550	35	67,990	34								
		4	Very much	20	38	5,258	29	2,384	34	60,529	30								
		Total		52	100	17,119	100	7,019	100	196,710	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	2	4	1,263	8	471	7	14,467	8	<b>3.0</b>	2.8	.26	2.9	.12	2.8	.22	
		2	Some	9	20	4,719	29	1,665	24	52,974	27								
		3	Quite a bit	23	43	6,361	37	2,660	37	73,249	37								
		4	Very much	18	33	4,701	26	2,192	32	55,244	28								
		Total		52	100	17,044	100	6,988	100	195,934	100								
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	0	0	599	4	236	3	6,955	4	<b>3.3</b>	3.1	.25	3.1	.16	3.1	.22	
		2	Some	7	15	3,401	21	1,346	19	39,045	20								
		3	Quite a bit	24	44	6,991	42	2,775	39	79,843	40								
		4	Very much	20	41	5,993	34	2,604	38	69,260	36								
		Total		51	100	16,984	100	6,961	100	195,103	100								
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	0	0	531	3	207	3	6,201	4	<b>3.3</b>	3.1 *	▲	.34	3.1	.27	3.1 *	.32
		2	Some	7	12	3,317	20	1,325	19	38,297	20								
		3	Quite a bit	24	42	7,346	44	2,923	42	83,838	43								
		4	Very much	20	46	5,734	33	2,487	36	66,251	34								
		Total		51	100	16,928	100	6,942	100	194,587	100								
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	1	1	1,287	8	488	7	14,240	8	<b>3.0</b>	2.8	.24	2.9	.13	2.8	.21	
		2	Some	16	30	5,034	30	1,858	27	57,147	29								
		3	Quite a bit	21	38	6,578	39	2,716	39	75,935	39								
		4	Very much	13	31	4,014	23	1,866	27	46,995	24								
		Total		51	100	16,913	100	6,928	100	194,317	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

## Miami University-Hamilton

### 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	Miami-Hamilton				Great Lakes Public				Carnegie Class				NSSE 2022 & 2023				Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>						
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	0	0	498	3	179	3	5,708	3	<b>3.4</b>	3.1 *	.35	3.2 *	.29	3.1 *	.35									
		2	Some	6	13	2,778	16	1,061	15	32,205	17																
		3	Quite a bit	17	31	7,068	43	2,875	41	81,507	42																
		4	Very much	26	56	6,537	38	2,815	41	74,707	38																
		Total		49	100	16,881	100	6,930	100	194,127	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	4	6	1,791	10	652	9	19,485	10	<b>2.9</b>	2.7	.24	2.7	.18	2.7	.21									
		2	Sometimes	19	32	5,685	33	2,251	32	64,141	33																
		3	Often	14	29	5,870	36	2,466	36	67,632	36																
		4	Very often	11	33	3,306	21	1,470	22	40,361	22																
		Total		48	100	16,652	100	6,839	100	191,619	100																
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	2	3	2,776	16	980	14	29,812	16	<b>3.0</b>	2.5 ***	.50	2.6 **	.43	2.5 **	.47									
		2	Sometimes	18	33	6,050	36	2,458	35	68,057	35																
		3	Often	13	27	4,983	30	2,129	32	58,198	30																
		4	Very often	14	36	2,806	17	1,258	19	34,852	18																
		Total		47	100	16,615	100	6,825	100	190,919	100																
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	4	6	2,551	15	996	15	28,260	15	<b>2.8</b>	2.5 *	.36	2.5 *	.33	2.5 *	.34									
		2	Sometimes	19	34	6,334	37	2,517	36	70,058	37																
		3	Often	14	31	5,124	32	2,136	31	60,046	32																
		4	Very often	10	29	2,507	16	1,131	17	31,696	17																
		Total		47	100	16,516	100	6,780	100	190,060	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 <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	wrshortnum	0	None	4	13	1,161	7	404	6	12,071	7	<b>7.4</b>	7.5	-.01	7.6	-.02	7.6	-.02									
		1.5	1-2	9	24	3,063	18	1,204	18	33,706	18																
		4	3-5	7	14	4,645	28	2,006	29	54,874	29																
		8	6-10	12	24	3,452	21	1,455	21	41,385	22																
		13	11-15	4	8	1,644	10	721	11	20,707	11																
		18	16-20	4	8	984	6	364	5	10,518	6																
		23	More than 20	6	10	1,530	9	617	9	16,439	9																
Total		46	100	16,479	100	6,771	100	189,700	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

## Miami University-Hamilton

### 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	Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Your seniors compared with						
				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	13	30	4,672	29	1,605	25	47,643	26	<b>3.4</b>	3.2	.05	3.6	-.03	3.6	-.04	
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	14	37	5,413	33	2,318	34	61,239	32								
	4	3-5	11	19	3,596	22	1,544	22	43,981	23									
	8	6-10	3	5	1,650	10	794	12	21,796	12									
	13	11-15	2	3	601	4	262	4	7,897	4									
	18	16-20	1	1	213	1	109	2	2,864	2									
	23	More than 20	2	5	290	2	117	2	3,546	2									
	Total			46	100	16,435	100	6,749	100	188,966	100								
c. 11 pages or more	wrlongnum	0	None	20	46	8,853	54	3,179	48	94,007	50	<b>1.9</b>	1.8	.03	2.0	-.04	2.0	-.04	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	16	37	4,870	30	2,280	32	59,414	30								
	4	3-5	6	11	1,490	9	736	11	19,171	10									
	8	6-10	0	0	564	3	256	4	7,886	4									
	13	11-15	3	5	331	2	136	2	4,553	3									
	18	16-20	1	2	127	1	67	1	1,564	1									
	23	More than 20	0	0	222	1	100	2	2,778	2									
	Total			46	100	16,457	100	6,754	100	189,373	100								
Estimated number of assigned pages of student writing.	wrpages											<b>78.2</b>	74.5	.04	81.3	-.03	81.8	-.03	
<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	1	1	913	5	397	6	10,224	6	<b>3.3</b>	3.0 *	.34	3.0	.28	3.0	.28	
		2	Sometimes	11	21	4,676	28	1,787	25	46,704	24								
		3	Often	13	26	5,125	31	2,069	30	59,504	31								
		4	Very often	21	52	5,725	35	2,511	39	72,815	39								
			Total	46	100	16,439	100	6,764	100	189,247	100								
b. People from economic backgrounds other than your own	DDeconomic	1	Never	1	1	715	4	320	5	9,163	5	<b>3.4</b>	3.0 **	.44	3.0 **	.40	3.0 **	.43	
		2	Sometimes	7	13	4,130	25	1,576	23	45,033	24								
		3	Often	17	31	6,011	37	2,435	35	67,540	35								
		4	Very often	21	55	5,569	34	2,412	37	67,142	35								
			Total	46	100	16,425	100	6,743	100	188,878	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

## Miami University-Hamilton

### 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	Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023			
				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	1	2	1,043	6	512	8	13,806	8	<b>3.0</b>	2.9	.14	2.9	.13	2.9	.15
		2	Sometimes	17	31	4,690	29	1,806	26	52,772	28							
		3	Often	14	28	5,403	33	2,220	32	60,199	32							
		4	Very often	14	39	5,269	32	2,212	34	62,014	33							
		Total		46	100	16,405	100	6,750	100	188,791	100							
d. People with political views other than your own	DDpolitical	1	Never	0	0	1,122	7	444	7	14,661	8	<b>3.3</b>	2.8 **	.46	2.9 *	.35	2.8 **	.46
		2	Sometimes	11	19	5,088	32	1,776	26	58,513	31							
		3	Often	17	35	5,224	32	2,258	33	58,581	31							
		4	Very often	18	46	4,958	29	2,256	34	56,958	30							
		Total		46	100	16,392	100	6,734	100	188,713	100							
e. People with sexual orientations other than your own	ddsexorient	1	Never	2	3	1,333	8	686	11	17,033	10	<b>3.1</b>	2.9	.22	2.8 *	.30	2.8	.26
		2	Sometimes	13	24	4,738	30	2,085	31	55,688	30							
		3	Often	18	36	5,020	30	1,949	28	56,280	29							
		4	Very often	13	37	5,285	32	2,010	30	59,495	31							
		Total		46	100	16,376	100	6,730	100	188,496	100							
f. People from countries other than your own	ddcountry	1	Never	2	3	2,261	12	867	13	20,855	11	<b>3.0</b>	2.6 ***	.48	2.6 **	.43	2.7 **	.40
		2	Sometimes	14	25	6,735	40	2,604	38	72,372	38							
		3	Often	16	35	3,921	25	1,658	25	48,702	26							
		4	Very often	14	36	3,479	22	1,609	25	46,804	25							
		Total		46	100	16,396	100	6,738	100	188,733	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	0	0	540	4	184	3	5,200	3	<b>3.5</b>	3.0 ***	.53	3.1 **	.49	3.1 ***	.49
		2	Sometimes	6	11	3,435	22	1,397	21	37,464	20							
		3	Often	13	29	6,889	42	2,860	42	79,886	42							
		4	Very often	27	59	5,466	33	2,266	35	65,230	34							
		Total		46	100	16,330	100	6,707	100	187,780	100							
b. Reviewed your notes after class	LSnotes	1	Never	0	0	1,201	8	412	6	12,289	7	<b>3.3</b>	2.8 ***	.50	2.9 **	.41	2.9 **	.45
		2	Sometimes	9	16	4,690	30	1,877	28	53,161	28							
		3	Often	17	39	5,488	33	2,266	34	63,858	34							
		4	Very often	20	46	4,947	29	2,148	32	58,388	31							
		Total		46	100	16,326	100	6,703	100	187,696	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

