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# NSSE 2021

## Frequencies and Statistical Comparisons

Miami University-Middletown


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# NSSE 2021 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 survey 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 tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests. Exceptions are items 11 a-f which are compared using a  $z$ -test.



### NSSE Frequencies and Statistical Comparisons

NSSEville State University

		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. During the current school year, about how often have you done the following?</b>																			
<b>a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)</b>																			
	QRconclude	1	Never	3	0	244	2	54	2	6,952	3	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
		2	Sometimes	135	20	4,397	27	845	29	75,222	33								
		3	Often	212	33	5,947	37	1,086	38	81,724	35								
		4	Very often	280	46	5,440	34	889	31	66,983	29								
			Total	630	100	16,028	100	2,874	100	230,881	100								
<b>b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)</b>																			
	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
		2	Sometimes	267	42	5,959	37	978	34	79,495	34								
		3	Often	164	26	4,548	29	858	31	67,348	29								
		4	Very often	113	19	3,072	20	611	22	47,208	21								
			Total	626	100	19,948	100	2,851	100	229,541	100								
<b>c. Evaluated what others have concluded from numerical information</b>																			
	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6	3.1	3.1	.02	3.1	-.04	3.0	.06	
		2	Sometimes	56	9	1,666	11	262	10	28,134	13								
		3	Often	384	63	9,147	57	1,586	57	128,802	56								
		4	Very often	150	24	4,267	27	851	29	58,873	26								
			Total	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. A positive effect size indicates that your institution's mean was greater than that of the comparison group, thus showing a favorable result for your institution. A negative effect size indicates your institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention. Effect sizes for independent  $t$ -tests use Cohen's  $d$ ;  $z$ -tests use Cohen's  $h$ . Cohen's  $d$  is calculated by dividing the mean difference by the pooled standard deviation. Cohen's  $h$  is calculated by taking the difference in the proportion of students who responded "Done or in progress" after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences (2nd edition)*. New York: Psychology Press.