## Miami University-Hamilton

### 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	Miami-Hamilton				Great Lakes Public				Carnegie Class				NSSE 2022 & 2023				Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>						
c. Summarized what you learned in class or from course materials	LSummary	1	Never	0	0	946	6	343	5	9,977	6	<b>3.2</b>	2.9 **	▲	.41	3.0 *	▲	.30	2.9 *	▲	.36						
		2	Sometimes	9	16	4,479	28	1,725	25	50,525	27																
		3	Often	18	45	6,243	38	2,557	38	71,795	38																
		4	Very often	19	39	4,658	27	2,063	32	55,302	29																
		Total		46	100	16,326	100	6,688	100	187,599	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	173	1	81	1	2,006	1	<b>6.0</b>	5.5 **	▲	.44	5.5 **	▲	.39	5.5 **	▲	.40						
		2		0	0	228	1	96	2	2,708	2																
		3		2	3	733	5	306	5	8,476	5																
		4		5	11	1,736	11	746	11	20,211	11																
		5		7	18	4,637	30	1,871	28	53,373	28																
		6		7	13	4,222	26	1,620	24	46,675	25																
		7	Very much	24	55	4,501	26	1,942	29	53,009	28																
Total		45	100	16,230	100	6,662	100	186,458	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		Have not decided	4	6	1,361	8	515	8	18,538	11	<b>56%</b>	54%	.04	53%	.05	48%	.16									
			Do not plan to do	9	20	2,817	17	1,040	17	31,381	18																
			Plan to do	8	18	3,335	21	1,262	21	42,019	23																
			Done or in progress	25	56	8,713	54	3,833	53	94,426	48																
			Total	46	100	16,226	100	6,650	100	186,364	100																
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	2	6	1,785	10	731	12	23,009	13	<b>25%</b>	34%	-.21	37%	-.27	32%	-.17									
			Do not plan to do	32	68	7,843	48	2,712	42	82,734	46																
			Plan to do	1	2	1,239	8	543	9	16,432	9																
			Done or in progress	11	25	5,321	34	2,638	37	63,823	32																
			Total	46	100	16,188	100	6,624	100	185,998	100																
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom		Have not decided	3	6	1,997	12	966	15	27,018	15	<b>26%</b>	26%	.00	26%	.00	22%	.09									
			Do not plan to do	28	58	8,591	54	3,109	48	95,511	52																
			Plan to do	4	9	1,317	8	686	11	19,249	10																
			Done or in progress	11	26	4,253	26	1,830	26	43,574	22																
			Total	46	100	16,158	100	6,591	100	185,352	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

## Miami University-Hamilton

### 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	Miami-Hamilton				Great Lakes Public				Carnegie Class				NSSE 2022 & 2023				Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>						
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	2	3	1,760	11	845	13	24,007	13	<b>4%</b>	9%	-.23	7%	-.17	8%	-.21									
			Do not plan to do	39	87	12,126	74	4,739	72	129,771	70																
			Plan to do	2	6	1,010	7	470	7	14,786	8																
			Done or in progress	2	4	1,264	9	544	7	16,958	8																
			Total	45	100	16,160	100	6,598	100	185,522	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	4	8	2,364	14	898	15	28,847	16	<b>21%</b>	23%	-.03	27%	-.12	23%	-.03									
			Do not plan to do	27	55	8,775	53	3,185	47	91,638	49																
			Plan to do	6	16	1,566	10	684	11	20,960	12																
			Done or in progress	9	21	3,459	23	1,832	27	43,959	23																
			Total	46	100	16,164	100	6,599	100	185,404	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	0	0	1,226	8	492	8	17,581	10	<b>54%</b>	47%	.15	55%	-.01	46%	.17									
			Do not plan to do	5	9	3,165	21	965	15	37,163	21																
			Plan to do	15	36	3,947	24	1,315	22	42,095	24																
			Done or in progress	26	54	7,790	47	3,818	55	88,542	46																
			Total	46	100	16,128	100	6,590	100	185,381	100																
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																											
	servcourse	1	None	17	39	6,784	44	2,053	34	70,560	41	<b>1.9</b>	1.7	.27	1.9	.01	1.7	.16									
			2	Some	21	43	7,555	46	3,409	50	89,716								47								
			3	Most	5	8	1,393	8	874	13	19,025								10								
			4	All	3	9	364	2	232	4	5,086								3								
			Total	46	100	16,096	100	6,568	100	184,387	100																
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																											
a. Students	Q1student	1	Poor	0	0	206	1	68	1	2,630	2	<b>5.6</b>	5.6	-.03	5.7	-.08	5.6	-.02									
			2		2	3	233	2	106	2	3,053								2								
			3		1	1	560	4	268	4	7,167								4								
			4		5	8	1,461	9	638	10	17,855								10								
			5		15	31	3,954	25	1,487	22	43,522								23								
			6		13	33	4,699	29	1,761	26	50,768								27								
			7	Excellent	9	22	4,733	28	2,092	33	54,856								30								
			—	Not applicable	1	1	270	1	156	3	4,985								3								
			Total	46	100	16,116	100	6,576	100	184,836	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

## Miami University-Hamilton

### 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>						
				Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023			
				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	0	0	808	5	206	3	8,263	5	<b>5.5</b>	5.1	.18	5.6	-.09	5.3	.11
		2		4	7	806	5	196	3	8,298	5							
		3		3	8	1,299	8	366	5	13,178	7							
		4		8	15	2,136	13	614	9	21,608	12							
		5		5	13	2,936	18	1,058	16	32,902	18							
		6		8	18	3,092	20	1,407	21	35,816	19							
		7	Excellent	17	38	4,827	29	2,656	41	61,564	33							
		—	Not applicable	1	2	212	1	66	1	2,984	2							
	Total	46	100	16,116	100	6,569	100	184,613	100									
c. Faculty	QIfaculty	1	Poor	0	0	248	2	108	2	2,950	2	<b>5.7</b>	5.5	.19	5.7	.03	5.5	.13
		2		2	4	346	2	122	2	3,819	2							
		3		0	0	751	5	271	4	8,162	5							
		4		5	11	1,875	12	632	9	20,042	11							
		5		11	23	3,898	25	1,354	20	42,146	22							
		6		14	27	4,589	29	1,818	27	51,860	28							
		7	Excellent	14	35	4,256	26	2,195	35	53,534	29							
		—	Not applicable	0	0	142	1	65	1	2,109	1							
	Total	46	100	16,105	100	6,565	100	184,622	100									
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	0	0	597	4	273	4	7,582	4	<b>5.6</b>	5.0 *	.34	5.1	.26	5.0	.31
		2		3	5	599	4	263	4	7,279	4							
		3		4	7	984	6	438	6	12,001	6							
		4		3	5	1,998	13	772	11	22,614	12							
		5		6	11	2,869	18	1,216	17	33,225	17							
		6		9	25	2,774	18	1,114	17	31,414	17							
		7	Excellent	10	27	2,917	17	1,451	23	37,018	20							
		—	Not applicable	11	20	3,359	20	1,040	17	33,366	19							
	Total	46	100	16,097	100	6,567	100	184,499	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

## Miami University-Hamilton

### 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	Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023			
				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	1	2	650	4	261	4	8,412	5	<b>5.5</b>	5.0	.29	5.2	.17	5.0	.26
		2		2	5	708	4	283	4	8,493	5							
		3		5	8	1,074	7	471	7	13,536	7							
		4		2	3	2,333	15	822	12	25,836	14							
		5		8	17	3,216	20	1,336	20	36,775	19							
		6		14	35	3,154	20	1,333	20	35,514	19							
		7	Excellent	11	26	3,312	19	1,780	28	41,654	23							
		—	Not applicable	3	5	1,654	11	288	5	14,392	9							
	Total	46	100	16,101	100	6,574	100	184,612	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	1	2	320	2	132	2	3,484	2	<b>3.3</b>	3.1	.25	3.1	.25	3.1	.24
		2	Some	7	16	3,180	19	1,295	19	34,861	19							
		3	Quite a bit	15	35	7,382	46	2,990	45	82,751	45							
		4	Very much	23	48	5,170	33	2,128	33	62,911	34							
			Total	46	100	16,052	100	6,545	100	184,007	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	2	5	923	6	327	6	10,741	6	<b>3.2</b>	2.8 **	.42	3.0	.28	2.9 *	.36
		2	Some	7	14	4,269	28	1,539	24	47,227	26							
		3	Quite a bit	16	38	6,831	43	2,700	41	75,924	41							
		4	Very much	21	43	4,000	23	1,968	30	49,788	27							
			Total	46	100	16,023	100	6,534	100	183,680	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	6	12	1,639	11	641	10	17,866	10	<b>3.0</b>	2.8	.29	2.9	.18	2.8	.23
		2	Some	6	10	4,163	27	1,493	23	45,853	25							
		3	Quite a bit	17	39	6,054	38	2,441	37	68,367	37							
		4	Very much	17	38	4,165	24	1,954	30	51,388	27							
			Total	46	100	16,021	100	6,529	100	183,474	100							
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	7	12	2,383	15	913	14	26,021	15	<b>2.9</b>	2.6 *	.35	2.7	.26	2.6 *	.30
		2	Some	10	19	5,139	33	1,972	29	56,496	31							
		3	Quite a bit	13	35	5,088	32	2,112	32	59,585	32							
		4	Very much	15	34	3,368	20	1,524	24	41,140	22							
			Total	45	100	15,978	100	6,521	100	183,242	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

## Miami University-Hamilton

### 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	Miami-Hamilton				Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Your seniors compared with			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean		Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
e. Providing opportunities to be involved socially	SEsocial	1	Very little	2	3	1,371	8	488	8	16,447	10	<b>3.2</b>	2.8 **	.39	2.9 *	.33	2.8 **	.41
		2	Some	11	21	4,281	27	1,600	25	48,577	27							
		3	Quite a bit	14	32	6,227	39	2,583	38	70,447	38							
		4	Very much	19	44	4,083	25	1,848	28	47,633	25							
		Total		46	100	15,962	100	6,519	100	183,104	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	6	10	1,888	12	719	11	21,554	12	<b>3.0</b>	2.7 *	.37	2.8 *	.29	2.7 *	.37
		2	Some	6	10	4,796	30	1,816	28	54,056	30							
		3	Quite a bit	18	46	5,636	35	2,320	35	64,909	35							
		4	Very much	16	34	3,626	22	1,655	26	42,426	23							
		Total		46	100	15,946	100	6,510	100	182,945	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	14	24	5,573	36	1,954	31	59,492	33	<b>2.4</b>	2.0 *	.36	2.2	.16	2.1	.25
		2	Some	14	33	5,623	36	2,179	33	63,050	34							
		3	Quite a bit	9	24	3,140	19	1,463	23	38,348	21							
		4	Very much	9	19	1,602	9	904	14	21,879	12							
		Total		46	100	15,938	100	6,500	100	182,769	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	6	13	2,588	15	777	13	29,394	17	<b>2.9</b>	2.6	.26	2.7	.15	2.6	.28
		2	Some	10	19	4,774	30	1,787	28	52,171	29							
		3	Quite a bit	17	38	5,469	35	2,296	34	62,109	33							
		4	Very much	13	30	3,085	20	1,628	25	38,825	21							
		Total		46	100	15,916	100	6,488	100	182,499	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	6	13	3,626	22	1,357	22	40,748	24	<b>2.8</b>	2.3 ***	.56	2.4 **	.46	2.3 ***	.53
		2	Some	11	21	6,015	39	2,328	35	65,840	36							
		3	Quite a bit	17	38	4,272	27	1,817	28	50,196	27							
		4	Very much	12	28	1,996	12	984	15	25,747	14							
		Total		46	100	15,909	100	6,486	100	182,531	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	1	2	418	3	185	3	5,011	3	<b>3.4</b>	3.3	.18	3.3	.13	3.3	.16
		2	Disagree	5	8	1,125	7	492	8	13,902	8							
		3	Agree	20	40	7,935	50	3,050	46	89,936	49							
		4	Strongly agree	20	50	6,422	39	2,767	43	73,815	41							
		Total		46	100	15,900	100	6,494	100	182,664	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

## Miami University-Hamilton

### 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	Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Your seniors compared with								
				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	1	2	1,176	8	421	7	12,503	7	<b>3.2</b>	2.8 **	▲	.44	3.0	.25	2.9 *	▲	.35	
		2	Disagree	8	14	3,159	21	1,068	16	33,891	19										
		3	Agree	22	45	7,964	50	3,112	48	90,089	49										
		4	Strongly agree	15	39	3,603	22	1,889	30	46,063	25										
		Total		46	100	15,902	100	6,490	100	182,546	100										
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	2	5	964	7	366	6	10,878	7	<b>3.1</b>	2.9	.20	3.0	.06	2.9	.16			
		2	Disagree	6	10	3,073	19	1,062	16	33,702	19										
		3	Agree	27	60	7,986	50	3,113	48	90,344	49										
		4	Strongly agree	11	26	3,882	24	1,957	30	47,798	26										
		Total		46	100	15,905	100	6,498	100	182,722	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	69	0	36	1	774	0	<b>18.6</b>	15.8 *	▲	.32	14.9 **	.42	15.7 *	▲	.33	
		3	1-5 hrs	1	2	1,752	11	834	13	20,337	11										
		8	6-10 hrs	7	16	3,441	21	1,538	23	39,254	21										
		13	11-15 hrs	12	26	3,244	20	1,291	20	37,414	20										
		18	16-20 hrs	10	20	3,057	19	1,148	17	34,916	19										
		23	21-25 hrs	4	9	1,877	12	714	11	21,365	12										
		28	26-30 hrs	5	12	1,114	7	402	6	12,286	7										
		33	More than 30 hrs	7	14	1,324	9	519	8	15,849	9										
Total		46	100	15,878	100	6,482	100	182,195	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

## Miami University-Hamilton

### 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	Miami-Hamilton				Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Your seniors compared with					
				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>
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	<i>tmccurrhrs</i> (Recorded version of <i>tmccurr</i> created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	27	58	7,244	43	2,453	41	78,683	45	<b>1.8</b>	4.7 ***	-0.43	6.0 ***	-0.52	5.0 ***	-0.44	
		3	1-5 hrs	13	34	4,439	29	1,701	25	47,594	25								
		8	6-10 hrs	4	7	1,837	13	802	12	22,642	12								
		13	11-15 hrs	1	2	1,044	7	573	9	14,111	8								
		18	16-20 hrs	0	0	626	4	387	6	8,982	5								
		23	21-25 hrs	0	0	317	2	250	4	4,677	2								
		28	26-30 hrs	0	0	112	1	133	2	2,118	1								
		33	More than 30 hrs	0	0	235	1	174	2	3,077	2								
	Total			45	100	15,854	100	6,473	100	181,884	100								
c. Working for pay on campus	<i>tmworkonhrs</i> (Recorded version of <i>tmworkon</i> created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	31	73	11,837	73	4,421	72	131,149	74	<b>4.7</b>	3.6	.16	3.5	.17	3.3	.20	
		3	1-5 hrs	3	8	577	4	395	5	9,240	4								
		8	6-10 hrs	2	3	1,062	7	655	9	14,315	7								
		13	11-15 hrs	2	3	940	6	423	6	10,909	6								
		18	16-20 hrs	0	0	796	5	366	5	10,155	5								
		23	21-25 hrs	1	2	384	3	94	1	3,140	2								
		28	26-30 hrs	1	1	125	1	39	1	1,184	1								
		33	More than 30 hrs	6	9	145	1	82	1	1,865	1								
	Total			46	100	15,866	100	6,475	100	181,957	100								
d. Working for pay off campus	<i>tmworkoffhrs</i> (Recorded version of <i>tmworkoff</i> created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	12	26	5,803	40	2,657	40	72,845	40	<b>18.9</b>	12.5 ***	.50	12.9 **	.45	13.0 **	.45	
		3	1-5 hrs	1	1	750	5	349	5	9,038	5								
		8	6-10 hrs	2	3	1,061	7	420	6	12,237	6								
		13	11-15 hrs	1	2	1,246	8	464	7	13,495	7								
		18	16-20 hrs	5	11	1,670	10	583	9	17,075	9								
		23	21-25 hrs	9	20	1,422	8	484	7	13,426	7								
		28	26-30 hrs	2	6	968	6	342	5	9,940	5								
		33	More than 30 hrs	14	31	2,955	17	1,177	20	33,960	20								
	Total			46	100	15,875	100	6,476	100	182,016	100								
Estimated number of hours working for pay	<i>tmworkhrs</i> (Continuous variable created by NSSE)										<b>23.6</b>	16.0 ***	.59	16.4 ***	.53	16.3 ***	.54		

\*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

## Miami University-Hamilton

### 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>						
				Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023			
				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	22	51	9,129	58	3,520	55	100,796	56	<b>3.1</b>	2.5	.12	2.9	.03	2.9	.03
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	14	27	4,694	29	1,959	29	53,056	28							
		8	6-10 hrs	6	14	999	6	499	8	13,296	7							
		13	11-15 hrs	2	5	468	3	238	4	6,750	4							
		18	16-20 hrs	1	1	271	2	113	2	3,786	2							
		23	21-25 hrs	1	1	115	1	50	1	1,785	1							
		28	26-30 hrs	0	0	54	0	30	0	838	0							
		33	More than 30 hrs	0	0	123	1	64	1	1,583	1							
	Total			46	100	15,853	100	6,473	100	181,890	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	3	8	430	3	225	4	5,827	3	<b>10.2</b>	12.0	-.21	10.6	-.04	11.1	-.11
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	30	3,685	21	1,771	28	46,351	25							
		8	6-10 hrs	10	20	4,537	28	1,856	28	51,250	28							
		13	11-15 hrs	13	25	3,082	20	1,154	18	35,098	19							
		18	16-20 hrs	2	3	2,030	14	713	11	22,076	12							
		23	21-25 hrs	1	2	858	6	321	5	8,993	5							
		28	26-30 hrs	3	9	437	3	143	2	4,226	2							
		33	More than 30 hrs	1	3	802	6	285	5	8,101	5							
	Total			46	100	15,861	100	6,468	100	181,922	100							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	21	48	10,944	71	4,179	62	117,956	64	<b>8.7</b>	4.6 *	.41	6.4	.21	6.1	.23
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	8	17	1,462	9	677	11	18,553	10							
		8	6-10 hrs	2	5	699	4	364	6	9,453	5							
		13	11-15 hrs	4	9	500	3	229	4	6,618	4							
		18	16-20 hrs	2	3	361	2	164	3	4,970	3							
		23	21-25 hrs	0	0	172	1	94	1	2,677	2							
		28	26-30 hrs	0	0	148	1	81	1	2,102	1							
		33	More than 30 hrs	9	18	1,567	8	679	11	19,424	11							
	Total			46	100	15,853	100	6,467	100	181,753	100							