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

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

# NSSE 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	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	790	3	222	3	7,978	4	<b>2.9</b>	2.8	.13	2.9	.00	2.8	.11
		2	Sometimes	32	41	9,525	39	3,013	33	82,194	37							
		3	Often	24	30	8,851	36	3,638	38	77,726	35							
		4	Very often	23	29	5,565	22	2,471	26	53,755	24							
		Total		79	100	24,731	100	9,344	100	221,653	100							
b. Asked another student to help you understand course material	CLaskhelp	1	Never	19	25	3,186	13	1,070	14	29,838	15	<b>2.2</b>	2.5 **	-0.33	2.5 **	-0.31	2.4 *	-0.28
		2	Sometimes	33	43	10,001	40	3,730	41	86,608	40							
		3	Often	17	21	7,697	32	3,012	31	68,682	30							
		4	Very often	9	11	3,749	15	1,477	15	35,155	15							
		Total		78	100	24,633	100	9,289	100	220,283	100							
c. Explained course material to one or more students	CLexplain	1	Never	12	15	2,240	9	753	9	22,272	11	<b>2.2</b>	2.6 ***	-0.41	2.6 ***	-0.38	2.5 **	-0.34
		2	Sometimes	44	57	10,086	40	3,820	41	87,713	40							
		3	Often	15	19	8,658	36	3,220	34	75,826	33							
		4	Very often	7	9	3,574	15	1,475	16	33,990	15							
		Total		78	100	24,558	100	9,268	100	219,801	100							
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	34	44	5,558	22	1,764	21	47,168	23	<b>1.9</b>	2.3 ***	-0.46	2.4 ***	-0.49	2.3 ***	-0.44
		2	Sometimes	27	34	8,904	36	3,225	36	76,672	35							
		3	Often	8	10	6,650	28	2,730	28	60,795	27							
		4	Very often	9	11	3,333	14	1,500	16	33,966	15							
		Total		78	100	24,445	100	9,219	100	218,601	100							
e. Worked with other students on course projects or assignments	CLproject	1	Never	15	19	2,745	11	906	11	26,739	14	<b>2.3</b>	2.5 *	-0.26	2.6 **	-0.32	2.5	-0.22
		2	Sometimes	35	46	10,098	41	3,366	36	83,631	39							
		3	Often	16	21	7,936	33	3,312	36	72,318	32							
		4	Very often	11	14	3,544	15	1,558	16	34,619	15							
		Total		77	100	24,323	100	9,142	100	217,307	100							
f. Given a course presentation	present	1	Never	36	47	5,898	24	1,634	19	49,390	24	<b>1.8</b>	2.1 **	-0.33	2.3 ***	-0.50	2.2 **	-0.35
		2	Sometimes	24	32	11,149	46	3,940	42	96,881	44							
		3	Often	9	12	5,287	22	2,508	27	50,419	22							
		4	Very often	8	10	1,950	8	1,040	11	20,281	9							
		Total		77	100	24,284	100	9,122	100	216,971	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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- Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami- Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				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	RIntegrate	1	Never	3	3	2,115	9	846	10	20,928	11	<b>2.7</b>	2.6	.14	2.5	.16	2.5	.17
		2	Sometimes	32	43	9,598	40	3,557	40	85,171	40							
		3	Often	28	37	8,904	37	3,291	36	76,997	35							
		4	Very often	13	17	3,342	14	1,284	14	30,482	14							
		Total		76	100	23,959	100	8,978	100	213,578	100							
b. Connected your learning to societal problems or issues	RSocietal	1	Never	3	4	2,327	10	886	12	20,826	11	<b>2.7</b>	2.5	.13	2.5	.15	2.6	.12
		2	Sometimes	30	42	9,289	39	3,497	38	80,323	38							
		3	Often	28	36	8,480	35	3,126	34	75,719	35							
		4	Very often	13	17	3,631	15	1,380	16	34,790	16							
		Total		74	100	23,727	100	8,889	100	211,658	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	6	9	2,602	12	957	13	22,299	12	<b>2.7</b>	2.6	.17	2.5	.17	2.6	.14
		2	Sometimes	28	39	8,877	38	3,264	37	76,567	37							
		3	Often	18	24	8,096	34	3,012	32	73,083	34							
		4	Very often	20	27	3,947	16	1,558	18	37,728	17							
		Total		72	100	23,522	100	8,791	100	209,677	100							
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	1	2	1,165	5	416	6	10,183	5	<b>2.9</b>	2.7	.15	2.7	.14	2.8	.12
		2	Sometimes	18	24	7,714	33	2,750	32	65,811	32							
		3	Often	41	60	10,334	44	3,914	44	92,209	44							
		4	Very often	10	14	4,042	18	1,615	18	38,868	19							
		Total		70	100	23,255	100	8,695	100	207,071	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	2	3	688	3	252	3	6,210	3	<b>3.0</b>	2.9	.12	2.9	.12	2.9	.10
		2	Sometimes	14	21	6,175	27	2,324	28	53,046	26							
		3	Often	36	50	10,749	46	4,014	45	94,790	46							
		4	Very often	18	26	5,293	23	1,983	24	49,641	24							
		Total		70	100	22,905	100	8,573	100	203,687	100							
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	2	3	773	4	294	4	6,381	4	<b>2.9</b>	2.8	.11	2.8	.12	2.8	.09
		2	Sometimes	17	25	6,957	31	2,660	32	60,521	31							
		3	Often	33	50	10,246	45	3,761	43	89,745	44							
		4	Very often	15	22	4,576	20	1,725	21	43,710	22							
		Total		67	100	22,552	100	8,440	100	200,357	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				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	RIconnect	1	Never	0	0	292	1	114	1	3,078	2	<b>3.1</b>	3.0	.17	3.0	.20	3.0	.17
		2	Sometimes	10	14	4,762	22	1,874	24	41,784	22							
		3	Often	35	57	11,275	50	4,119	48	97,950	49							
		4	Very often	19	29	5,916	27	2,229	27	54,864	28							
		Total		64	100	22,245	100	8,336	100	197,676	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	18	28	3,834	18	1,445	19	40,649	22	<b>2.2</b>	2.3	-.09	2.4	-.13	2.3	-.03
		2	Sometimes	22	34	9,940	45	3,487	41	85,652	43							
		3	Often	15	24	5,597	25	2,226	27	46,325	23							
		4	Very often	9	14	2,855	12	1,161	13	24,806	12							
		Total		64	100	22,226	100	8,319	100	197,432	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	27	42	11,260	51	3,717	47	100,341	52	<b>2.0</b>	1.7 *	.26	1.8	.14	1.7 *	.26
		2	Sometimes	21	33	6,720	31	2,703	31	58,417	29							
		3	Often	8	13	2,879	13	1,258	15	25,625	13							
		4	Very often	8	13	1,224	6	602	8	11,928	6							
		Total		64	100	22,083	100	8,280	100	196,311	100							
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	25	39	7,746	35	2,475	32	68,707	37	<b>1.9</b>	1.9	-.02	2.0	-.11	1.9	-.02
		2	Sometimes	25	41	9,074	42	3,444	40	78,223	39							
		3	Often	5	9	3,684	17	1,635	19	33,660	17							
		4	Very often	7	11	1,368	6	652	8	13,688	7							
		Total		62	100	21,872	100	8,206	100	194,278	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	17	27	5,754	27	1,732	22	51,499	27	<b>2.2</b>	2.1	.11	2.2	-.05	2.1	.08
		2	Sometimes	26	40	10,223	47	3,777	45	87,370	45							
		3	Often	13	21	4,292	19	1,917	23	39,561	20							
		4	Very often	7	11	1,578	7	764	9	15,786	8							
		Total		63	100	21,847	100	8,190	100	194,216	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	4	852	4	328	4	8,721	5	<b>2.8</b>	2.9	-.04	2.9	-.01	2.9	-.02
		2	Some	15	25	5,816	27	2,343	28	52,685	28							
		3	Quite a bit	34	54	9,931	46	3,753	46	85,748	44							
		4	Very much	11	17	5,113	23	1,725	22	45,606	23							
		Total		62	100	21,712	100	8,149	100	192,760	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				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	801	4	293	5	7,497	4	<b>2.9</b>	2.9	.04	2.8	.12	2.9	.05
		2	Some	14	24	5,777	26	2,340	30	50,123	26							
		3	Quite a bit	32	50	10,190	47	3,752	44	88,951	46							
		4	Very much	14	23	4,819	23	1,709	21	44,943	23							
		Total		62	100	21,587	100	8,094	100	191,514	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	1	1	864	4	307	5	7,461	4	<b>3.0</b>	2.9 *	.22	2.8 *	.24	2.9	.20
		2	Some	11	19	6,032	28	2,277	29	50,689	27							
		3	Quite a bit	34	54	9,641	45	3,610	44	84,601	44							
		4	Very much	16	26	4,811	23	1,817	23	46,514	24							
		Total		62	100	21,348	100	8,011	100	189,265	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	1	2	876	4	256	4	7,324	4	<b>3.1</b>	2.9 *	.29	2.9 *	.26	2.9	.24
		2	Some	12	20	5,860	28	2,174	28	48,855	26							
		3	Quite a bit	28	45	9,762	46	3,694	45	85,908	45							
		4	Very much	20	33	4,711	22	1,834	24	46,145	24							
		Total		61	100	21,209	100	7,958	100	188,232	100							
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	1	1	834	4	260	4	6,996	4	<b>3.1</b>	2.9 *	.27	2.9 *	.25	2.9	.23
		2	Some	11	18	5,799	28	2,195	28	48,972	27							
		3	Quite a bit	32	52	9,815	47	3,650	45	86,681	46							
		4	Very much	17	29	4,638	22	1,806	23	44,550	23							
		Total		61	100	21,086	100	7,911	100	187,199	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	509	3	180	3	4,543	3	<b>3.1</b>	3.0	.11	3.1	.07	3.0	.09
		2	Some	13	21	4,480	21	1,649	21	39,068	21							
		3	Quite a bit	28	46	9,859	47	3,533	44	84,573	45							
		4	Very much	20	33	6,077	29	2,504	33	57,618	31							
		Total		61	100	20,925	100	7,866	100	185,802	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	3	5	901	4	354	5	8,615	5	<b>2.9</b>	2.9	-.10	3.0	-.15	3.0	-.12
		2	Some	17	29	4,902	23	1,719	22	41,336	23							
		3	Quite a bit	25	42	9,664	46	3,472	43	82,273	44							
		4	Very much	15	24	5,400	26	2,293	30	52,928	29							
		Total		60	100	20,867	100	7,838	100	185,152	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				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	779	4	293	4	7,288	4	<b>2.9</b>	3.0	-.05	3.0	-.08	3.0	-.06
		2	Some	14	25	4,948	23	1,744	23	42,262	23							
		3	Quite a bit	32	51	9,201	44	3,336	41	78,726	42							
		4	Very much	14	22	5,900	29	2,458	32	56,516	30							
		Total		61	100	20,828	100	7,831	100	184,792	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	1	2	1,697	8	463	6	14,384	8	<b>3.0</b>	2.8 *	.25	2.9	.08	2.8	.19
		2	Some	16	27	6,327	31	2,080	26	53,410	29							
		3	Quite a bit	26	43	7,798	37	3,029	38	68,060	36							
		4	Very much	18	29	4,976	23	2,255	29	48,564	26							
		Total		61	100	20,798	100	7,827	100	184,418	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	1	2	1,845	9	577	7	16,440	9	<b>2.8</b>	2.7	.11	2.8	-.07	2.7	.05
		2	Some	23	40	7,083	34	2,257	29	58,419	32							
		3	Quite a bit	23	37	7,836	38	3,036	38	68,286	37							
		4	Very much	13	21	3,945	19	1,925	26	40,630	22							
		Total		60	100	20,709	100	7,795	100	183,775	100							
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	2	4	407	5	132	4	3,389	5	<b>2.9</b>	2.9	.02	3.0	-.11	3.0	-.05
		2	Some	14	24	2,258	25	761	22	18,276	23							
		3	Quite a bit	29	47	3,952	44	1,454	41	32,972	41							
		4	Very much	16	26	2,347	26	1,111	33	23,375	30							
		Total		61	100	8,964	100	3,458	100	78,012	100							
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	2	3	336	4	108	3	2,926	4	<b>2.9</b>	2.9	.01	3.0	-.10	2.9	-.02
		2	Some	17	29	2,289	25	773	23	18,725	24							
		3	Quite a bit	24	38	4,118	46	1,574	44	34,641	44							
		4	Very much	18	29	2,194	25	993	30	21,470	28							
		Total		61	100	8,937	100	3,448	100	77,762	100							
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	4	6	1,151	13	321	9	8,642	12	<b>2.5</b>	2.5	.03	2.7	-.18	2.6	-.07
		2	Some	31	52	3,472	39	1,166	33	27,636	35							
		3	Quite a bit	16	25	3,052	34	1,287	38	27,849	35							
		4	Very much	10	17	1,234	14	662	20	13,436	17							
		Total		61	100	8,909	100	3,436	100	77,563	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				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	0	0	261	3	90	3	2,463	4	<b>3.1</b>	3.1	.01	3.1	-.06	3.1	-.03
		2	Some	14	24	1,756	20	627	18	14,445	19							
		3	Quite a bit	28	46	3,989	45	1,493	43	33,539	43							
		4	Very much	19	30	2,889	32	1,212	36	26,934	35							
		Total		61	100	8,895	100	3,422	100	77,381	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	2	3	2,073	10	762	9	19,424	10	<b>2.7</b>	2.6	.15	2.6	.13	2.6	.14
		2	Sometimes	25	42	7,880	38	3,024	39	67,690	37							
		3	Often	23	38	7,527	38	2,753	37	65,608	37							
		4	Very often	10	18	2,837	15	1,093	15	27,306	16							
		Total		60	100	20,317	100	7,632	100	180,028	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public	QRproblem	1	Never	6	10	3,692	18	1,363	19	33,812	19	<b>2.5</b>	2.3	.21	2.4	.20	2.3	.20
		2	Sometimes	24	39	8,317	41	3,126	40	71,703	40							
		3	Often	23	39	5,944	30	2,242	29	52,359	29							
		4	Very often	7	12	2,236	11	860	12	21,143	12							
		Total		60	100	20,189	100	7,591	100	179,017	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	6	10	3,595	17	1,327	18	32,409	18	<b>2.5</b>	2.3	.15	2.3	.17	2.3	.15
		2	Sometimes	24	40	8,601	43	3,308	43	74,668	42							
		3	Often	25	42	6,025	31	2,201	29	52,663	30							
		4	Very often	4	7	1,897	10	714	10	18,479	11							
		Total		59	100	20,118	100	7,550	100	178,219	100							
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</b>																		
a. Up to 5 pages	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	3	5	1,248	6	422	7	11,661	7	<b>8.2</b>	6.4 *	.32	6.7	.25	6.5 *	.29
		1.5	1-2	10	15	4,387	22	1,428	19	35,210	20							
		4	3-5	16	27	6,568	33	2,394	32	57,011	32							
		8	6-10	16	27	4,334	21	1,688	22	39,836	22							
		13	11-15	5	8	1,883	10	836	10	17,873	10							
		18	16-20	4	7	752	4	330	4	7,444	4							
		23	More than 20	6	11	903	5	442	6	8,825	5							
Total		60	100	20,075	100	7,540	100	177,860	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021				
				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	22	37	7,641	39	2,623	38	66,325	39	<b>2.5</b>	2.2	.10	2.4	.03	2.3	.05	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	18	29	7,437	37	2,780	34	62,589	34								
		4	3-5	14	23	3,159	15	1,298	16	30,103	17								
		8	6-10	4	8	1,189	6	553	8	12,246	7								
		13	11-15	1	2	385	2	160	2	3,727	2								
		18	16-20	1	2	103	1	41	1	1,019	1								
		23	More than 20	0	0	131	1	59	1	1,275	1								
		Total			60	100	20,045	100	7,514	100	177,284	100							
c. 11 pages or more	wrlongnum	0	None	48	78	15,583	78	5,784	77	136,041	77	<b>1.0</b>	.9	.04	1.1	-.04	1.0	-.01	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	6	10	2,964	15	1,043	13	25,979	14								
		4	3-5	2	4	679	3	290	4	6,709	4								
		8	6-10	3	6	372	2	184	3	3,948	2								
		13	11-15	1	2	276	1	124	2	2,824	2								
		18	16-20	0	0	65	0	29	0	735	0								
		23	More than 20	0	0	107	1	56	1	1,173	1								
		Total			60	100	20,046	100	7,510	100	177,409	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>59.3</b>	49.1	.14	55.8	.04	52.7	.09	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	4	7	1,071	5	409	6	10,157	6	<b>2.6</b>	2.9 **	-.42	3.0 ***	-.44	3.0 ***	-.44	
		2	Sometimes	28	47	5,909	29	2,065	26	46,516	26								
		3	Often	18	30	6,576	33	2,450	33	56,624	32								
		4	Very often	10	16	6,441	33	2,570	35	63,928	36								
			Total	60	100	19,997	100	7,494	100	177,225	100								
b. People from an economic background other than your own	DDeconomic	1	Never	7	11	1,039	5	380	6	9,971	6	<b>2.6</b>	2.9 **	-.39	2.9 **	-.38	2.9 **	-.38	
		2	Sometimes	22	38	5,410	27	1,892	26	45,111	26								
		3	Often	19	32	7,589	38	2,801	37	63,955	36								
		4	Very often	12	20	5,914	30	2,405	32	57,727	32								
			Total	60	100	19,952	100	7,478	100	176,764	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021			
				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	3	5	1,368	7	703	9	14,966	9	<b>2.6</b>	2.9 *	-0.27	2.8	-0.13	2.8	-0.21
		2	Sometimes	26	45	5,664	28	2,427	32	50,337	28							
		3	Often	18	31	6,846	34	2,298	31	56,283	32							
		4	Very often	12	19	6,093	31	2,053	28	55,188	31							
		Total		59	100	19,971	100	7,481	100	176,774	100							
d. People with political views other than your own	DDpolitical	1	Never	4	6	1,350	7	549	8	14,983	9	<b>2.8</b>	2.9	-0.12	2.8	-0.07	2.8	-0.06
		2	Sometimes	20	34	6,031	30	2,241	30	54,418	30							
		3	Often	22	38	6,612	33	2,519	33	55,323	31							
		4	Very often	13	22	5,974	30	2,183	29	52,167	30							
		Total		59	100	19,967	100	7,492	100	176,891	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	438	2	156	2	3,828	2	<b>3.0</b>	3.0	.09	3.0	.09	3.0	.05
		2	Sometimes	12	20	4,797	24	1,783	25	39,997	23							
		3	Often	32	56	9,496	48	3,557	47	82,786	47							
		4	Very often	14	23	5,104	26	1,953	26	49,106	27							
		Total		58	100	19,835	100	7,449	100	175,717	100							
b. Reviewed your notes after class	LSnotes	1	Never	0	0	972	5	359	5	8,324	5	<b>2.9</b>	2.9	.08	2.9	.03	2.9	.04
		2	Sometimes	24	41	5,931	31	2,094	28	50,537	29							
		3	Often	15	25	7,194	36	2,833	39	63,865	36							
		4	Very often	20	34	5,717	28	2,147	28	52,775	29							
		Total		59	100	19,814	100	7,433	100	175,501	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	2	3	1,092	6	388	5	9,653	6	<b>2.9</b>	2.8	.09	2.8	.03	2.8	.05
		2	Sometimes	19	33	6,186	32	2,249	31	52,969	30							
		3	Often	21	37	7,822	40	2,931	39	68,496	39							
		4	Very often	16	27	4,706	23	1,875	26	44,427	25							
		Total		58	100	19,806	100	7,443	100	175,545	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
<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	160	1	55	1	1,444	1	<b>5.7</b>	5.3 * ▲	.32	5.4	.24	5.4	.25	
		2		0	0	264	1	79	1	2,209	1								
		3		1	2	1,066	6	320	5	8,170	5								
		4		7	13	2,591	13	899	14	21,549	13								
		5		18	31	6,902	35	2,470	32	58,073	33								
		6		10	19	4,912	25	1,817	23	43,833	24								
		7	Very much	21	34	3,792	19	1,762	24	39,106	22								
			Total	57	100	19,687	100	7,402	100	174,384	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a.	Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided	22	40	2,809	14	1,219	18	25,434	16	<b>2%</b>	6%	-.19	6%	-.18	6%	-.21	
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	2	3	1,047	6	458	7	9,454	6								
			Plan to do	31	55	14,669	74	5,243	69	127,874	72								
			Done or in progress	1	2	1,124	6	450	6	11,153	6								
			Total	56	100	19,649	100	7,370	100	173,915	100								
b.	Hold a formal leadership role in a student organization or group	leader	Have not decided	22	39	5,961	30	2,325	32	51,972	30	<b>4%</b>	9%	-.19	8%	-.16	9%	-.18	
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	22	37	5,147	26	1,938	29	42,233	26								
			Plan to do	11	20	6,755	35	2,463	31	63,775	36								
			Done or in progress	2	4	1,720	9	631	8	15,471	9								
			Total	57	100	19,583	100	7,357	100	173,451	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	27	47	6,566	33	2,929	39	61,357	35	<b>6%</b>	16% * ▼	-.33	8%	-.09	11%	-.18	
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	14	25	5,289	28	1,682	24	44,117	26								
			Plan to do	12	22	4,807	24	2,088	29	48,344	27								
			Done or in progress	3	6	2,894	16	619	8	19,033	11								
			Total	56	100	19,556	100	7,318	100	172,851	100								
d.	Participate in a study abroad program	abroad	Have not decided	21	36	5,830	30	2,361	33	50,682	30	<b>2%</b>	2%	.02	2%	-.02	2%	.01	
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	22	41	6,269	32	2,377	34	49,947	31								
			Plan to do	12	21	7,096	36	2,422	31	68,605	37								
			Done or in progress	1	2	350	2	157	2	3,593	2								
			Total	56	100	19,545	100	7,317	100	172,827	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	33	57	8,008	40	3,139	42	68,358	40	<b>4%</b>	4%	-.04	4%	-.01	4%	-.03
			Do not plan to do	12	21	4,889	25	1,801	26	39,900	24							
			Plan to do	10	19	5,812	30	2,076	28	57,279	33							
			Done or in progress	2	4	830	4	299	4	7,292	4							
			Total	57	100	19,539	100	7,315	100	172,829	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	27	47	7,332	37	2,382	34	60,322	36	<b>2%</b>	2%	.00	2%	-.03	2%	-.02
			Do not plan to do	5	9	2,248	12	744	13	18,337	11							
			Plan to do	24	43	9,645	50	4,050	51	90,972	51							
			Done or in progress	1	2	310	2	140	2	3,097	2							
			Total	57	100	19,535	100	7,316	100	172,728	100							
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																		
	servcourse	1 None	None	31	56	10,375	54	3,072	44	87,131	51	<b>1.5</b>	1.5	-.08	1.7 *	-.27	1.6	-.13
			Some	22	39	7,634	39	3,381	45	69,687	40							
			Most	2	3	1,215	6	700	10	12,167	7							
			All	1	2	220	1	123	2	2,762	2							
			Total	56	100	19,444	100	7,276	100	171,747	100							
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																		
a. Students	QIstudent	1 Poor	Poor	1	2	424	2	138	2	3,563	2	<b>5.0</b>	5.3	-.22	5.4 *	-.30	5.3	-.27
			2	5	10	540	3	160	3	4,127	3							
			3	5	10	1,204	6	372	5	9,161	6							
			4	6	11	2,510	12	912	13	20,676	12							
			5	11	20	5,340	27	1,792	25	44,175	25							
			6	12	22	5,049	26	1,866	24	44,955	25							
			7 Excellent	12	20	4,000	21	1,928	26	40,733	24							
			— Not applicable	3	6	364	2	113	2	4,342	3							
			Total	55	100	19,431	100	7,281	100	171,732	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Academic advisors	Qladvisor	1	Poor	0	0	469	2	164	2	4,698	3	<b>5.7</b>	5.4	.16	5.4	.16	5.4	.18
		2		1	2	714	4	242	4	6,298	4							
		3		2	3	1,223	6	464	7	11,207	6							
		4		10	19	2,410	12	865	12	20,933	12							
		5		9	16	3,883	20	1,465	20	34,073	20							
		6		8	16	4,459	23	1,620	21	37,401	22							
		7	Excellent	22	40	6,005	31	2,351	33	53,113	31							
		—	Not applicable	2	3	246	1	97	2	3,789	2							
	Total			54	100	19,409	100	7,268	100	171,512	100							
c. Faculty	Qlfaculty	1	Poor	1	2	286	1	110	2	3,004	2	<b>5.5</b>	5.3	.12	5.4	.02	5.4	.08
		2		1	2	492	2	164	3	4,175	3							
		3		2	4	1,105	5	371	5	9,063	5							
		4		6	11	2,655	13	860	12	21,594	13							
		5		12	23	5,295	27	1,663	22	42,570	25							
		6		15	27	5,493	29	1,979	25	47,865	27							
		7	Excellent	15	27	3,808	20	2,013	28	40,265	24							
		—	Not applicable	2	4	259	1	104	2	2,916	2							
	Total			54	100	19,393	100	7,264	100	171,452	100							
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	1	2	655	3	232	3	5,928	4	<b>5.3</b>	5.1	.14	5.2	.07	5.1	.10
		2		3	5	730	4	277	4	6,230	4							
		3		1	2	1,302	7	456	6	10,773	6							
		4		4	8	2,597	13	922	12	21,510	12							
		5		9	16	4,116	21	1,441	19	34,985	20							
		6		11	20	3,960	20	1,525	20	35,427	20							
		7	Excellent	10	17	3,483	18	1,717	23	36,004	21							
		—	Not applicable	16	30	2,564	13	696	12	20,565	13							
	Total			55	100	19,407	100	7,266	100	171,422	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021			
				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.)	Qladmin	1	Poor	1	2	638	3	207	3	5,893	4	<b>5.6</b>	5.0 **	▲	.38	5.3	.22	5.1 *	▲	.32
		2		1	2	797	4	257	4	6,890	4									
		3		2	4	1,367	7	469	6	11,811	7									
		4		5	10	2,748	14	928	13	23,307	14									
		5		10	17	4,277	22	1,532	20	36,355	21									
		6		9	16	3,947	20	1,670	22	36,157	20									
		7	Excellent	19	34	3,442	18	1,926	27	36,641	22									
		—	Not applicable	8	15	2,184	12	284	4	14,459	9									
	Total	55	100	19,400	100	7,273	100	171,513	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	289	2	109	2	2,873	2	<b>3.2</b>	3.1	.19	3.0	.21	3.1	.17		
		2	Some	9	16	3,784	20	1,415	21	32,200	20									
		3	Quite a bit	21	41	9,433	49	3,569	48	81,779	48									
		4	Very much	24	41	5,838	30	2,141	29	53,911	31									
			Total	55	100	19,344	100	7,234	100	170,763	100									
b. Providing support to help students succeed academically	SEacademic	1	Very little	5	10	821	4	302	5	7,165	5	<b>2.9</b>	2.9	-.04	3.0	-.11	3.0	-.09		
		2	Some	12	21	4,611	24	1,552	22	37,562	23									
		3	Quite a bit	20	37	8,461	44	3,018	41	72,716	42									
		4	Very much	18	32	5,407	27	2,340	32	52,888	30									
			Total	55	100	19,300	100	7,212	100	170,331	100									
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	3	5	1,328	7	471	7	10,944	7	<b>3.0</b>	3.0	.00	3.0	-.04	3.0	-.05		
		2	Some	13	24	3,927	21	1,360	20	32,347	20									
		3	Quite a bit	20	37	7,580	39	2,642	36	64,557	38									
		4	Very much	19	33	6,434	33	2,747	37	62,309	36									
			Total	55	100	19,269	100	7,220	100	170,157	100									
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	6	12	2,207	12	797	12	19,354	12	<b>2.8</b>	2.7	.08	2.7	.04	2.7	.06		
		2	Some	19	34	5,731	30	2,054	28	48,684	29									
		3	Quite a bit	11	21	6,795	35	2,533	34	59,519	35									
		4	Very much	19	34	4,511	23	1,815	25	42,382	25									
			Total	55	100	19,244	100	7,199	100	169,939	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				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	6	11	1,561	8	532	8	14,226	9	<b>2.7</b>	2.8	-.16	2.9	-.22	2.8	-.16
		2	Some	19	36	5,247	27	1,755	26	43,674	26							
		3	Quite a bit	16	29	7,515	39	2,853	39	65,228	38							
		4	Very much	14	25	4,910	25	2,049	28	46,533	27							
		Total		55	100	19,233	100	7,189	100	169,661	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	5	10	1,599	8	590	9	14,114	9	<b>2.7</b>	2.8	-.07	2.8	-.09	2.8	-.10
		2	Some	19	34	5,192	27	1,887	27	43,824	26							
		3	Quite a bit	14	26	7,592	40	2,751	37	64,876	38							
		4	Very much	17	29	4,804	25	1,954	27	46,639	27							
		Total		55	100	19,187	100	7,182	100	169,453	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	12	21	4,947	26	1,566	22	40,034	24	<b>2.5</b>	2.2	.31	2.4	.15	2.3	.24
		2	Some	17	32	7,283	38	2,626	36	61,919	36							
		3	Quite a bit	11	21	4,724	25	1,960	27	44,507	26							
		4	Very much	14	26	2,219	11	1,036	16	22,807	13							
		Total		54	100	19,173	100	7,188	100	169,267	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	13	25	2,828	15	796	12	25,420	16	<b>2.3</b>	2.6 **	-0.36	2.7 ***	-0.47	2.6 **	-0.35
		2	Some	23	42	5,882	30	1,947	29	47,035	28							
		3	Quite a bit	10	17	6,682	35	2,633	34	58,888	34							
		4	Very much	9	16	3,775	20	1,808	25	37,777	22							
		Total		55	100	19,167	100	7,184	100	169,120	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	10	19	3,855	20	1,290	19	32,506	20	<b>2.3</b>	2.4	-0.02	2.4	-0.12	2.4	-0.07
		2	Some	24	44	7,150	38	2,511	36	58,963	35							
		3	Quite a bit	13	24	5,605	29	2,210	29	51,424	30							
		4	Very much	8	14	2,541	13	1,177	17	26,244	15							
		Total		55	100	19,151	100	7,188	100	169,137	100							