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

# NSSE 2023 Frequencies and Statistical Comparisons

## Miami University-Hamilton

### 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	Miami-Hamilton				Great Lakes Public				Carnegie Class				NSSE 2022 & 2023				Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>						
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	10	21	3,895	22	2,214	33	51,297	28	<b>4.7</b>	4.3	.06	4.5	.03	4.5	.02									
		3	1-5 hrs	21	50	8,401	54	2,794	43	85,318	46																
		8	6-10 hrs	11	22	2,261	15	776	12	26,277	15																
		13	11-15 hrs	2	3	692	5	302	5	9,550	5																
		18	16-20 hrs	0	0	288	2	148	3	4,251	2																
		23	21-25 hrs	0	0	126	1	77	1	2,049	1																
		28	26-30 hrs	1	1	61	0	48	1	971	1																
		33	More than 30 hrs	1	2	149	1	116	2	2,294	1																
<b>Total</b>				<b>46</b>	<b>100</b>	<b>15,873</b>	<b>100</b>	<b>6,475</b>	<b>100</b>	<b>182,007</b>	<b>100</b>																
<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	5	11	2,789	19	983	15	26,014	15	<b>2.9</b>	2.6	.28	2.7	.16	2.8	.14									
		2	Some	8	22	5,151	33	2,003	30	54,168	30																
		3	About half	18	40	4,160	25	1,779	28	49,637	27																
		4	Most	10	18	2,623	16	1,199	19	35,786	19																
		5	Almost all	4	9	1,096	7	489	8	15,703	8																
		<b>Total</b>				<b>45</b>	<b>100</b>	<b>15,819</b>	<b>100</b>	<b>6,453</b>	<b>100</b>								<b>181,308</b>	<b>100</b>							
tmreadinghrscol		<i>(Continuous variable created by NSSE. Calculated as a proportion of tmreadinghrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																									
tmreadinghrscol		<b>9.3</b>																									
tmreadinghrscol		6.6 **    .45    6.9 *    .37    7.2 *    .32																									
tmreadinghrscol		▲    ▲    ▲																									
(Collapsed version of tmreadinghrs created by NSSE.)	tmreadinghrscol	1	0 hrs	0	0	68	0	36	1	755	0	<b>4.7</b>	4.3	.06	4.5	.03	4.5	.02									
		2	More than zero, up to 5 hrs	12	25	8,153	52	3,288	50	85,779	48																
		3	More than 5, up to 10 hrs	20	49	4,354	28	1,730	27	51,865	28																
		4	More than 10, up to 15 hrs	1	4	1,512	9	616	10	19,158	10																
		5	More than 15, up to 20 hrs	4	8	867	5	374	6	11,317	6																
		6	More than 20, up to 25 hrs	7	12	547	3	273	4	7,907	4																
		7	More than 25 hrs	1	2	256	2	123	2	3,894	2																
		<b>Total</b>				<b>45</b>	<b>100</b>	<b>15,757</b>	<b>100</b>	<b>6,440</b>	<b>100</b>								<b>180,675</b>	<b>100</b>							

\*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

## Miami University-Hamilton

### 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	Miami-Hamilton				Great Lakes Public				Carnegie Class				NSSE 2022 & 2023				Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	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	2	3	820	6	268	5	8,790	5	<b>3.3</b>	3.0 *	▲	.33	3.1	.22	3.0	.26								
		2	Some	7	13	3,530	23	1,315	20	36,725	21																
		3	Quite a bit	19	39	6,242	39	2,547	39	71,137	39																
		4	Very much	18	45	5,217	32	2,325	36	64,950	35																
		Total		46	100	15,809	100	6,455	100	181,602	100																
b. Speaking clearly and effectively	pgspeak	1	Very little	4	6	1,223	9	342	6	12,359	8	<b>3.0</b>	2.9	.17	3.0	-.01	2.9	.09									
		2	Some	8	16	3,964	26	1,367	21	41,447	23																
		3	Quite a bit	22	48	5,865	36	2,466	37	68,393	37																
		4	Very much	12	30	4,759	29	2,273	36	59,232	32																
		Total		46	100	15,811	100	6,448	100	181,431	100																
c. Thinking critically and analytically	pgthink	1	Very little	1	2	385	3	138	3	4,018	3	<b>3.4</b>	3.3	.10	3.3	.09	3.3	.09									
		2	Some	4	9	1,996	13	838	13	22,333	13																
		3	Quite a bit	20	40	5,948	37	2,401	36	68,109	37																
		4	Very much	21	49	7,486	47	3,068	48	86,990	47																
		Total		46	100	15,815	100	6,445	100	181,450	100																
d. Analyzing numerical and statistical information	pganalyze	1	Very little	6	10	1,477	9	550	8	15,939	9	<b>3.0</b>	2.9	.09	2.9	.08	2.9	.08									
		2	Some	11	18	4,033	25	1,625	24	44,514	24																
		3	Quite a bit	16	35	5,277	34	2,236	35	61,241	34																
		4	Very much	13	37	5,015	33	2,031	33	59,726	34																
		Total		46	100	15,802	100	6,442	100	181,420	100																
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	4	6	1,191	8	435	7	13,908	8	<b>3.0</b>	3.0	.09	3.0	.02	3.0	.09									
		2	Some	10	20	3,459	23	1,329	20	40,790	23																
		3	Quite a bit	17	36	5,524	34	2,211	34	62,716	34																
		4	Very much	15	38	5,643	35	2,475	38	64,054	35																
		Total		46	100	15,817	100	6,450	100	181,468	100																
f. Working effectively with others	pgothers	1	Very little	1	2	771	5	297	5	8,843	6	<b>3.1</b>	3.0	.05	3.1	-.01	3.0	.05									
		2	Some	11	26	3,112	20	1,164	18	35,864	21																
		3	Quite a bit	18	35	6,071	39	2,514	38	69,427	38																
		4	Very much	16	38	5,854	36	2,470	38	67,254	36																
		Total		46	100	15,808	100	6,445	100	181,388	100																

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



# NSSE 2023 Frequencies and Statistical Comparisons

## Miami University-Hamilton

### 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	Miami-Hamilton		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023		Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023			
				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	4	9	1,686	12	484	8	16,886	11	<b>2.8</b>	2.8	.03	3.0	-.16	2.9	-.05
		2	Some	15	30	3,920	26	1,383	22	42,345	24							
		3	Quite a bit	13	31	5,453	34	2,354	36	63,371	34							
		4	Very much	13	30	4,751	28	2,227	35	58,708	31							
		Total		45	100	15,810	100	6,448	100	181,310	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	2	6	1,349	9	534	9	14,789	9	<b>3.0</b>	2.9	.09	2.9	.03	2.9	.05
		2	Some	12	24	3,948	25	1,532	24	43,337	24							
		3	Quite a bit	19	40	5,477	35	2,255	34	63,397	34							
		4	Very much	13	31	5,032	31	2,125	33	59,838	32							
		Total		46	100	15,806	100	6,446	100	181,361	100							
i. Solving complex real-world problems	pgprobolve	1	Very little	2	3	1,324	9	483	8	14,587	9	<b>3.1</b>	2.9 *	.27	2.9	.23	2.9 *	.25
		2	Some	8	14	4,054	26	1,658	25	45,572	25							
		3	Quite a bit	23	51	5,680	36	2,303	35	65,072	35							
		4	Very much	13	32	4,744	30	2,014	31	56,211	31							
		Total		46	100	15,802	100	6,458	100	181,442	100							
j. Being an informed and active citizen	pgcizen	1	Very little	3	5	1,913	13	665	11	20,470	12	<b>2.9</b>	2.7	.22	2.8	.13	2.8	.17
		2	Some	15	33	4,584	29	1,838	28	50,397	28							
		3	Quite a bit	13	27	5,178	33	2,122	33	59,961	32							
		4	Very much	15	35	4,168	25	1,831	29	50,805	28							
		Total		46	100	15,843	100	6,456	100	181,633	100							
<b>19. How would you evaluate your entire educational experience at this institution?</b>																		
	evalexp	1	Poor	1	2	504	4	202	3	5,343	3	<b>3.4</b>	3.2 *	.34	3.2	.27	3.2 *	.30
		2	Fair	2	5	2,248	14	923	13	24,788	14							
		3	Good	24	44	7,348	46	2,732	42	81,216	44							
		4	Excellent	20	50	5,750	37	2,617	41	70,735	39							
		Total		47	100	15,850	100	6,474	100	182,082	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	1	3	786	5	422	6	9,402	5	<b>3.4</b>	3.2	.23	3.2	.25	3.2	.23
		2	Probably no	4	8	2,079	13	921	14	24,685	13							
		3	Probably yes	19	39	6,583	41	2,486	38	73,888	40							
		4	Definitely yes	24	50	6,473	41	2,679	42	74,813	41							
		Total		48	100	15,921	100	6,508	100	182,788	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>g</sup>

### Miami University-Hamilton

#### 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>		
	Miami-Hamilton	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023
1 a. askquest	88	2.91	2.77	2.86	2.78	.092	.008	.013	.003	.86	.83	.84	.85	10,876	4,330	105,540	.122	.587	.160	.17	.06	.15
b. CLaskhelp	89	2.31	2.49	2.50	2.45	.098	.009	.014	.003	.93	.90	.90	.92	10,840	4,320	105,101	.053	.044	.145	-.21	-.22	-.15
c. CLexplain	89	2.41	2.59	2.59	2.52	.101	.008	.013	.003	.96	.85	.87	.89	10,807	4,307	104,843	.046	.052	.228	-.21	-.21	-.13
d. CLstudy	87	2.18	2.32	2.41	2.33	.112	.009	.015	.003	1.04	.97	.97	.98	10,743	4,265	104,112	.180	.028	.148	-.14	-.24	-.15
e. CLproject	88	2.56	2.59	2.62	2.54	.093	.008	.014	.003	.87	.87	.89	.91	10,667	4,242	103,442	.815	.566	.787	-.03	-.06	.03
f. present	88	2.02	2.17	2.37	2.20	.093	.009	.014	.003	.88	.87	.89	.90	10,647	91	103,163	.123	.000	.066	-.16	-.39	-.20
2 a. RIntegrate	86	2.68	2.64	2.58	2.60	.101	.008	.014	.003	.94	.84	.87	.87	10,453	4,148	101,399	.681	.285	.395	.04	.12	.09
b. RIsocietal	88	2.55	2.59	2.55	2.60	.102	.009	.014	.003	.96	.88	.89	.89	10,338	4,103	100,303	.650	.987	.548	-.05	.00	-.06
c. RIdiverse	85	2.75	2.62	2.57	2.63	.105	.009	.015	.003	.96	.90	.92	.91	10,221	4,046	99,161	.218	.080	.249	.13	.19	.13
d. Rlownview	83	2.76	2.79	2.78	2.80	.092	.008	.013	.003	.84	.81	.82	.81	10,089	3,973	97,698	.801	.824	.680	-.03	-.02	-.05
e. Rlperspect	84	2.99	2.91	2.90	2.93	.081	.008	.013	.003	.75	.78	.79	.79	9,884	3,911	95,799	.376	.304	.487	.10	.11	.08
f. Rlnewview	81	2.94	2.86	2.83	2.87	.081	.008	.013	.003	.72	.79	.81	.80	9,675	84	80	.367	.198	.440	.10	.13	.08
g. Rlconnect	81	3.07	3.07	3.01	3.06	.088	.008	.012	.002	.79	.73	.75	.75	9,533	3,779	92,656	.988	.442	.897	.00	.09	.01
3 a. SFcareer	80	2.42	2.33	2.40	2.30	.110	.010	.016	.003	.98	.93	.95	.94	9,508	3,765	92,511	.399	.840	.265	.09	.02	.12
b. SFotherwork	81	1.92	1.82	1.96	1.83	.112	.010	.016	.003	1.00	.94	.98	.95	9,458	3,740	91,972	.328	.754	.377	.11	-.04	.10
c. SFdiscuss	80	2.13	2.01	2.13	2.03	.107	.009	.016	.003	.96	.91	.93	.93	9,359	3,682	90,832	.238	.957	.310	.13	.01	.11
d. SFperform	79	2.29	2.10	2.27	2.16	.111	.009	.015	.003	.99	.90	.91	.91	79	3,682	90,783	.092	.783	.194	.21	.03	.15
4 a. memorize	79	3.00	2.90	2.87	2.89	.093	.008	.014	.003	.83	.80	.82	.82	9,266	3,648	89,986	.252	.168	.243	.13	.16	.13
b. HOapply	78	2.83	2.93	2.85	2.91	.095	.008	.014	.003	.84	.79	.81	.81	79	3,613	89,316	.279	.810	.367	-.13	-.03	-.10
c. HOanalyze	79	2.94	2.89	2.86	2.91	.088	.009	.014	.003	.78	.81	.82	.81	9,078	3,565	88,130	.597	.379	.691	.06	.10	.04
d. HOevaluate	77	3.01	2.86	2.89	2.91	.094	.009	.014	.003	.82	.81	.81	.81	9,018	3,535	87,516	.126	.203	.294	.18	.15	.12
e. HOform	76	3.00	2.89	2.88	2.92	.090	.008	.014	.003	.79	.79	.80	.80	8,974	3,504	86,996	.265	.229	.397	.13	.14	.10
5 a. ETgoals	76	3.10	3.05	3.04	3.05	.085	.008	.014	.003	.74	.75	.80	.79	8,880	3,481	86,347	.544	.466	.561	.07	.08	.07
b. ETorganize	75	3.01	2.97	2.98	2.97	.096	.009	.014	.003	.83	.81	.84	.84	8,864	3,462	85,979	.655	.775	.671	.05	.03	.05
c. ETexample	73	3.11	3.02	3.01	3.00	.090	.009	.014	.003	.77	.80	.84	.83	8,839	3,458	85,795	.339	.308	.264	.11	.12	.13
d. ETdraftfb	75	2.98	2.79	2.89	2.83	.102	.010	.015	.003	.88	.90	.90	.91	8,811	3,447	85,549	.070	.354	.146	.21	.11	.17
e. ETfeedback	75	2.84	2.69	2.79	2.74	.106	.010	.015	.003	.91	.89	.89	.91	8,751	3,444	85,035	.154	.669	.355	.17	.05	.11
f. etcriteria	72	3.09	2.98	3.00	2.99	.096	.009	.014	.003	.81	.81	.83	.83	8,695	3,412	84,492	.258	.402	.321	.13	.10	.12
g. etreview	73	3.05	2.97	2.98	2.98	.087	.009	.014	.003	.75	.79	.81	.80	8,663	3,398	84,200	.380	.449	.455	.10	.09	.09
h. etprefer	75	2.68	2.63	2.70	2.66	.106	.009	.015	.003	.92	.84	.88	.87	8,644	3,384	83,982	.578	.831	.853	.06	-.02	.02
i. etdemonstrate	73	3.12	3.11	3.08	3.08	.089	.008	.014	.003	.76	.78	.81	.80	8,622	3,385	83,782	.862	.664	.666	.02	.05	.05

# NSSE 2023 Frequencies and Statistical Comparisons

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

### Miami University-Hamilton

#### 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>		
	Miami-Hamilton	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023
6 a. QRconclude	70	2.72	2.63	2.61	2.62	.106	.009	.015	.003	.89	.86	.87	.87	8,456	3,333	82,219	.382	.334	.345	.10	.12	.11
b. QRproblem	72	2.58	2.40	2.40	2.41	.112	.010	.016	.003	.95	.91	.92	.92	8,413	3,305	81,756	.090	.099	.104	.20	.20	.19
c. QRevaluate	72	2.47	2.39	2.37	2.39	.111	.010	.016	.003	.94	.87	.89	.90	8,370	3,299	81,290	.447	.321	.419	.09	.12	.10
7 a. wrshortnum	72	6.15	6.46	6.60	6.51	.722	.063	.103	.020	6.12	5.77	5.87	5.78	8,346	3,290	81,103	.647	.522	.602	-.05	-.08	-.06
b. wrmednum	70	2.26	2.19	2.40	2.45	.407	.038	.065	.013	3.39	3.48	3.66	3.74	8,316	3,275	80,704	.871	.764	.675	.02	-.04	-.05
c. wrlongnum	70	1.08	.99	1.18	1.17	.343	.034	.058	.012	2.86	3.07	3.28	3.37	8,329	3,284	80,766	.809	.796	.810	.03	-.03	-.03
— wrpages	70	52.47	51.38	55.96	56.23	8.765	.849	1.439	.295	73.15	76.97	81.20	83.54	8,279	3,253	80,226	.906	.722	.707	.01	-.04	-.05
8 a. DDrace	70	2.97	2.98	2.94	2.99	.096	.010	.016	.003	.81	.88	.93	.92	8,313	74	70	.925	.791	.812	-.01	.03	-.02
b. DDeconomic	70	2.89	2.99	2.95	2.97	.105	.009	.016	.003	.87	.85	.90	.89	8,289	3,262	80,534	.318	.590	.441	-.12	-.07	-.09
c. DDreligion	70	2.75	2.92	2.85	2.88	.112	.010	.017	.003	.94	.90	.94	.94	8,288	3,253	80,480	.104	.380	.229	-.19	-.11	-.14
d. DDpolitical	69	2.71	2.85	2.83	2.77	.121	.010	.017	.003	1.01	.91	.94	.95	8,272	3,257	80,412	.181	.282	.572	-.16	-.13	-.07
e. ddsexorient	70	2.69	2.89	2.70	2.81	.122	.010	.018	.003	1.03	.94	.99	.98	8,273	3,256	80,367	.078	.907	.283	-.21	-.01	-.13
f. ddcountry	70	2.87	2.57	2.59	2.62	.116	.010	.017	.003	.98	.95	.98	.97	8,282	3,261	80,470	.009	.020	.033	.31	.28	.25
9 a. LSreading	68	3.08	2.94	2.92	2.97	.078	.009	.014	.003	.65	.77	.78	.78	8,222	72	79,844	.126	.043	.231	.19	.21	.14
b. LSnotes	70	2.99	2.89	2.87	2.90	.107	.010	.015	.003	.90	.87	.87	.88	8,226	3,243	79,804	.324	.264	.403	.12	.14	.10
c. LSsummary	69	2.99	2.83	2.82	2.85	.102	.009	.015	.003	.85	.85	.85	.85	8,215	3,236	79,766	.114	.096	.183	.19	.20	.16
10 challenge	70	5.25	5.32	5.31	5.36	.150	.013	.023	.004	1.25	1.20	1.29	1.25	8,173	3,221	79,222	.643	.720	.492	-.06	-.04	-.08
11 a. intern <sup>l</sup>	66	10%	8%	8%	8%	.037	.003	.005	.001	--	--	--	--	--	--	--	.517	.562	.491	.08	.07	.08
b. leader <sup>l</sup>	67	12%	10%	11%	10%	.040	.003	.006	.001	--	--	--	--	--	--	--	.555	.649	.588	.07	.05	.06
c. learncom <sup>l</sup>	66	8%	17%	11%	11%	.034	.004	.006	.001	--	--	--	--	--	--	--	.051	.502	.398	-.28	-.09	-.11
d. abroad <sup>l</sup>	67	3%	3%	2%	3%	.022	.002	.003	.001	--	--	--	--	--	--	--	.788	.634	.782	.03	.05	.03
e. research <sup>l</sup>	67	4%	5%	6%	5%	.023	.003	.004	.001	--	--	--	--	--	--	--	.526	.442	.546	-.08	-.11	-.08
f. capstone <sup>l</sup>	67	0%	2%	3%	2%	.000	.002	.003	.001	--	--	--	--	--	--	--	.229	.178	.207	-.29	-.33	-.31
12 servcourse	66	1.64	1.60	1.73	1.64	.084	.008	.013	.003	.69	.71	.75	.72	8,039	3,156	77,757	.664	.343	.984	.05	-.12	.00
13 a. Qlstudent	67	5.12	5.38	5.39	5.37	.167	.015	.026	.005	1.37	1.30	1.42	1.37	7,958	3,090	75,769	.107	.127	.133	-.20	-.19	-.18
b. Qladvisor	66	5.44	5.45	5.50	5.40	.214	.017	.028	.006	1.74	1.52	1.55	1.58	7,939	3,080	76,181	.962	.747	.828	-.01	-.04	.03
c. Qlfaculty	65	5.59	5.38	5.48	5.41	.180	.014	.025	.005	1.46	1.28	1.39	1.35	7,932	3,088	76,489	.174	.505	.284	.17	.08	.13
d. Qlstaff	40	5.45	5.17	5.20	5.16	.254	.018	.031	.006	1.60	1.53	1.61	1.58	7,126	2,779	68,767	.236	.320	.247	.19	.16	.18
e. Qladmin	52	5.68	5.14	5.30	5.15	.189	.018	.029	.006	1.36	1.51	1.57	1.58	7,151	2,963	70,943	.010	.086	.015	.36	.24	.34