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# NSSE 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	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	1	2	366	2	169	2	3,475	2	<b>3.3</b>	3.2	.06	3.2	.03	3.2	.02	
		2	Disagree	3	6	1,516	8	612	9	13,468	8								
		3	Agree	30	56	10,839	56	3,756	52	90,854	53								
		4	Strongly agree	21	36	6,430	34	2,637	37	61,248	36								
		Total		55	100	19,151	100	7,174	100	169,045	100								
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	1	2	738	4	246	4	5,937	4	<b>3.2</b>	2.9 *	.33	3.0	.18	3.0	.25	
		2	Disagree	5	9	3,559	19	1,011	15	27,241	17								
		3	Agree	31	57	11,021	57	4,014	55	95,590	56								
		4	Strongly agree	18	31	3,806	20	1,891	26	40,041	24								
		Total		55	100	19,124	100	7,162	100	168,809	100								
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	1	2	827	5	257	4	6,766	4	<b>3.1</b>	2.9	.19	3.0	.09	3.0	.13	
		2	Disagree	10	19	3,889	20	1,186	18	30,435	19								
		3	Agree	26	49	10,302	53	3,715	51	89,389	52								
		4	Strongly agree	18	31	4,136	22	2,019	27	42,423	25								
		Total		55	100	19,154	100	7,177	100	169,013	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	62	0	27	0	664	0	<b>17.3</b>	15.2	.26	13.7 **	.44	15.0 *	.28	
		3	1-5 hrs	9	16	2,080	11	1,009	17	19,592	12								
		8	6-10 hrs	5	9	4,071	21	1,644	23	35,624	21								
		13	11-15 hrs	6	10	4,279	23	1,610	22	37,273	22								
		18	16-20 hrs	17	31	3,955	21	1,339	18	33,442	20								
		23	21-25 hrs	8	15	2,281	12	731	9	20,479	12								
		28	26-30 hrs	4	8	1,211	6	382	5	10,358	6								
		33	More than 30 hrs	6	11	1,156	6	391	5	10,934	7								
Total		55	100	19,095	100	7,133	100	168,366	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	37	67	7,714	39	2,486	41	64,775	41	<b>3.5</b>	4.7	-0.19	5.9 *	-0.30	4.9	-0.21
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	9	17	6,214	33	1,922	24	51,213	29							
	8	6-10 hrs	2	3	2,475	14	995	13	23,111	13								
	13	11-15 hrs	2	4	1,264	7	750	10	13,571	8								
	18	16-20 hrs	2	3	711	4	494	6	7,874	5								
	23	21-25 hrs	1	2	369	2	234	3	3,853	2								
	28	26-30 hrs	1	2	113	1	89	1	1,455	1								
	33	More than 30 hrs	1	2	203	1	154	2	2,129	1								
	Total			55	100	19,063	100	7,124	100	167,981	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	51	92	15,925	83	5,542	81	137,119	83	<b>1.1</b>	2.1	-0.17	2.1	-0.18	2.0	-0.16
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	1	2	521	3	412	5	6,546	3							
	8	6-10 hrs	0	0	906	5	571	6	9,932	5								
	13	11-15 hrs	1	2	822	5	281	4	6,931	4								
	18	16-20 hrs	1	2	550	3	168	2	4,557	3								
	23	21-25 hrs	1	2	234	1	59	1	1,626	1								
	28	26-30 hrs	0	0	51	0	29	0	460	0								
	33	More than 30 hrs	0	0	57	0	66	1	896	1								
	Total			55	100	19,066	100	7,128	100	168,067	100							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	23	41	11,235	62	4,456	58	108,766	64	<b>11.8</b>	6.4 **	.54	7.7 *	.37	6.6 **	.49
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	2	4	936	5	405	5	8,249	5							
	8	6-10 hrs	4	8	1,213	6	438	6	9,348	5								
	13	11-15 hrs	3	6	1,357	7	405	6	9,629	6								
	18	16-20 hrs	8	15	1,544	7	442	7	10,411	6								
	23	21-25 hrs	5	9	1,198	6	326	6	7,724	5								
	28	26-30 hrs	2	4	704	3	233	4	4,541	3								
	33	More than 30 hrs	8	14	874	4	429	8	9,520	7								
	Total			55	100	19,061	100	7,134	100	168,188	100							
Estimated number of hours working for pay	tmworkhrs											<b>12.9</b>	8.5 *	.40	9.8	.26	8.5 *	.37
(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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021			
				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	37	65	12,127	64	4,355	63	106,473	64	<b>2.8</b>	2.0	.19	2.4	.09	2.2	.12		
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	21	5,159	26	1,992	25	43,601	25									
	8	6-10 hrs	3	6	882	4	392	5	8,888	5										
	13	11-15 hrs	1	2	438	2	182	3	4,412	3										
	18	16-20 hrs	2	4	218	1	106	2	2,287	1										
	23	21-25 hrs	0	0	135	1	38	1	1,174	1										
	28	26-30 hrs	0	0	32	0	20	0	409	0										
	33	More than 30 hrs	1	2	63	0	44	1	846	1										
	Total			55	100	19,054	100	7,129	100	168,090	100									
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	1	2	285	2	149	3	3,576	2	<b>10.2</b>	13.2 **	▼	-0.35	12.2 *	▼	-0.23	12.4	-0.26
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	15	26	3,423	17	1,661	23	35,429	21									
	8	6-10 hrs	16	30	5,145	26	1,861	26	45,399	26										
	13	11-15 hrs	14	26	4,184	22	1,483	20	35,238	21										
	18	16-20 hrs	5	9	2,808	15	942	14	22,757	14										
	23	21-25 hrs	0	0	1,367	8	381	5	10,486	6										
	28	26-30 hrs	1	2	592	3	173	3	4,611	3										
	33	More than 30 hrs	2	4	1,260	7	478	8	10,624	7										
	Total			54	100	19,064	100	7,128	100	168,120	100									
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	31	58	14,709	78	5,172	68	124,598	73	<b>5.1</b>	2.2 *	▲	.49	4.0	.13	3.4	.22	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	20	2,041	10	805	12	17,905	11									
	8	6-10 hrs	3	6	845	4	377	6	7,911	5										
	13	11-15 hrs	1	2	527	3	239	4	5,505	3										
	18	16-20 hrs	2	3	313	2	139	2	3,166	2										
	23	21-25 hrs	1	2	181	1	74	1	1,830	1										
	28	26-30 hrs	0	0	48	0	36	1	877	1										
	33	More than 30 hrs	5	8	374	2	280	5	6,101	4										
	Total			54	100	19,038	100	7,122	100	167,893	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown				Great Lakes Public				Carnegie Class				NSSE 2020 & 2021				Miami-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				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>				
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	34	62	7,886	42	3,586	42	84,390	49	<b>1.8</b>	▼	3.7 ***	-0.33	▼	4.2 ***	-0.36	▼	3.5 ***	-0.28						
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	16	30	7,292	38	2,272	35	53,240	32																
	8	6-10 hrs	3	5	2,157	11	619	11	15,861	10																	
	13	11-15 hrs	1	2	893	5	278	5	6,880	4																	
	18	16-20 hrs	1	2	353	2	149	3	3,290	2																	
	23	21-25 hrs	0	0	193	1	72	1	1,684	1																	
	28	26-30 hrs	0	0	80	0	44	1	712	0																	
	33	More than 30 hrs	0	0	210	1	117	2	2,119	1																	
	Total			55	100	19,064	100	7,137	100	168,176	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	4	7	2,345	13	641	10	18,473	12	<b>2.7</b>	2.6	.09	2.8	-0.03	2.7	.00									
		2	Some	19	34	7,008	37	2,363	34	57,059	35																
		3	About half	21	39	5,489	28	2,222	32	48,963	29																
		4	Most	9	15	3,086	16	1,397	18	31,552	18																
		5	Almost all	2	4	1,096	6	497	7	11,754	7																
			Total			55	100	19,024	100	7,120	100								167,801	100							
	tmreadinghrs	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																			<b>8.1</b>	6.5	.28	6.4 *	.29	6.8	.22
	tmreadinghrscol (Collapsed version of tmreadinghrs created by NSSE.)	1	0 hrs	0	0	61	0	27	0	647	0	<b>8.1</b>	6.5	.28	6.4 *	.29	6.8	.22									
		2	More than zero, up to 5 hrs	24	43	9,721	52	3,510	53	81,051	50																
		3	More than 5, up to 10 hrs	16	29	5,603	29	2,114	28	49,858	29																
		4	More than 10, up to 15 hrs	5	9	1,821	9	714	9	17,827	10																
		5	More than 15, up to 20 hrs	6	12	941	5	376	5	9,389	5																
		6	More than 20, up to 25 hrs	4	6	608	3	235	3	5,967	3																
		7	More than 25 hrs	0	0	198	1	104	1	2,398	1																
			Total			55	100	18,953	100	7,080	100								167,137	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				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	1,469	8	365	5	11,484	7	<b>3.0</b>	2.7 *	.32	2.9	.14	2.8	.22
		2	Some	12	21	5,766	31	1,880	26	46,731	28							
		3	Quite a bit	22	42	8,022	41	3,222	45	71,598	42							
		4	Very much	18	31	3,733	19	1,650	24	37,656	23							
		Total		55	100	18,990	100	7,117	100	167,469	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	6	10	2,301	13	609	9	18,794	12	<b>2.8</b>	2.6	.20	2.7	.06	2.7	.13
		2	Some	14	24	6,212	33	2,130	30	52,074	31							
		3	Quite a bit	22	42	7,080	37	2,877	40	62,617	37							
		4	Very much	13	23	3,387	18	1,489	21	33,772	20							
		Total		55	100	18,980	100	7,105	100	167,257	100							
c. Thinking critically and analytically	pgthink	1	Very little	1	2	589	3	181	3	5,263	4	<b>3.2</b>	3.0	.22	3.1	.20	3.1	.20
		2	Some	7	12	3,782	20	1,392	21	32,039	20							
		3	Quite a bit	25	48	8,804	46	3,223	44	75,163	44							
		4	Very much	22	38	5,803	31	2,320	32	54,828	33							
		Total		55	100	18,978	100	7,116	100	167,293	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	2	3	2,353	12	811	11	20,823	12	<b>2.9</b>	2.7 *	.29	2.7	.25	2.7 *	.26
		2	Some	17	30	5,996	31	2,324	31	51,167	30							
		3	Quite a bit	20	38	6,878	36	2,570	36	59,862	36							
		4	Very much	16	28	3,736	20	1,404	22	35,363	22							
		Total		55	100	18,963	100	7,109	100	167,215	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	4	8	2,686	14	801	12	23,295	15	<b>2.7</b>	2.6	.13	2.7	.02	2.6	.11
		2	Some	19	35	6,387	33	2,138	30	54,304	32							
		3	Quite a bit	21	38	6,431	34	2,630	36	56,850	34							
		4	Very much	11	19	3,466	18	1,544	22	32,816	20							
		Total		55	100	18,970	100	7,113	100	167,265	100							
f. Working effectively with others	pgothers	1	Very little	2	4	1,634	9	444	7	13,276	9	<b>2.8</b>	2.8	.04	2.8	-.06	2.8	.01
		2	Some	22	40	5,510	29	1,889	27	46,476	28							
		3	Quite a bit	16	29	7,626	40	2,990	41	66,913	39							
		4	Very much	15	26	4,201	22	1,783	25	40,559	24							
		Total		55	100	18,971	100	7,106	100	167,224	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021			
				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	7	2,347	13	591	9	18,291	12	<b>2.8</b>	2.6	.21	2.8	.06	2.7	.13
		2	Some	17	32	5,941	31	1,985	29	48,306	29							
		3	Quite a bit	19	34	7,088	37	2,775	38	63,015	37							
		4	Very much	15	27	3,590	19	1,761	23	37,486	22							
		Total		55	100	18,966	100	7,112	100	167,098	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	1	2	1,746	10	587	9	15,084	10	<b>3.0</b>	2.8	.23	2.8	.16	2.8	.19
		2	Some	16	29	5,426	29	1,954	28	45,362	27							
		3	Quite a bit	21	40	7,243	38	2,666	36	62,898	37							
		4	Very much	17	29	4,554	24	1,904	28	43,874	26							
		Total		55	100	18,969	100	7,111	100	167,218	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	8	15	2,312	13	706	11	18,807	12	<b>2.6</b>	2.6	.04	2.7	-.04	2.6	-.01
		2	Some	17	32	6,429	34	2,305	32	54,709	33							
		3	Quite a bit	16	30	6,778	35	2,662	36	59,764	35							
		4	Very much	14	24	3,449	18	1,440	21	33,962	20							
		Total		55	100	18,968	100	7,113	100	167,242	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	8	15	2,434	13	756	11	19,480	12	<b>2.7</b>	2.6	.07	2.7	-.02	2.6	.01
		2	Some	16	28	6,331	33	2,320	32	53,217	32							
		3	Quite a bit	17	32	6,705	35	2,538	35	59,320	35							
		4	Very much	14	25	3,513	19	1,505	22	35,434	21							
		Total		55	100	18,983	100	7,119	100	167,451	100							