# NSSE 2023 Frequencies and Statistical Comparisons

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

### Miami University-Hamilton

#### 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>		
	Miami-Hamilton	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023
14 a. empstudy	66	3.15	3.03	3.01	3.05	.090	.008	.014	.003	.73	.75	.78	.76	8,005	3,132	77,484	.181	.143	.247	.17	.18	.14
b. SEacademic	65	3.02	2.94	2.96	2.94	.102	.009	.016	.003	.82	.81	.86	.84	7,981	3,124	77,271	.427	.556	.443	.10	.07	.09
c. SElearnsup	67	3.07	3.00	2.98	2.99	.100	.010	.017	.003	.82	.88	.93	.91	7,976	3,118	77,189	.486	.405	.468	.09	.10	.09
d. SEdiverse	66	2.87	2.73	2.72	2.72	.108	.010	.017	.003	.88	.93	.95	.94	7,960	68	65	.231	.175	.170	.15	.16	.16
e. SEsocial	65	2.89	2.94	2.92	2.89	.107	.010	.016	.003	.86	.85	.90	.89	7,950	3,112	76,982	.624	.782	.941	-.06	-.03	-.01
f. SEwellness	67	2.72	2.86	2.83	2.82	.115	.010	.017	.003	.94	.88	.92	.91	7,952	3,106	76,892	.197	.317	.347	-.16	-.12	-.12
g. SEonacad	65	2.24	2.24	2.34	2.28	.128	.011	.018	.003	1.03	.94	.98	.97	7,930	3,099	76,763	.998	.437	.737	.00	-.10	-.04
h. SEactivities	67	2.62	2.80	2.84	2.76	.132	.010	.017	.003	1.08	.91	.94	.95	67	68	66	.177	.093	.292	-.20	-.24	-.15
i. SEevents	67	2.50	2.42	2.44	2.41	.125	.010	.018	.003	1.03	.93	.97	.96	7,931	3,100	76,691	.505	.645	.476	.08	.06	.09
15 a. sbmyself	67	3.10	3.19	3.18	3.20	.085	.008	.013	.002	.69	.68	.72	.69	7,911	3,096	76,670	.257	.326	.208	-.14	-.12	-.15
b. sbvalued	67	3.06	2.91	2.99	2.96	.085	.008	.014	.003	.70	.75	.76	.75	7,901	3,088	76,557	.111	.461	.259	.20	.09	.14
c. sbcommunity	67	2.93	2.94	2.99	2.96	.091	.009	.014	.003	.74	.76	.78	.77	7,910	3,098	76,628	.942	.529	.755	-.01	-.08	-.04
16 a. tmprephrs	66	15.46	15.13	13.78	14.85	.930	.092	.149	.030	7.56	8.12	8.20	8.18	7,889	3,080	76,379	.740	.099	.540	.04	.21	.08
b. tmcocurrhrs	66	2.90	5.14	6.50	5.43	.627	.074	.145	.026	5.10	6.57	7.94	7.05	67	72	65	.001	.000	.000	-.34	-.46	-.36
c. tmworkonhrs	67	1.55	2.62	2.74	2.47	.577	.066	.115	.021	4.72	5.83	6.32	5.83	68	71	66	.070	.046	.114	-.18	-.19	-.16
d. tmworkoffhrs	67	13.17	6.24	6.84	6.56	1.506	.113	.192	.038	12.32	9.97	10.53	10.54	67	68	66	.000	.000	.000	.69	.60	.63
— tmworkhrs	67	14.72	8.85	9.54	9.01	1.615	.131	.224	.044	13.21	11.56	12.25	12.07	67	3,062	76,049	.001	.001	.000	.51	.42	.47
e. tmservicehrs	66	1.88	2.11	2.19	2.23	.471	.051	.081	.017	3.83	4.52	4.46	4.71	7,887	3,072	76,223	.675	.570	.539	-.05	-.07	-.08
f. tmrelaxhrs	67	12.04	13.16	11.78	12.32	1.055	.095	.155	.031	8.63	8.42	8.50	8.45	7,889	3,073	76,221	.277	.806	.785	-.13	.03	-.03
g. tmcarehrs	65	2.50	2.27	3.18	3.32	.753	.072	.134	.028	6.06	6.39	7.35	7.84	7,875	3,061	64	.778	.458	.282	.04	-.09	-.10
h. tmcommutehrs	66	5.94	3.83	3.97	3.92	.829	.062	.114	.022	6.74	5.53	6.27	5.98	66	3,067	76,233	.013	.012	.006	.38	.31	.34
17 reading	66	2.60	2.49	2.59	2.63	.142	.012	.020	.004	1.15	1.06	1.08	1.10	7,865	3,059	75,970	.409	.958	.828	.10	.01	-.03
— tmreadinghrs	65	6.44	6.02	5.97	6.40	.626	.061	.104	.021	5.05	5.41	5.66	5.74	7,830	3,046	75,653	.537	.505	.960	.08	.08	.01

# NSSE 2023 Frequencies and Statistical Comparisons

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

### Miami University-Hamilton

#### 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>		
	Miami-Hamilton	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Comparisons with:			Comparisons with:			Comparisons with:			
														Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	
18 a. pgwrite	66	2.90	2.74	2.86	2.82	.104	.010	.016	.003	.85	.88	.85	.87	7,861	3,051	75,959	.128	.704	.447	.19	.05	.09	
b. pgspeak	67	2.72	2.61	2.77	2.69	.109	.010	.017	.003	.90	.92	.90	.92	7,855	3,043	75,830	.364	.608	.808	.11	-.06	.03	
c. pgthink	64	3.21	3.06	3.07	3.08	.084	.009	.015	.003	.67	.79	.82	.80	7,854	3,043	75,849	.138	.167	.189	.19	.17	.16	
d. pganalyze	66	2.89	2.69	2.69	2.70	.108	.010	.017	.003	.87	.92	.94	.94	66	68	65	.065	.071	.076	.22	.21	.21	
e. pgwork	66	2.61	2.60	2.66	2.62	.124	.011	.017	.003	1.01	.95	.95	.96	7,852	3,045	75,847	.946	.657	.904	.01	-.06	-.01	
f. pgothers	65	2.77	2.82	2.86	2.81	.112	.010	.016	.003	.90	.87	.87	.89	7,848	3,046	75,841	.615	.405	.669	-.06	-.10	-.05	
g. pgvalues	65	2.72	2.66	2.74	2.71	.114	.010	.017	.003	.92	.93	.92	.93	7,842	3,040	75,767	.646	.833	.959	.06	-.03	.01	
h. pgdiverse	67	2.95	2.80	2.83	2.82	.109	.010	.017	.003	.89	.91	.93	.92	7,851	3,044	75,813	.174	.293	.241	.17	.13	.14	
i. pgprobolve	65	2.69	2.63	2.67	2.67	.124	.010	.017	.003	1.00	.91	.93	.93	7,865	3,045	75,890	.639	.863	.875	.06	.02	.02	
j. pgcitizen	66	2.66	2.62	2.66	2.65	.123	.011	.017	.003	1.00	.93	.95	.94	7,869	3,059	76,051	.730	.978	.947	.04	.00	.01	
19 evalexp	66	3.12	3.06	3.06	3.08	.097	.008	.014	.003	.79	.72	.78	.74	7,903	3,069	76,302	.518	.595	.709	.08	.07	.05	
20 sameinst	66	3.19	3.16	3.09	3.15	.087	.009	.015	.003	.71	.78	.84	.80	7,945	3,085	76,689	.751	.353	.687	.04	.12	.05	
21 retumexp <sup>l</sup>	66	93%	89%	84%	88%	.0320	.0035	.0067	.0012	--	--	--	--	--	--	--	.364	.051	.212	.12	.28	.17	