#### 19. How would you evaluate your entire educational experience at this institution?

evalexp	1	2	3	4	Total	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
Poor	0	0	458	3	164	3	3,668	3	<b>3.1</b>	3.1	.02	3.1	-.04	3.1	-.05
Fair	10	20	3,162	17	1,032	15	24,712	16							
Good	29	53	10,184	53	3,591	51	84,559	50							
Excellent	15	27	5,214	28	2,368	31	55,009	32							
Total	54	100	19,018	100	7,155	100	167,948	100							

#### 20. If you could start over again, would you go to the same institution you are now attending?

sameinst	1	2	3	4	Total	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
Definitely no	0	0	572	3	284	4	5,501	3	<b>3.4</b>	3.2 *	.29	3.2 *	.30	3.2	.25
Probably no	5	10	2,492	13	924	14	21,167	13							
Probably yes	21	40	9,000	47	3,102	44	74,346	44							
Definitely yes	28	50	7,038	37	2,860	38	67,549	40							
Total	54	100	19,102	100	7,170	100	168,563	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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- Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami- Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	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	2	4	767	4	357	6	6,084	4	<b>89%</b>	89%	.00	84%	.15	88%	.01
(Means indicate the percentage who responded "Yes.")		Yes	49	89	16,928	89	6,104	84	149,629	88								
		Not sure	4	8	1,416	8	721	11	13,136	8								
		Total	55	100	19,111	100	7,182	100	168,849	100								
<b>22. To what extent have the faculty and staff at your institution done a good job helping students adapt to the changes brought on by the COVID-19 pandemic?</b>																		
	covidexp	1	Very little	3	5	561	7	154	5	4,279	7	<b>3.2</b>	2.9 *	.31	3.1	.08	3.0	.19
		2	Some	11	19	2,000	24	585	18	14,458	20							
		3	Quite a bit	13	24	3,147	38	1,110	34	26,155	36							
		4	Very much	28	51	2,598	31	1,338	43	26,804	37							
		Total		55	100	8,306	100	3,187	100	71,696	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>1. During the current school year, about how often have you done the following?</b>																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	1	2	769	3	167	2	7,573	3	<b>3.1</b>	3.0	.14	3.2	-.09	3.0	.12
		2	Sometimes	12	24	7,996	29	2,139	21	69,008	28							
		3	Often	15	33	9,169	33	3,389	33	80,590	32							
		4	Very often	20	40	9,844	35	4,524	44	93,298	37							
		Total		48	100	27,778	100	10,219	100	250,469	100							
b. Asked another student to help you understand course material	CLaskhelp	1	Never	13	29	4,022	15	1,581	17	40,194	17	<b>2.2</b>	2.4	-.24	2.4	-.17	2.4	-.18
		2	Sometimes	16	33	11,537	42	4,337	43	102,454	41							
		3	Often	14	28	7,688	28	2,695	25	67,165	26							
		4	Very often	5	11	4,405	16	1,567	15	39,273	15							
		Total		48	100	27,652	100	10,180	100	249,086	100							
c. Explained course material to one or more students	CLexplain	1	Never	5	10	2,140	8	854	9	23,603	10	<b>2.7</b>	2.7	-.03	2.7	.00	2.6	.05
		2	Sometimes	15	31	9,991	36	3,607	36	89,752	36							
		3	Often	19	41	9,896	36	3,557	34	85,398	34							
		4	Very often	9	18	5,583	20	2,170	21	50,066	20							
		Total		48	100	27,610	100	10,188	100	248,819	100							
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	16	34	6,054	22	2,185	23	54,999	23	<b>2.0</b>	2.4 **	-.37	2.4 **	-.38	2.4 *	-.34
		2	Sometimes	20	41	9,380	34	3,312	33	83,282	34							
		3	Often	8	16	7,351	27	2,683	25	64,660	26							
		4	Very often	4	9	4,693	17	1,963	19	44,634	18							
		Total		48	100	27,478	100	10,143	100	247,575	100							
e. Worked with other students on course projects or assignments	CLproject	1	Never	9	19	2,095	8	930	10	23,455	10	<b>2.5</b>	2.8 *	-.34	2.7	-.24	2.7	-.24
		2	Sometimes	15	32	8,028	29	3,121	31	72,788	30							
		3	Often	15	29	9,744	35	3,501	34	84,687	34							
		4	Very often	9	21	7,538	28	2,548	25	65,792	26							
		Total		48	100	27,405	100	10,100	100	246,722	100							
f. Given a course presentation	present	1	Never	10	20	3,560	13	1,005	11	32,656	14	<b>2.4</b>	2.6	-.14	2.7	-.27	2.6	-.13
		2	Sometimes	16	32	9,838	36	3,243	32	82,302	34							
		3	Often	14	30	8,350	30	3,393	33	75,989	30							
		4	Very often	8	17	5,608	20	2,445	24	55,375	22							
		Total		48	100	27,356	100	10,086	100	246,322	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	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	1,076	4	448	5	11,273	5	<b>3.1</b>	2.9	.17	2.9	.19	2.9	.20	
		2	Sometimes	9	21	7,349	28	2,844	28	67,983	28								
		3	Often	18	35	11,373	42	4,020	40	98,058	40								
		4	Very often	17	38	7,276	26	2,678	27	66,695	27								
		Total		47	100	27,074	100	9,990	100	244,009	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	4	8	2,098	9	641	7	17,609	8	<b>2.9</b>	2.7	.15	2.8	.07	2.8	.10	
		2	Sometimes	12	27	8,608	33	3,062	31	74,707	32								
		3	Often	17	35	9,806	36	3,651	36	87,861	35								
		4	Very often	14	30	6,423	23	2,578	26	62,559	25								
		Total		47	100	26,935	100	9,932	100	242,736	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	8	18	3,497	14	978	11	29,168	14	<b>2.7</b>	2.6	.14	2.7	.02	2.6	.10	
		2	Sometimes	12	25	9,052	34	3,305	33	79,898	33								
		3	Often	11	25	8,363	31	3,294	32	76,893	31								
		4	Very often	15	32	5,829	21	2,309	23	55,213	22								
		Total		46	100	26,741	100	9,886	100	241,172	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	4	8	1,409	6	408	4	11,300	5	<b>3.0</b>	2.8	.28	2.9	.17	2.8	.24	
		2	Sometimes	7	14	7,922	30	2,696	27	68,880	29								
		3	Often	20	43	11,456	43	4,277	44	103,213	43								
		4	Very often	15	35	5,765	21	2,423	25	55,865	23								
		Total		46	100	26,552	100	9,804	100	239,258	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	1	2	841	4	251	3	7,188	3	<b>3.1</b>	2.9	.21	3.0	.15	3.0	.18	
		2	Sometimes	8	18	6,387	25	2,250	23	55,185	24								
		3	Often	21	45	11,749	45	4,331	44	105,559	44								
		4	Very often	15	35	7,288	27	2,884	30	68,463	29								
		Total		45	100	26,265	100	9,716	100	236,395	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	2	5	641	3	220	2	5,485	3	<b>3.0</b>	2.9	.11	3.0	.08	3.0	.08	
		2	Sometimes	5	13	6,857	27	2,509	26	60,077	26								
		3	Often	25	59	11,714	45	4,270	44	103,309	44								
		4	Very often	10	24	6,783	26	2,615	27	64,853	27								
		Total		42	100	25,995	100	9,614	100	233,724	100								