IPEDS: 204006

# NSSE 2023 Frequencies and Statistical Comparisons

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

### Miami University-Hamilton

#### 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>			
		Miami-Hamilton	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Comparisons with:			Comparisons with:			Comparisons with:		
															Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023
1 a. askquest	57	3.24	3.05	3.17	3.04	.103	.007	.013	.002	.78	.87	.85	.88	15,760	4,439	148,581	.091	.522	.093	.22	.09	.22	
b. CLaskhelp	57	2.39	2.45	2.44	2.39	.130	.008	.014	.003	.98	.95	.94	.97	15,726	4,414	148,035	.656	.685	.989	-.06	-.05	.00	
c. CLexplain	57	2.58	2.66	2.71	2.60	.127	.007	.014	.002	.96	.90	.93	.94	15,692	4,404	147,761	.486	.273	.844	-.09	-.15	-.03	
d. CLstudy	57	2.35	2.30	2.43	2.31	.134	.008	.016	.003	1.01	1.01	1.03	1.03	15,603	4,380	146,903	.687	.597	.742	.05	-.07	.04	
e. CLproject	57	2.99	2.86	2.80	2.75	.117	.007	.014	.003	.88	.92	.94	.98	56	58	56	.257	.116	.046	.15	.20	.24	
f. present	57	2.44	2.56	2.74	2.57	.124	.008	.015	.003	.94	.94	.95	.97	15,516	4,353	145,994	.340	.019	.333	-.13	-.31	-.13	
2 a. RIntegrate	57	3.05	2.97	2.95	2.93	.122	.007	.013	.002	.92	.84	.85	.86	15,346	4,305	144,535	.495	.379	.292	.09	.12	.14	
b. RIsocietal	56	2.84	2.81	2.83	2.82	.145	.008	.014	.002	1.08	.93	.91	.92	56	56	55	.853	.986	.886	.03	.00	.02	
c. RIdiverse	55	2.74	2.68	2.70	2.68	.139	.008	.015	.003	1.03	.98	.96	.98	15,100	4,251	142,642	.689	.764	.690	.05	.04	.05	
d. Rlownview	55	3.10	2.85	2.91	2.88	.109	.007	.013	.002	.81	.84	.84	.84	14,943	4,213	141,332	.033	.110	.056	.29	.22	.26	
e. Rlperspect	55	3.15	2.99	3.03	3.00	.122	.007	.013	.002	.90	.81	.81	.82	54	4,162	139,499	.186	.270	.161	.20	.15	.19	
f. Rlnewview	55	3.24	2.97	2.97	2.99	.108	.007	.013	.002	.80	.81	.81	.80	14,515	4,118	137,668	.015	.016	.021	.33	.33	.31	
g. Rlconnect	54	3.44	3.22	3.20	3.22	.090	.006	.012	.002	.66	.73	.74	.74	14,335	4,079	136,307	.031	.019	.028	.29	.32	.30	
3 a. SFcareer	54	2.57	2.41	2.66	2.43	.147	.008	.016	.003	1.08	.99	1.00	1.00	14,318	4,075	136,182	.214	.511	.296	.17	-.09	.14	
b. SFotherwork	54	2.10	1.95	2.18	1.97	.158	.009	.017	.003	1.16	1.02	1.07	1.04	14,251	4,064	135,548	.255	.616	.338	.16	-.07	.13	
c. SFdiscuss	54	2.36	2.13	2.34	2.15	.145	.008	.016	.003	1.07	.95	1.00	.98	54	4,022	134,451	.122	.901	.116	.24	.02	.21	
d. SFperform	54	2.64	2.12	2.42	2.21	.148	.008	.015	.003	1.09	.93	.96	.95	53	54	53	.001	.155	.005	.55	.22	.45	
4 a. memorize	54	2.83	2.73	2.77	2.75	.112	.008	.014	.002	.83	.90	.88	.90	14,059	3,999	133,576	.440	.657	.521	.11	.06	.09	
b. HOapply	52	3.30	3.10	3.07	3.08	.099	.007	.013	.002	.72	.79	.81	.80	13,986	3,982	132,902	.064	.047	.048	.26	.28	.27	
c. HOanalyze	52	3.32	3.04	3.04	3.05	.117	.007	.013	.002	.85	.82	.83	.82	13,834	3,933	131,641	.015	.018	.020	.34	.33	.32	
d. HOevaluate	51	3.26	2.92	3.01	2.98	.104	.008	.013	.002	.75	.88	.84	.86	13,750	3,909	130,986	.006	.037	.020	.38	.29	.32	
e. HOform	52	3.23	2.97	3.03	3.01	.104	.007	.013	.002	.75	.83	.81	.82	13,700	3,892	130,303	.029	.081	.056	.30	.24	.26	
5 a. ETgoals	51	3.53	3.14	3.18	3.15	.085	.007	.013	.002	.61	.78	.80	.79	13,607	3,871	129,504	.000	.002	.001	.50	.44	.48	
b. ETorganize	51	3.39	3.06	3.10	3.06	.105	.007	.014	.002	.75	.83	.84	.84	13,575	3,856	129,137	.005	.015	.006	.40	.34	.39	
c. ETexample	50	3.46	3.11	3.14	3.09	.095	.007	.014	.002	.67	.83	.83	.85	13,542	3,841	128,893	.003	.007	.002	.42	.38	.43	
d. ETdraftfb	51	3.07	2.82	2.96	2.85	.119	.008	.015	.003	.85	.97	.93	.96	13,527	3,839	128,655	.062	.413	.103	.26	.12	.23	
e. ETfeedback	51	3.05	2.81	2.94	2.85	.117	.008	.015	.003	.84	.91	.91	.92	13,451	3,813	128,078	.062	.405	.117	.26	.12	.22	
f. etcriteria	50	3.26	3.05	3.12	3.08	.100	.007	.014	.002	.71	.83	.84	.84	13,399	3,801	127,489	.080	.255	.125	.25	.16	.22	
g. etreview	50	3.33	3.06	3.11	3.07	.098	.007	.013	.002	.69	.81	.81	.82	13,338	3,787	127,086	.017	.060	.023	.34	.27	.32	
h. etprefer	50	2.98	2.77	2.86	2.79	.116	.008	.015	.003	.82	.89	.90	.90	13,330	3,772	126,901	.095	.367	.134	.24	.13	.21	
i. etdemonstrate	49	3.43	3.15	3.20	3.15	.102	.007	.013	.002	.71	.80	.79	.81	13,299	3,773	126,761	.014	.045	.014	.35	.29	.35	

# NSSE 2023 Frequencies and Statistical Comparisons

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

### Miami University-Hamilton

#### 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>			
		Miami-Hamilton	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Comparisons with:			Comparisons with:			Comparisons with:		
															Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023
6 a. QRconclude	48	2.89	2.67	2.72	2.69	.137	.008	.015	.003	.95	.91	.92	.92	13,097	3,721	124,963	.104	.204	.141	.24	.18	.21	
b. QRproblem	46	2.97	2.49	2.56	2.52	.136	.008	.016	.003	.92	.96	.96	.97	13,062	3,712	124,453	.001	.004	.002	.50	.43	.47	
c. QRevaluate	46	2.83	2.49	2.51	2.50	.137	.008	.016	.003	.93	.93	.95	.94	12,970	3,687	123,834	.015	.025	.020	.36	.33	.34	
7 a. wrshortnum	45	7.42	7.52	7.57	7.56	1.090	.059	.110	.019	7.28	6.74	6.66	6.66	12,938	3,682	123,515	.924	.883	.887	-.01	-.02	-.02	
b. wrmednum	45	3.44	3.22	3.57	3.61	.826	.038	.076	.013	5.52	4.34	4.56	4.64	12,891	3,666	123,028	.737	.851	.806	.05	-.03	-.04	
c. wrlongnum	45	1.90	1.77	2.05	2.05	.531	.033	.067	.011	3.55	3.73	4.01	4.03	12,910	3,666	123,269	.823	.807	.803	.03	-.04	-.04	
— wrpages	45	78.23	74.50	81.32	81.79	16.178	.838	1.690	.292	108.12	94.74	101.33	102.06	12,833	3,639	122,298	.793	.839	.816	.04	-.03	-.03	
8 a. DDrace	45	3.28	2.96	3.01	3.02	.127	.008	.016	.003	.85	.92	.94	.93	12,905	3,670	123,203	.022	.059	.066	.34	.28	.28	
b. DDeconomic	45	3.39	3.00	3.03	3.01	.115	.008	.015	.003	.77	.87	.89	.90	12,885	3,658	122,926	.003	.008	.004	.44	.40	.43	
c. DDreligion	45	3.05	2.91	2.93	2.90	.133	.008	.016	.003	.89	.92	.95	.95	12,868	3,663	122,852	.334	.393	.303	.14	.13	.15	
d. DDpolitical	45	3.27	2.84	2.94	2.83	.115	.008	.016	.003	.77	.93	.94	.96	12,853	3,651	122,793	.002	.022	.002	.46	.35	.46	
e. ddsexorient	45	3.07	2.86	2.77	2.81	.129	.008	.017	.003	.86	.96	.99	.98	12,846	45	44	.137	.025	.051	.22	.30	.26	
f. ddcountry	45	3.04	2.58	2.62	2.65	.131	.009	.017	.003	.88	.97	.99	.98	44	45	44	.001	.002	.005	.48	.43	.40	
9 a. LSreading	45	3.48	3.04	3.08	3.08	.104	.007	.014	.002	.70	.83	.81	.82	12,806	3,638	122,154	.000	.001	.001	.53	.49	.49	
b. LSnotes	45	3.30	2.83	2.92	2.89	.110	.008	.015	.003	.73	.94	.92	.92	12,805	3,634	122,095	.001	.007	.003	.50	.41	.45	
c. LSsummary	45	3.23	2.86	2.96	2.91	.107	.008	.015	.003	.71	.89	.88	.88	12,803	3,623	121,997	.006	.047	.016	.41	.30	.36	
10 challenge	44	6.05	5.47	5.52	5.52	.184	.012	.022	.004	1.22	1.31	1.34	1.32	12,716	3,610	121,224	.004	.010	.008	.44	.39	.40	
11 a. intern <sup>l</sup>	45	56%	54%	53%	48%	.0751	.0044	.0084	.0014	--	--	--	--	--	--	--	.810	.720	.293	.04	.05	.16	
b. leader <sup>l</sup>	45	25%	34%	37%	32%	.0653	.0042	.0081	.0013	--	--	--	--	--	--	--	.178	.082	.275	-.21	-.27	-.17	
c. learncom <sup>l</sup>	45	26%	26%	26%	22%	.0666	.0039	.0074	.0012	--	--	--	--	--	--	--	.983	1.000	.521	.00	.00	.09	
d. abroad <sup>l</sup>	43	4%	9%	7%	8%	.0285	.0025	.0043	.0008	--	--	--	--	--	--	--	.218	.352	.242	-.23	-.17	-.21	
e. research <sup>l</sup>	45	21%	23%	27%	23%	.0621	.0037	.0074	.0012	--	--	--	--	--	--	--	.836	.430	.864	-.03	-.12	-.03	
f. capstone <sup>l</sup>	45	54%	47%	55%	46%	.0754	.0044	.0084	.0014	--	--	--	--	--	--	--	.304	.954	.242	.15	-.01	.17	
12 servcourse	45	1.87	1.68	1.86	1.75	.137	.006	.013	.002	.91	.71	.77	.74	12,606	3,557	119,787	.074	.968	.274	.27	.01	.16	
13 a. Qlstudent	44	5.56	5.60	5.66	5.59	.176	.012	.023	.004	1.17	1.31	1.34	1.36	12,438	3,474	116,420	.834	.616	.883	-.03	-.08	-.02	
b. Qladvisor	44	5.46	5.14	5.61	5.27	.245	.016	.028	.005	1.63	1.76	1.63	1.76	12,450	3,518	117,757	.239	.535	.476	.18	-.09	.11	
c. Qlfaculty	45	5.71	5.46	5.67	5.53	.195	.012	.024	.004	1.30	1.38	1.39	1.40	12,513	3,520	118,438	.210	.846	.378	.19	.03	.13	
d. Qlstaff	36	5.57	5.00	5.12	5.04	.257	.017	.032	.006	1.53	1.67	1.72	1.72	10,099	2,936	96,872	.041	.119	.067	.34	.26	.31	
e. Qladmin	42	5.49	5.00	5.20	5.04	.237	.016	.029	.005	1.54	1.66	1.70	1.72	11,218	3,384	109,714	.056	.273	.088	.29	.17	.26	