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



# NSSE 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				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	RIconnect	1	Never	2	4	265	1	99	1	2,558	1	<b>3.2</b>	3.2	.10	3.2	.07	3.2	.08	
		2	Sometimes	3	7	4,037	16	1,496	16	35,796	16								
		3	Often	21	49	12,152	47	4,385	46	107,384	46								
		4	Very often	17	40	9,274	36	3,559	37	85,791	37								
		Total		43	100	25,728	100	9,539	100	231,529	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	38	4,509	19	1,332	15	41,262	19	<b>2.2</b>	2.4	-.23	2.6 *	-38	2.4	-.22	
		2	Sometimes	11	24	10,378	40	3,361	36	90,972	39								
		3	Often	9	22	6,110	23	2,614	26	55,798	23								
		4	Very often	7	17	4,713	18	2,245	22	43,338	18								
		Total		44	100	25,710	100	9,552	100	231,370	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	21	47	11,102	44	3,499	39	98,553	44	<b>1.8</b>	1.9	-.11	2.0	-.22	1.9	-.10	
		2	Sometimes	14	33	7,821	30	2,944	30	69,449	29								
		3	Often	4	11	3,929	15	1,780	18	36,498	15								
		4	Very often	3	9	2,747	11	1,282	13	25,948	11								
		Total		42	100	25,599	100	9,505	100	230,448	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	17	36	7,166	28	2,149	25	66,100	30	<b>2.1</b>	2.1	-.03	2.3	-.18	2.1	-.02	
		2	Sometimes	13	31	10,658	42	3,676	38	90,901	39								
		3	Often	9	22	5,027	20	2,304	23	46,283	20								
		4	Very often	4	11	2,585	10	1,309	14	25,464	11								
		Total		43	100	25,436	100	9,438	100	228,748	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	14	30	6,501	27	1,689	19	54,537	25	<b>2.2</b>	2.1	.14	2.4	-.11	2.2	.07	
		2	Sometimes	13	30	11,183	44	3,944	41	99,128	43								
		3	Often	10	27	5,268	20	2,471	26	49,712	21								
		4	Very often	5	14	2,476	9	1,339	14	25,443	11								
		Total		42	100	25,428	100	9,443	100	228,820	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	5	2,033	8	733	8	18,536	8	<b>2.8</b>	2.7	.13	2.8	.08	2.7	.10	
		2	Some	15	36	7,962	32	2,883	30	70,297	31								
		3	Quite a bit	13	31	9,938	39	3,728	40	88,411	39								
		4	Very much	12	29	5,340	21	2,035	22	50,150	22								
		Total		42	100	25,273	100	9,379	100	227,394	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				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	1	3	781	3	265	3	6,844	3	<b>3.3</b>	3.0	.28	3.1	.24	3.0	.26
		2	Some	5	11	5,205	21	1,882	20	46,032	21							
		3	Quite a bit	18	44	11,418	45	4,187	44	101,130	44							
		4	Very much	18	42	7,793	31	3,009	33	72,411	32							
		Total		42	100	25,197	100	9,343	100	226,417	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	3	7	910	4	302	3	7,620	4	<b>3.1</b>	3.0	.13	3.0	.08	3.0	.08
		2	Some	6	15	5,780	23	2,033	22	48,772	22							
		3	Quite a bit	17	41	11,007	44	4,034	43	97,145	43							
		4	Very much	14	37	7,297	29	2,886	31	70,851	31							
		Total		40	100	24,994	100	9,255	100	224,388	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	1	3	1,416	6	344	4	10,731	5	<b>3.0</b>	2.9	.18	3.0	.04	2.9	.10
		2	Some	9	23	6,249	26	2,063	22	52,028	24							
		3	Quite a bit	17	42	10,736	43	4,065	44	95,684	42							
		4	Very much	12	32	6,481	25	2,742	30	64,818	29							
		Total		39	100	24,882	100	9,214	100	223,261	100							
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	2	5	1,064	5	290	3	8,355	4	<b>3.0</b>	2.9	.17	3.0	.07	3.0	.10
		2	Some	8	21	6,163	25	2,021	22	51,080	23							
		3	Quite a bit	16	39	11,154	45	4,282	46	99,640	44							
		4	Very much	13	35	6,406	25	2,588	29	63,272	28							
		Total		39	100	24,787	100	9,181	100	222,347	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	2	5	632	3	208	2	5,397	3	<b>3.2</b>	3.1	.10	3.2	-.01	3.1	.05
		2	Some	5	12	4,753	20	1,561	17	40,215	19							
		3	Quite a bit	18	44	10,935	44	3,814	41	95,042	43							
		4	Very much	15	38	8,328	34	3,534	39	80,283	36							
		Total		40	100	24,648	100	9,117	100	220,937	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	2	5	1,104	5	354	4	9,751	5	<b>3.1</b>	3.0	.14	3.1	.04	3.0	.10
		2	Some	5	12	5,293	21	1,716	19	44,068	20							
		3	Quite a bit	19	50	10,789	44	3,775	40	94,189	42							
		4	Very much	13	33	7,424	30	3,239	36	72,395	33							
		Total		39	100	24,610	100	9,084	100	220,403	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	3	7	931	4	318	4	8,321	4	<b>3.0</b>	3.0	-.09	3.1	-.17	3.1	-.11
		2	Some	7	17	5,135	21	1,692	19	43,802	20							
		3	Quite a bit	18	47	10,308	42	3,646	39	89,650	40							
		4	Very much	11	28	8,177	33	3,423	38	78,303	35							
		Total		39	100	24,551	100	9,079	100	220,076	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	5	11	2,475	11	647	7	21,002	10	<b>2.8</b>	2.7	.03	2.9	-.19	2.8	-.03
		2	Some	10	25	7,265	30	2,221	25	60,519	28							
		3	Quite a bit	14	39	8,415	34	3,220	35	75,817	34							
		4	Very much	10	24	6,379	25	2,969	33	62,388	28							
		Total		39	100	24,534	100	9,057	100	219,726	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	2	5	2,070	9	548	6	17,686	9	<b>2.9</b>	2.8	.14	2.9	-.06	2.8	.08
		2	Some	11	31	7,271	30	2,253	25	61,242	28							
		3	Quite a bit	14	35	9,311	38	3,495	38	82,623	37							
		4	Very much	11	29	5,809	23	2,741	31	57,537	26							
		Total		38	100	24,461	100	9,037	100	219,088	100							
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	2	5	507	5	128	3	4,081	5	<b>2.9</b>	3.0	-.08	3.1	-.29	3.0	-.17
		2	Some	10	25	2,469	23	722	18	20,007	22							
		3	Quite a bit	17	46	4,460	42	1,613	40	38,063	40							
		4	Very much	9	24	3,148	29	1,475	38	31,784	34							
		Total		38	100	10,584	100	3,938	100	93,935	100							
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	3	7	435	4	107	3	3,690	4	<b>3.0</b>	3.0	.01	3.1	-.17	3.0	-.05
		2	Some	8	19	2,382	23	723	18	19,812	22							
		3	Quite a bit	16	43	4,722	45	1,717	43	40,319	43							
		4	Very much	12	30	3,010	28	1,385	36	29,872	31							
		Total		39	100	10,549	100	3,932	100	93,693	100							
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	2	5	1,233	12	303	8	9,413	11	<b>2.8</b>	2.6	.24	2.8	-.01	2.7	.14
		2	Some	13	32	3,601	34	1,082	27	29,144	31							
		3	Quite a bit	15	39	3,813	36	1,557	39	34,823	36							
		4	Very much	9	23	1,888	18	978	26	20,129	21							
		Total		39	100	10,535	100	3,920	100	93,509	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%		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	2	5	350	4	107	3	3,063	4	<b>2.9</b>	3.1	-.16	3.2	-.32	3.1	-.20
		2	Some	9	25	1,947	19	564	14	16,177	18							
		3	Quite a bit	16	41	4,606	43	1,694	43	39,475	42							
		4	Very much	12	29	3,620	34	1,552	40	34,700	37							
		Total		39	100	10,523	100	3,917	100	93,415	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	6	13	2,742	11	965	10	23,815	11	<b>2.8</b>	2.6	.16	2.6	.14	2.7	.13
		2	Sometimes	11	28	8,648	35	3,146	34	74,271	34							
		3	Often	11	28	8,326	35	3,135	36	75,830	36							
		4	Very often	11	31	4,329	19	1,659	20	41,537	20							
		Total		39	100	24,045	100	8,905	100	215,453	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	6	13	4,529	19	1,484	16	37,570	18	<b>2.5</b>	2.4	.11	2.5	.04	2.5	.06
		2	Sometimes	17	45	8,898	37	3,329	37	78,517	36							
		3	Often	8	19	7,041	29	2,625	30	63,814	30							
		4	Very often	8	23	3,491	15	1,431	17	34,673	17							
		Total		39	100	23,959	100	8,869	100	214,574	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	5	11	3,999	16	1,437	16	34,663	16	<b>2.5</b>	2.4	.09	2.4	.07	2.4	.06
		2	Sometimes	18	45	9,435	39	3,464	39	81,827	38							
		3	Often	10	26	7,315	31	2,701	31	66,097	31							
		4	Very often	6	18	3,136	14	1,227	15	31,181	15							
		Total		39	100	23,885	100	8,829	100	213,768	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	12	1,619	7	448	5	13,384	7	<b>6.3</b>	7.3	-.15	7.7	-.21	7.6	-.19
		1.5	1-2	8	21	4,570	19	1,495	17	37,045	18							
		4	3-5	15	37	6,776	28	2,631	30	60,723	28							
		8	6-10	5	12	5,124	21	1,964	22	46,845	22							
		13	11-15	2	4	2,487	11	920	10	23,321	11							
		18	16-20	2	5	1,269	5	509	6	12,233	6							
		23	More than 20	3	9	1,945	8	866	9	19,605	9							
		Total		39	100	23,790	100	8,833	100	213,156	100							

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# NSSE 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		
				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	12	30	6,413	27	1,864	21	52,150	26	<b>2.7</b>	3.2	-0.12	3.7	-0.22	3.6	-0.19	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	17	44	8,009	34	3,058	34	68,537	32								
		4	3-5	5	12	5,378	22	2,203	25	50,629	23								
		8	6-10	4	10	2,395	10	1,048	12	24,956	12								
		13	11-15	0	0	884	4	339	4	8,876	4								
		18	16-20	0	0	308	1	121	2	3,268	2								
		23	More than 20	1	3	329	1	157	2	3,913	2								
		Total			39	100	23,716	100	8,790	100	212,329	100							
c. 11 pages or more	wrlongnum	0	None	17	42	12,313	52	4,122	47	103,892	50	<b>1.9</b>	1.8	.04	2.0	-0.02	2.0	-0.02	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	16	42	7,588	32	3,077	34	68,475	31								
		4	3-5	4	11	2,132	9	887	10	22,047	10								
		8	6-10	1	2	806	3	352	4	8,688	4								
		13	11-15	0	0	497	2	191	2	4,993	2								
		18	16-20	0	0	153	1	71	1	1,772	1								
		23	More than 20	1	3	279	1	117	1	2,936	1								
		Total			39	100	23,768	100	8,817	100	212,803	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>69.8</b>	74.1	-0.05	82.7	-0.13	81.3	-0.12	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	5	12	1,369	6	559	7	11,779	6	<b>2.9</b>	2.9	-0.06	3.0	-0.11	3.0	-0.14	
		2	Sometimes	7	18	6,749	28	2,349	25	52,029	24								
		3	Often	15	38	7,437	31	2,699	30	65,531	31								
		4	Very often	12	32	8,204	35	3,212	38	83,428	39								
			Total	39	100	23,759	100	8,819	100	212,767	100								
b. People from an economic background other than your own	DDeconomic	1	Never	3	8	1,020	5	428	5	10,420	5	<b>2.9</b>	3.0	-0.03	3.0	-0.06	3.0	-0.06	
		2	Sometimes	10	25	6,273	26	2,208	25	51,112	24								
		3	Often	13	32	8,818	37	3,124	35	75,140	35								
		4	Very often	13	35	7,573	32	3,032	35	75,491	36								
			Total	39	100	23,684	100	8,792	100	212,163	100								

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# NSSE 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. People with religious beliefs other than your own	DDreligion	1	Never	4	10	1,419	6	731	8	15,561	7	<b>2.9</b>	2.9	-.07	2.9	.00	2.9	-.06
		2	Sometimes	12	29	6,561	27	2,714	29	57,826	27							
		3	Often	10	26	8,121	34	2,649	30	67,344	32							
		4	Very often	13	35	7,584	32	2,692	32	71,421	34							
		Total		39	100	23,685	100	8,786	100	212,152	100							
d. People with political views other than your own	DDpolitical	1	Never	5	13	1,498	7	596	7	16,156	8	<b>2.8</b>	2.9	-.01	2.9	-.07	2.9	-.01
		2	Sometimes	10	24	7,418	31	2,409	27	63,542	30							
		3	Often	11	28	7,645	32	2,893	32	65,748	31							
		4	Very often	13	35	7,143	30	2,898	33	66,880	32							
		Total		39	100	23,704	100	8,796	100	212,326	100							
<b>9. During the current school year, about how often have you done the following?</b>																		
a. Identified key information from reading assignments	LSreading	1	Never	2	5	744	4	204	2	5,597	3	<b>3.0</b>	3.0	-.07	3.1	-.20	3.1	-.15
		2	Sometimes	11	27	5,242	22	1,661	19	42,171	20							
		3	Often	14	36	10,343	44	3,870	44	91,132	43							
		4	Very often	12	32	7,282	30	3,025	35	72,418	34							
		Total		39	100	23,611	100	8,760	100	211,318	100							
b. Reviewed your notes after class	LSnotes	1	Never	4	9	1,880	8	632	7	15,206	7	<b>2.9</b>	2.8	.10	2.9	-.02	2.9	.02
		2	Sometimes	10	27	7,392	32	2,443	28	62,448	30							
		3	Often	12	32	7,834	33	2,937	33	70,218	33							
		4	Very often	13	32	6,494	27	2,738	32	63,274	30							
		Total		39	100	23,600	100	8,750	100	211,146	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	1	3	1,633	7	489	6	13,265	7	<b>3.1</b>	2.8 *	.35	2.9	.21	2.9	.26
		2	Sometimes	9	21	7,208	31	2,344	27	60,321	29							
		3	Often	15	40	8,882	37	3,409	38	79,130	37							
		4	Very often	14	36	5,884	24	2,510	29	58,434	28							
		Total		39	100	23,607	100	8,752	100	211,150	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																			
	challenge	1	Not at all	3	8	272	1	79	1	2,305	1	<b>5.2</b>	5.4	-0.15	5.6 *	-0.34	5.5	-0.24	
		2		0	0	449	2	131	2	3,314	2								
		3		2	6	1,236	5	335	4	9,739	5								
		4		3	8	2,727	12	923	11	22,623	11								
		5		12	31	7,084	31	2,302	26	59,309	28								
		6		9	23	5,962	25	2,182	25	52,398	25								
		7	Very much	9	24	5,757	24	2,746	32	60,167	28								
			Total	38	100	23,487	100	8,698	100	209,855	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a.	Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided	3	8	1,969	8	843	11	22,202	11	<b>52%</b>	.5	.01	.5	.07	.5	.13	
			Do not plan to do	11	29	3,690	16	1,339	17	34,528	17								
			Plan to do	4	11	5,679	24	1,934	24	52,568	26								
			Done or in progress	20	52	12,138	52	4,568	49	100,261	46								
			Total	38	100	23,476	100	8,684	100	209,559	100								
b.	Hold a formal leadership role in a student organization or group	leader	Have not decided	3	9	2,457	10	1,040	13	26,079	13	<b>25%</b>	.4	-0.23	.3	-0.15	.3	-0.17	
			Do not plan to do	24	61	10,919	46	3,823	47	93,109	45								
			Plan to do	2	5	1,793	8	686	9	18,090	9								
			Done or in progress	9	25	8,233	36	3,122	32	71,834	33								
			Total	38	100	23,402	100	8,671	100	209,112	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	5	15	2,963	12	1,363	16	31,733	15	<b>33%</b>	.3	.16	.2	.20	.2	.25	
			Do not plan to do	20	51	12,432	54	4,156	49	107,474	52								
			Plan to do	1	2	2,038	8	913	11	21,996	11								
			Done or in progress	12	33	5,865	26	2,182	24	47,142	22								
			Total	38	100	23,298	100	8,614	100	208,345	100								
d.	Participate in a study abroad program	abroad	Have not decided	3	8	2,500	10	1,118	14	25,697	13	<b>9%</b>	.1	-0.14	.1	.00	.1	-0.10	
			Do not plan to do	32	83	16,170	69	5,933	69	139,270	67								
			Plan to do	0	0	1,621	7	632	7	15,417	8								
			Done or in progress	3	9	3,038	14	946	9	28,084	12								
			Total	38	100	23,329	100	8,629	100	208,468	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021							
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>								
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	8	22	3,406	14	1,341	17	33,269	16	<b>15%</b>	.2	-.21	.2	-.21	.2	-.19							
			Do not plan to do	21	52	12,063	51	4,174	49	102,440	49														
			Plan to do	4	11	2,693	12	949	12	24,770	12														
			Done or in progress	5	15	5,163	23	2,161	23	47,914	22														
			Total	38	100	23,325	100	8,625	100	208,393	100														
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	3	8	1,960	8	716	9	20,964	11	<b>55%</b>	.5	.19	.5	.07	.4	.22							
			Do not plan to do	5	14	4,683	20	1,179	15	41,873	21														
			Plan to do	9	23	6,171	27	1,994	25	49,801	25														
			Done or in progress	21	55	10,511	45	4,735	51	95,741	44														
			Total	38	100	23,325	100	8,624	100	208,379	100														
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																									
	servcourse	1 None	2 Some	3 Most	4 All	Total	10	28	9,295	41	2,683	33	79,096	40	<b>1.9</b>	1.7	.25	1.8	.06	1.7	.20				
							22	58	11,281	48	4,593	52	102,342	48											
							4	10	2,170	8	1,062	12	21,089	10											
							1	3	495	2	259	3	4,990	2											
							37	100	23,241	100	8,597	100	207,517	100											
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																									
a. Students	QIstudent	1 Poor	2	3	4	5	6	7 Excellent	— Not applicable	Total	0	0	310	1	100	1	3,123	2	<b>5.7</b>	5.5	.12	5.6	.04	5.6	.10
											0	0	373	2	145	2	3,683	2							
											3	9	981	4	353	4	8,458	4							
											6	16	2,317	10	821	10	20,319	10							
											6	14	5,928	25	1,933	22	49,274	24							
											5	14	6,773	29	2,261	26	56,729	27							
											16	43	6,226	27	2,765	32	61,078	29							
											1	3	346	2	206	3	4,949	3							
											37	100	23,254	100	8,584	100	207,613	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Academic advisors	Qladvisor	1	Poor	4	9	1,126	5	259	3	9,046	5	<b>5.0</b>	5.2	-.07	5.6	-.36	5.3	-.14
		2		2	4	1,167	5	239	3	9,317	5							
		3		3	8	1,863	8	431	5	14,558	7							
		4		5	14	2,879	12	814	10	24,262	12							
		5		3	9	4,274	18	1,401	16	37,351	18							
		6		7	18	4,619	20	1,744	20	40,697	19							
		7	Excellent	12	33	6,969	30	3,559	41	68,849	33							
		—	Not applicable	2	5	322	1	128	2	3,342	2							
	Total			38	100	23,219	100	8,575	100	207,422	100							
c. Faculty	Qlfaculty	1	Poor	1	2	319	2	117	2	3,511	2	<b>5.7</b>	5.4	.23	5.7	.04	5.5	.17
		2		1	2	503	2	144	2	4,524	2							
		3		1	3	1,198	5	339	4	9,727	5							
		4		7	19	2,770	12	808	10	22,815	11							
		5		2	4	5,756	25	1,735	20	47,335	23							
		6		8	22	6,760	29	2,439	27	57,856	27							
		7	Excellent	17	45	5,740	25	2,920	35	59,420	28							
		—	Not applicable	1	3	167	1	78	1	2,181	1							
	Total			38	100	23,213	100	8,580	100	207,369	100							
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	2	5	970	4	417	5	9,208	5	<b>5.1</b>	4.9	.12	5.0	.04	5.0	.07
		2		2	5	977	4	374	4	8,712	4							
		3		1	3	1,596	7	570	6	14,044	7							
		4		2	6	2,946	13	1,010	11	25,375	12							
		5		2	5	4,263	18	1,480	17	37,232	17							
		6		5	15	4,001	17	1,460	16	35,605	17							
		7	Excellent	8	21	3,839	16	1,822	22	40,148	19							
		—	Not applicable	14	39	4,617	20	1,433	18	36,920	19							
	Total			36	100	23,209	100	8,566	100	207,244	100							