# NSSE 2023 Frequencies and Statistical Comparisons

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

### Miami University-Hamilton

#### 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>			
		Miami-Hamilton	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Comparisons with:			Comparisons with:			Comparisons with:		
															Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023
14 a. empstudy	45	3.29	3.09	3.09	3.10	.119	.007	.013	.002	.80	.77	.78	.78	12,571	3,547	119,487	.093	.096	.113	.25	.25	.24	
b. SEacademic	45	3.20	2.84	2.95	2.88	.129	.008	.015	.003	.86	.85	.87	.88	12,549	3,542	119,302	.005	.066	.016	.42	.28	.36	
c. SElearnsup	45	3.03	2.76	2.86	2.81	.150	.008	.016	.003	1.00	.94	.96	.95	12,540	3,533	119,137	.050	.225	.125	.29	.18	.23	
d. SEdiverse	44	2.92	2.57	2.66	2.62	.152	.009	.017	.003	1.01	.97	1.00	.99	12,515	3,534	118,956	.020	.092	.048	.35	.26	.30	
e. SEsocial	45	3.17	2.81	2.86	2.78	.131	.008	.016	.003	.88	.91	.92	.93	12,494	3,533	118,866	.009	.027	.006	.39	.33	.41	
f. SEwellness	45	3.04	2.68	2.75	2.69	.138	.009	.016	.003	.93	.95	.96	.96	44	45	44	.015	.048	.015	.37	.29	.37	
g. SEonacad	45	2.37	2.03	2.21	2.12	.158	.009	.017	.003	1.06	.96	1.03	1.00	12,481	3,523	118,652	.018	.297	.093	.36	.16	.25	
h. SEactivities	45	2.86	2.61	2.71	2.58	.150	.009	.017	.003	1.00	.96	.98	1.00	12,466	3,511	118,463	.085	.308	.061	.26	.15	.28	
i. SEevents	45	2.82	2.30	2.37	2.31	.149	.008	.017	.003	.99	.94	.99	.98	12,455	3,515	118,466	.000	.002	.000	.56	.46	.53	
15 a. sbmyself	45	3.39	3.26	3.29	3.27	.107	.007	.013	.002	.71	.73	.74	.73	12,444	3,518	118,552	.227	.395	.278	.18	.13	.16	
b. sbvalued	45	3.22	2.84	3.00	2.92	.113	.008	.014	.002	.76	.85	.85	.85	12,448	3,515	118,469	.003	.094	.019	.44	.25	.35	
c. sbcommunity	45	3.07	2.91	3.02	2.94	.111	.007	.014	.002	.74	.83	.84	.84	12,448	3,520	118,586	.186	.690	.296	.20	.06	.16	
16 a. tmprephrs	45	18.60	15.81	14.90	15.67	1.289	.079	.149	.026	8.62	8.83	8.77	8.81	12,437	3,513	118,226	.035	.005	.027	.32	.42	.33	
b. tmcocurrhrs	44	1.77	4.71	6.01	4.96	.405	.061	.139	.021	2.69	6.81	8.18	7.25	45	54	43	.000	.000	.000	-.43	-.52	-.44	
c. tmworkonhrs	45	4.69	3.57	3.49	3.34	1.547	.063	.117	.020	10.34	7.06	6.90	6.85	44	44	44	.474	.444	.386	.16	.17	.20	
d. tmworkoffhrs	45	18.93	12.49	12.94	12.99	1.972	.115	.226	.039	13.18	12.78	13.30	13.26	12,435	3,508	118,104	.001	.003	.003	.50	.45	.45	
— tmworkhrs	45	23.63	16.05	16.42	16.30	2.003	.115	.231	.039	13.39	12.74	13.57	13.53	12,393	3,500	117,702	.000	.000	.000	.59	.53	.54	
e. tmservicehrs	45	3.13	2.54	2.95	2.94	.710	.045	.093	.016	4.75	4.97	5.46	5.50	12,418	3,508	118,006	.427	.820	.816	.12	.03	.03	
f. tmrelaxhrs	45	10.24	11.96	10.58	11.11	1.313	.075	.139	.024	8.77	8.38	8.17	8.21	12,417	3,504	118,003	.171	.784	.477	-.21	-.04	-.11	
g. tmcarehrs	45	8.67	4.64	6.37	6.14	1.878	.089	.189	.032	12.55	9.92	11.13	11.04	44	3,503	117,906	.038	.170	.125	.41	.21	.23	
h. tmcommutehrs	45	4.67	4.34	4.48	4.54	.861	.046	.107	.017	5.75	5.08	6.31	5.84	12,428	3,509	118,078	.669	.840	.885	.06	.03	.02	
17 reading	44	2.92	2.60	2.74	2.76	.167	.010	.020	.003	1.11	1.16	1.16	1.17	12,387	3,497	117,613	.061	.292	.356	.28	.16	.14	
— tmreadinghrs	44	9.32	6.61	6.94	7.23	1.060	.054	.109	.019	7.03	5.98	6.38	6.42	12,339	3,490	117,184	.003	.014	.031	.45	.37	.32	



# NSSE 2023 Frequencies and Statistical Comparisons

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

### Miami University-Hamilton

#### 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>		
	Miami-Hamilton	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Miami-Hamilton	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023
18 a. pgwrite	45	3.26	2.97	3.07	3.04	.121	.008	.015	.003	.81	.88	.86	.88	12,377	3,500	117,806	.026	.145	.086	.33	.22	.26
b. pgspeak	45	3.02	2.86	3.03	2.93	.127	.008	.015	.003	.85	.94	.89	.93	44	3,498	117,689	.221	.925	.526	.17	-.01	.09
c. pgthink	45	3.37	3.29	3.30	3.30	.108	.007	.013	.002	.72	.79	.79	.79	12,380	3,493	117,705	.524	.556	.545	.10	.09	.09
d. pganalyze	45	3.00	2.91	2.92	2.93	.147	.009	.016	.003	.98	.96	.94	.96	12,369	3,492	117,683	.546	.590	.603	.09	.08	.08
e. pgwork	45	3.05	2.96	3.03	2.96	.138	.009	.016	.003	.92	.95	.94	.95	12,383	3,498	117,721	.529	.888	.528	.09	.02	.09
f. pgothers	45	3.09	3.05	3.10	3.04	.126	.008	.015	.003	.84	.88	.87	.89	12,378	3,496	117,668	.750	.963	.718	.05	-.01	.05
g. pgvalues	44	2.82	2.79	2.97	2.86	.148	.009	.016	.003	.98	.99	.94	.98	12,377	3,496	117,627	.854	.289	.742	.03	-.16	-.05
h. pgdiverse	45	2.95	2.87	2.92	2.90	.133	.009	.016	.003	.89	.95	.96	.96	12,361	3,495	117,636	.562	.839	.727	.09	.03	.05
i. pgprobsolve	45	3.12	2.87	2.90	2.88	.114	.008	.016	.003	.76	.94	.94	.95	44	45	44	.035	.064	.045	.27	.23	.25
j. pgcitizen	45	2.92	2.71	2.80	2.75	.141	.009	.017	.003	.95	.99	.98	.99	12,406	3,503	117,844	.138	.380	.244	.22	.13	.17
19 evalexp	45	3.42	3.15	3.21	3.18	.099	.007	.014	.002	.67	.79	.80	.79	12,428	3,511	118,203	.021	.073	.040	.34	.27	.30
20 sameinst	47	3.37	3.18	3.15	3.17	.109	.008	.015	.002	.75	.84	.89	.86	12,485	3,537	118,706	.121	.092	.110	.23	.25	.23

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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."