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# NSSE 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021			
				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.)	Qladmin	1	Poor	3	8	1,081	5	376	5	10,023	5	<b>4.9</b>	4.9	.00	5.2	-.17	5.0	-.06
		2		2	5	1,170	5	423	5	10,221	5							
		3		6	17	1,871	8	608	7	15,945	8							
		4		2	5	3,466	15	1,077	12	29,153	14							
		5		4	10	4,897	21	1,747	20	42,086	20							
		6		6	15	4,483	19	1,717	19	40,523	19							
		7	Excellent	11	30	4,096	18	2,296	28	44,691	22							
		—	Not applicable	4	10	2,152	10	332	4	14,760	8							
	Total	38	100	23,216	100	8,576	100	207,402	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	406	2	169	2	3,883	2	<b>3.4</b>	3.1 *	.39	3.1 *	.34	3.1 *	.33
		2	Some	3	10	4,501	20	1,526	18	36,805	18							
		3	Quite a bit	15	42	10,773	46	3,892	45	92,878	45							
		4	Very much	18	48	7,469	32	2,949	35	73,122	35							
			Total	36	100	23,149	100	8,536	100	206,688	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	1	3	1,292	6	419	5	11,870	6	<b>2.9</b>	2.8	.02	3.0	-.14	2.9	-.04
		2	Some	9	25	6,214	27	1,919	23	51,997	26							
		3	Quite a bit	20	55	9,972	43	3,532	41	85,914	41							
		4	Very much	6	17	5,627	24	2,667	32	56,503	27							
			Total	36	100	23,105	100	8,537	100	206,284	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	6	16	2,308	10	775	9	19,934	10	<b>2.7</b>	2.8	-.08	2.9	-.23	2.8	-.14
		2	Some	8	20	6,127	27	1,894	22	51,343	25							
		3	Quite a bit	15	42	8,826	38	3,141	36	76,650	37							
		4	Very much	7	22	5,816	24	2,711	33	58,134	28							
			Total	36	100	23,077	100	8,521	100	206,061	100							
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	5	14	3,486	16	1,221	14	30,960	15	<b>2.6</b>	2.6	.09	2.7	-.04	2.6	.04
		2	Some	11	29	7,400	32	2,467	28	62,728	30							
		3	Quite a bit	12	34	7,462	32	2,746	32	65,598	32							
		4	Very much	8	23	4,699	20	2,055	25	46,505	23							
			Total	36	100	23,047	100	8,489	100	205,791	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				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	5	14	2,052	9	713	9	20,030	10	<b>2.5</b>	2.8	-.29	2.8 *	-.37	2.8	-.27
		2	Some	15	39	6,492	29	2,183	26	56,360	28							
		3	Quite a bit	10	28	9,051	39	3,191	37	77,469	37							
		4	Very much	6	18	5,441	23	2,419	28	51,728	25							
		Total		36	100	23,036	100	8,506	100	205,587	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	2	6	2,820	13	989	12	24,932	13	<b>2.6</b>	2.7	-.08	2.7	-.16	2.7	-.11
		2	Some	17	45	6,854	30	2,435	28	59,201	29							
		3	Quite a bit	12	35	8,352	36	2,921	34	72,513	35							
		4	Very much	5	15	4,981	22	2,125	26	48,718	24							
		Total		36	100	23,007	100	8,470	100	205,364	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	11	27	8,200	36	2,607	30	68,325	34	<b>2.4</b>	2.0	.39	2.2	.19	2.1	.29
		2	Some	11	31	8,232	36	2,900	34	71,270	34							
		3	Quite a bit	6	18	4,453	19	1,857	22	42,323	21							
		4	Very much	8	24	2,101	9	1,114	14	23,214	11							
		Total		36	100	22,986	100	8,478	100	205,132	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	10	28	3,838	17	1,341	17	37,972	19	<b>2.3</b>	2.5	-.19	2.6	-.29	2.5	-.16
		2	Some	11	31	7,566	33	2,327	27	61,925	30							
		3	Quite a bit	8	21	7,622	33	2,886	33	66,190	32							
		4	Very much	6	20	3,942	17	1,916	23	38,772	19							
		Total		35	100	22,968	100	8,470	100	204,859	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	7	19	4,832	22	1,830	22	46,420	23	<b>2.3</b>	2.3	.06	2.4	-.04	2.3	.05
		2	Some	15	41	9,014	39	2,975	34	74,307	36							
		3	Quite a bit	9	25	6,402	27	2,356	28	56,329	27							
		4	Very much	5	15	2,713	11	1,305	16	27,868	13							
		Total		36	100	22,961	100	8,466	100	204,924	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	0	0	574	3	250	3	5,523	3	<b>3.2</b>	3.3	-.15	3.3	-.17	3.3	-.16
		2	Disagree	6	15	1,555	7	638	7	14,672	7							
		3	Agree	18	52	11,432	49	3,930	46	98,416	47							
		4	Strongly agree	12	33	9,415	41	3,659	44	86,363	42							
		Total		36	100	22,976	100	8,477	100	204,974	100							

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# NSSE 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	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	3	8	1,705	8	509	6	14,007	8	<b>2.9</b>	2.8	.05	3.0	-.15	2.9	-.03	
		2	Disagree	7	17	4,733	21	1,377	16	38,359	19								
		3	Agree	19	53	11,560	49	4,116	49	101,231	49								
		4	Strongly agree	8	22	4,959	22	2,447	29	51,215	25								
		Total		37	100	22,957	100	8,449	100	204,812	100								
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	3	8	1,439	7	432	5	12,058	6	<b>2.8</b>	2.9	-.08	3.0	-.22	2.9	-.13	
		2	Disagree	10	24	4,570	20	1,452	17	37,874	19								
		3	Agree	16	45	11,596	50	4,092	48	101,302	49								
		4	Strongly agree	8	23	5,354	23	2,485	29	53,700	26								
		Total		37	100	22,959	100	8,461	100	204,934	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>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	1	3	87	0	48	1	778	0	<b>15.0</b>	15.2	-.02	14.7	.03	15.4	-.05	
		3	1-5 hrs	2	6	2,884	13	1,114	14	24,706	12								
		8	6-10 hrs	10	30	5,230	23	1,943	24	45,351	22								
		13	11-15 hrs	5	14	4,581	20	1,699	20	41,322	20								
		18	16-20 hrs	8	20	4,208	18	1,519	18	37,380	18								
		23	21-25 hrs	5	13	2,512	11	892	10	22,883	11								
		28	26-30 hrs	4	11	1,489	6	529	6	13,442	7								
		33	More than 30 hrs	1	2	1,900	8	693	8	18,400	9								
Total		36	100	22,891	100	8,437	100	204,262	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	23	60	10,340	44	3,669	48	91,083	46	<b>2.6</b>	4.5 *	▽	-0.29	5.1 **	▽	-0.32	4.7 *	▽	-0.30
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	9	28	6,591	29	2,098	24	54,473	26										
	8	6-10 hrs	2	5	2,670	12	960	10	24,605	12											
	13	11-15 hrs	0	0	1,463	7	647	7	14,572	7											
	18	16-20 hrs	1	3	872	4	450	5	9,113	4											
	23	21-25 hrs	1	3	449	2	272	3	4,779	2											
	28	26-30 hrs	0	0	186	1	124	1	2,047	1											
	33	More than 30 hrs	0	0	277	1	197	2	3,241	2											
	Total		36	100	22,848	100	8,417	100	203,913	100											
	c. Working for pay on campus	tmworkonhrs	0	0 hrs	29	81	16,811	73	5,838	73	148,294										
(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)		3	1-5 hrs	2	7	890	4	541	5	9,761	4										
8		6-10 hrs	1	2	1,533	7	844	8	16,077	7											
13		11-15 hrs	1	3	1,323	6	480	5	11,803	5											
18		16-20 hrs	2	7	1,282	6	453	5	11,100	5											
23		21-25 hrs	0	0	610	3	98	1	3,473	2											
28		26-30 hrs	0	0	202	1	62	1	1,261	1											
33	More than 30 hrs	0	0	204	1	114	1	2,126	1												
Total		35	100	22,855	100	8,430	100	203,895	100												
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	11	33	8,576	40	3,431	39	84,059	41	<b>17.2</b>	12.6 *	▲	.35	14.0	.23	12.9	.32		
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	1	3	1,050	5	420	4	10,092	5										
	8	6-10 hrs	1	2	1,511	6	589	6	13,378	6											
	13	11-15 hrs	2	5	1,872	8	529	6	14,408	7											
	18	16-20 hrs	2	5	2,480	10	718	8	18,679	9											
	23	21-25 hrs	5	12	2,040	8	557	7	14,696	7											
	28	26-30 hrs	2	5	1,465	6	403	5	11,024	5											
33	More than 30 hrs	12	33	3,887	17	1,794	24	37,721	20												
Total		36	100	22,881	100	8,441	100	204,057	100												
Estimated number of hours working for pay	tmworkhrs											<b>18.9</b>	16.3	.20	17.2	.12	16.1	.21			
	(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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		
				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	21	58	12,678	56	4,388	53	109,703	54	<b>2.1</b>	2.7	-12	3.2	-19	3.1	-17	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	35	7,063	31	2,638	30	61,531	30								
	8	6-10 hrs	1	3	1,525	7	710	9	15,968	8									
	13	11-15 hrs	0	0	692	3	297	4	7,418	4									
	18	16-20 hrs	0	0	426	2	168	2	4,223	2									
	23	21-25 hrs	1	3	210	1	89	1	2,062	1									
	28	26-30 hrs	0	0	81	0	29	0	914	0									
	33	More than 30 hrs	0	0	175	1	116	1	2,112	1									
	Total			36	100	22,850	100	8,435	100	203,931	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	0	0	551	2	317	4	6,486	3	<b>8.5</b>	11.8 *	▼	-0.39	10.5	-0.24	11.1	-0.31
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	17	48	5,367	23	2,387	29	53,448	26								
	8	6-10 hrs	9	27	6,530	28	2,384	28	57,330	28									
	13	11-15 hrs	5	14	4,398	19	1,511	18	38,064	19									
	18	16-20 hrs	2	5	2,930	13	886	11	24,041	12									
	23	21-25 hrs	0	0	1,264	6	391	5	10,001	5									
	28	26-30 hrs	0	0	572	3	157	2	4,470	2									
	33	More than 30 hrs	2	7	1,222	6	389	5	10,062	5									
	Total			35	100	22,834	100	8,422	100	203,902	100								
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	15	40	15,742	70	5,194	59	130,936	64	<b>9.9</b>	4.7 *	▲	.54	7.4	.21	6.2	.34
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	6	19	2,398	10	918	11	22,276	11								
	8	6-10 hrs	4	11	1,085	5	440	5	10,961	5									
	13	11-15 hrs	0	0	744	3	302	4	7,210	4									
	18	16-20 hrs	2	7	510	2	232	3	5,512	3									
	23	21-25 hrs	1	3	305	1	133	2	3,125	2									
	28	26-30 hrs	0	0	170	1	97	1	2,066	1									
	33	More than 30 hrs	7	19	1,875	8	1,101	14	21,598	11									
	Total			35	100	22,829	100	8,417	100	203,684	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown	Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				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	0	0 hrs	15	43	5,686	25	3,218	36	65,858	32	<b>4.0</b>	4.6	-.10	4.5	-.07	4.4	-.07
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	35	11,590	51	3,368	40	89,005	43							
	8	6-10 hrs	5	14	3,262	14	980	13	27,130	13								
	13	11-15 hrs	1	2	1,132	5	350	5	10,152	5								
	18	16-20 hrs	0	0	496	2	167	2	4,438	2								
	23	21-25 hrs	1	3	220	1	91	1	2,306	1								
	28	26-30 hrs	0	0	107	0	54	1	1,150	1								
	33	More than 30 hrs	1	2	387	2	194	3	4,014	2								
	Total			36	100	22,880	100	8,422	100	204,053	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	5	13	3,622	17	933	11	26,625	14	<b>2.8</b>	2.7	.12	2.9	-.07	2.8	.00
		2	Some	9	28	7,047	32	2,414	29	58,794	29							
		3	About half	10	29	5,911	25	2,386	28	55,431	27							
		4	Most	9	23	4,390	19	1,899	22	43,426	21							
		5	Almost all	3	7	1,860	8	791	10	19,352	9							
			Total			36	100	22,830	100	8,423	100							
	tmreadinghrs											<b>7.3</b>	6.7	.10	7.5	-.03	7.3	.00
	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																	
	tmreadinghrscol (Collapsed version of tmreadinghrs created by NSSE.)	1	0 hrs	1	3	85	0	48	1	763	0	<b>7.3</b>	6.7	.10	7.5	-.03	7.3	.00
		2	More than zero, up to 5 hrs	12	36	11,431	51	3,890	47	94,057	47							
		3	More than 5, up to 10 hrs	13	36	6,473	28	2,388	28	59,506	29							
		4	More than 10, up to 15 hrs	8	20	2,304	10	851	10	21,670	10							
		5	More than 15, up to 20 hrs	0	0	1,226	5	559	7	12,993	6							
		6	More than 20, up to 25 hrs	0	0	886	4	439	5	9,284	4							
		7	More than 25 hrs	2	5	359	1	217	3	4,602	2							
			Total			36	100	22,764	100	8,392	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	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	1	3	1,388	7	360	4	10,624	6	<b>3.1</b>	2.9	.25	3.1	.09	3.0	.16	
		2	Some	6	16	5,353	24	1,693	20	43,125	22								
		3	Quite a bit	16	43	9,250	40	3,384	40	80,256	39								
		4	Very much	13	37	6,819	29	2,970	35	69,574	34								
		Total		36	100	22,810	100	8,407	100	203,579	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	3	9	1,801	9	455	6	14,261	8	<b>2.9</b>	2.8	.05	3.0	-.13	2.9	-.03	
		2	Some	9	24	5,874	26	1,832	22	47,474	24								
		3	Quite a bit	13	36	8,587	37	3,260	39	76,795	37								
		4	Very much	10	31	6,511	28	2,850	34	64,782	31								
		Total		35	100	22,773	100	8,397	100	203,312	100								
c. Thinking critically and analytically	pgthink	1	Very little	0	0	510	3	161	2	4,424	2	<b>3.3</b>	3.3	.09	3.3	.06	3.3	.06	
		2	Some	4	12	3,018	14	1,061	13	25,380	13								
		3	Quite a bit	15	43	8,934	38	3,181	38	76,964	37								
		4	Very much	16	46	10,318	45	3,993	47	96,628	47								
		Total		35	100	22,780	100	8,396	100	203,396	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	3	7	2,178	9	747	8	19,151	9	<b>3.0</b>	2.9	.14	2.9	.12	2.9	.10	
		2	Some	9	23	6,033	26	2,196	25	50,704	24								
		3	Quite a bit	11	32	7,681	33	2,946	36	68,303	34								
		4	Very much	13	37	6,889	32	2,499	31	65,163	33								
		Total		36	100	22,781	100	8,388	100	203,321	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	4	11	1,871	9	542	7	16,848	9	<b>2.8</b>	2.9	-.09	3.0	-.22	2.9	-.09	
		2	Some	10	27	5,267	23	1,668	20	47,028	23								
		3	Quite a bit	10	30	8,085	35	2,977	35	70,105	34								
		4	Very much	12	33	7,556	33	3,219	38	69,353	34								
		Total		36	100	22,779	100	8,406	100	203,334	100								
f. Working effectively with others	pgothers	1	Very little	3	8	1,065	5	330	4	9,712	5	<b>3.0</b>	3.0	.02	3.1	-.06	3.0	.01	
		2	Some	4	11	4,656	21	1,573	20	40,580	21								
		3	Quite a bit	18	50	9,025	39	3,233	37	78,216	38								
		4	Very much	11	31	8,031	35	3,255	39	74,766	36								
		Total		36	100	22,777	100	8,391	100	203,274	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 2021 Frequencies and Statistical Comparisons

## Miami University-Middletown

### 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-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021		Miami-Middletown		Great Lakes Public		Carnegie Class		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	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	11	2,481	12	637	9	19,470	11	<b>2.9</b>	2.8	.10	3.0	-.11	2.9	.00	
		2	Some	8	20	5,929	27	1,785	21	48,199	24								
		3	Quite a bit	14	40	8,077	35	3,016	35	70,933	34								
		4	Very much	10	28	6,282	27	2,957	35	64,559	31								
		Total		36	100	22,769	100	8,395	100	203,161	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	1	2	2,044	10	739	9	17,622	9	<b>2.9</b>	2.8	.07	2.9	-.02	2.9	.01	
		2	Some	10	30	5,998	27	2,014	24	49,501	25								
		3	Quite a bit	17	44	7,956	34	2,856	33	70,180	34								
		4	Very much	8	24	6,772	29	2,789	33	65,949	32								
		Total		36	100	22,770	100	8,398	100	203,252	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	2	5	1,976	9	680	9	17,290	9	<b>3.1</b>	2.8	.28	2.9	.20	2.9	.23	
		2	Some	6	17	6,170	27	2,076	25	52,858	26								
		3	Quite a bit	16	42	8,482	36	3,053	36	72,936	35								
		4	Very much	12	35	6,144	27	2,575	31	60,184	30								
		Total		36	100	22,772	100	8,384	100	203,268	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	3	8	2,845	14	914	12	23,676	13	<b>2.8</b>	2.7	.12	2.8	.00	2.7	.04	
		2	Some	11	32	6,883	30	2,284	27	57,437	28								
		3	Quite a bit	13	35	7,538	32	2,845	34	66,943	32								
		4	Very much	9	25	5,523	24	2,349	28	55,377	27								
		Total		36	100	22,789	100	8,392	100	203,433	100								
<b>19. How would you evaluate your entire educational experience at this institution?</b>																			
evalexp		1	Poor	0	0	681	3	211	3	5,476	3	<b>3.3</b>	3.1	.24	3.3	.08	3.2	.15	
		2	Fair	1	2	3,294	15	1,039	12	26,532	14								
		3	Good	22	63	10,923	47	3,531	41	90,399	44								
		4	Excellent	12	35	7,944	35	3,640	44	81,627	40								
		Total		35	100	22,842	100	8,421	100	204,034	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	0	0	1,124	5	459	5	10,071	5	<b>3.2</b>	3.2	.02	3.2	-.04	3.2	-.03	
		2	Probably no	6	16	3,065	13	1,149	13	26,673	13								
		3	Probably yes	18	50	9,788	42	3,130	37	81,060	39								
		4	Definitely yes	12	33	8,918	39	3,701	45	86,773	42								
		Total		36	100	22,895	100	8,439	100	204,577	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 2021 Frequencies and Statistical Comparisons

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

### Miami University-Middletown

#### 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-Middletown	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:						
														Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021				
1 a. askquest	79	2.88	2.77	2.88	2.78	.094	.006	.010	.002	.83	.83	.83	.85	21,889	7,432	185,853	.250	.995	.316	.13	.00	.11				
b. CLaskhelp	78	2.19	2.49	2.47	2.45	.106	.006	.011	.002	.94	.90	.90	.93	21,790	7,378	184,470	.003	.007	.014	-.33	-.31	-.28				
c. CLexplain	78	2.23	2.57	2.56	2.52	.093	.006	.010	.002	.82	.85	.87	.89	78	79	77	.000	.001	.002	-.41	-.38	-.34				
d. CLstudy	78	1.89	2.34	2.38	2.33	.113	.007	.012	.002	1.00	.97	.98	.99	21,596	7,298	182,821	.000	.000	.000	-.46	-.49	-.44				
e. CLproject	77	2.29	2.52	2.57	2.49	.107	.006	.011	.002	.94	.88	.90	.91	21,491	7,222	181,544	.022	.006	.053	-.26	-.32	-.22				
f. present	77	1.85	2.14	2.31	2.16	.112	.006	.011	.002	.98	.88	.91	.90	21,442	7,206	181,218	.004	.000	.002	-.33	-.50	-.35				
2 a. RIintegrate	76	2.68	2.56	2.54	2.53	.092	.006	.010	.002	.80	.84	.86	.86	21,130	7,059	178,025	.227	.153	.128	.14	.16	.17				
b. RISocietal	74	2.67	2.55	2.53	2.56	.095	.006	.011	.002	.82	.87	.90	.89	20,903	6,978	176,172	.247	.192	.292	.13	.15	.12				
c. RIDiverse	72	2.70	2.55	2.54	2.57	.115	.006	.011	.002	.98	.90	.93	.91	20,707	6,881	174,258	.161	.157	.220	.17	.17	.14				
d. RIownview	70	2.86	2.74	2.75	2.76	.080	.006	.010	.002	.67	.80	.82	.82	70	71	69	.133	.161	.214	.15	.14	.12				
e. RIPerspect	70	2.99	2.89	2.89	2.91	.093	.006	.010	.002	.77	.79	.80	.80	20,123	6,689	168,550	.326	.322	.416	.12	.12	.10				
f. RInewview	67	2.91	2.82	2.81	2.83	.094	.006	.010	.002	.77	.79	.81	.80	19,773	6,552	165,413	.355	.331	.462	.11	.12	.09				
g. RIconnect	64	3.15	3.02	3.00	3.02	.080	.005	.009	.002	.65	.74	.75	.75	19,473	6,473	162,905	.182	.116	.183	.17	.20	.17				
3 a. SFcareer	64	2.23	2.31	2.35	2.26	.127	.007	.012	.002	1.02	.91	.93	.93	19,451	6,455	162,634	.491	.304	.812	-.09	-.13	-.03				
b. SFotherwork	64	1.96	1.73	1.83	1.73	.129	.006	.012	.002	1.03	.89	.94	.90	19,307	6,424	161,579	.039	.251	.036	.26	.14	.26				
c. SFdiscuss	62	1.92	1.94	2.03	1.94	.123	.006	.011	.002	.97	.87	.91	.90	19,109	6,365	159,734	.872	.369	.889	-.02	-.11	-.02				
d. SFperform	63	2.16	2.07	2.20	2.09	.121	.006	.011	.002	.96	.86	.89	.89	19,080	6,354	159,603	.405	.705	.540	.11	-.05	.08				
4 a. memorize	62	2.85	2.88	2.85	2.86	.096	.006	.010	.002	.75	.81	.80	.82	18,932	6,320	158,207	.742	.941	.854	-.04	-.01	-.02				
b. HOapply	62	2.92	2.89	2.83	2.88	.099	.006	.010	.002	.78	.79	.81	.81	18,819	6,279	157,098	.733	.360	.715	.04	.12	.05				
c. HOanalyze	62	3.05	2.87	2.85	2.89	.090	.006	.010	.002	.71	.81	.82	.82	62	63	61	.050	.033	.078	.22	.24	.20				
d. HOevaluate	61	3.09	2.85	2.88	2.89	.100	.006	.010	.002	.78	.81	.80	.82	18,485	6,169	154,137	.021	.047	.059	.29	.26	.24				
e. HOform	61	3.07	2.86	2.87	2.88	.093	.006	.010	.002	.73	.80	.81	.81	18,357	6,126	153,156	.033	.050	.067	.27	.25	.23				
5 a. ETgoals	61	3.12	3.03	3.06	3.04	.094	.006	.010	.002	.73	.78	.80	.80	18,197	6,085	151,878	.398	.584	.468	.11	.07	.09				
b. ETorganize	60	2.86	2.94	2.99	2.96	.110	.006	.011	.002	.85	.82	.85	.85	18,145	6,053	151,294	.427	.245	.351	-.10	-.15	-.12				
c. ETexample	61	2.94	2.98	3.01	2.98	.094	.006	.011	.002	.73	.82	.84	.84	18,114	6,048	150,957	.714	.511	.666	-.05	-.08	-.06				
d. ETdraftfb	61	2.98	2.75	2.91	2.80	.103	.007	.012	.002	.80	.91	.89	.92	60	6,057	60	.032	.540	.089	.25	.08	.19				
e. ETfeedback	60	2.76	2.67	2.82	2.72	.104	.007	.012	.002	.80	.88	.90	.91	18,007	6,018	150,036	.396	.613	.686	.11	-.07	.05				
f. etcriteria	61	2.94	2.92	3.03	2.98	.104	.010	.017	.003	.81	.83	.84	.85	7,349	2,420	66,376	.889	.382	.725	.02	-.11	-.05				
g. etreview	61	2.93	2.92	3.01	2.95	.109	.009	.017	.003	.85	.81	.81	.83	7,321	2,414	66,139	.910	.448	.856	.01	-.10	-.02				
h. etprefer	61	2.52	2.50	2.68	2.58	.109	.010	.019	.004	.85	.89	.90	.91	7,296	2,404	65,951	.828	.176	.591	.03	-.18	-.07				
i. etdemonstrate	61	3.07	3.06	3.11	3.09	.095	.009	.017	.003	.74	.80	.80	.82	7,284	2,392	65,764	.967	.642	.840	.01	-.06	-.03				

# NSSE 2021 Frequencies and Statistical Comparisons

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

### Miami University-Middletown

#### First-Year Students

Variable Name	N					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-Middletown	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021
6 a. QRconclude	60	2.70	2.57	2.58	2.58	.103	.006	.011	.002	.80	.86	.86	.88	17,642	5,868	146,560	.253	.303	.294	.15	.13	.14
b. QRproblem	60	2.53	2.35	2.35	2.35	.108	.007	.012	.002	.84	.90	.92	.92	17,522	5,834	145,652	.109	.131	.119	.21	.20	.20
c. QRevaluate	59	2.46	2.33	2.32	2.33	.102	.007	.012	.002	.78	.87	.88	.89	17,450	5,794	144,944	.248	.204	.247	.15	.17	.15
7 a. wrshortnum	60	8.16	6.35	6.67	6.49	.890	.043	.078	.015	6.88	5.69	5.93	5.79	17,408	5,784	144,638	.014	.054	.026	.32	.25	.29
b. wrmednum	60	2.48	2.15	2.40	2.31	.438	.025	.047	.009	3.38	3.35	3.54	3.51	17,376	5,765	144,105	.441	.847	.694	.10	.03	.05
c. wrlongnum	60	1.00	.89	1.14	1.03	.328	.021	.043	.008	2.53	2.81	3.26	3.09	17,378	5,759	144,217	.771	.735	.944	.04	-.04	-.01
— wrpages	60	59.32	49.14	55.76	52.74	9.185	.547	1.050	.203	70.99	71.85	79.12	77.00	17,300	5,733	143,328	.274	.729	.509	.14	.04	.09
8 a. DDrace	60	2.55	2.93	2.96	2.97	.109	.007	.012	.002	.84	.90	.92	.94	17,331	5,731	144,033	.001	.001	.001	-.42	-.44	-.44
b. DDeconomic	60	2.60	2.93	2.94	2.94	.121	.007	.012	.002	.93	.88	.90	.91	17,287	5,722	143,613	.003	.004	.004	-.39	-.38	-.38
c. DDreligion	59	2.65	2.89	2.78	2.85	.110	.007	.013	.003	.85	.92	.96	.96	17,304	5,717	143,585	.042	.305	.113	-.27	-.13	-.21
d. DDpolitical	59	2.75	2.86	2.82	2.81	.114	.007	.013	.003	.87	.92	.94	.96	17,304	5,730	143,695	.351	.585	.626	-.12	-.07	-.06
9 a. LSreading	58	3.03	2.96	2.96	2.99	.088	.006	.010	.002	.67	.77	.77	.78	17,178	5,696	142,650	.505	.490	.694	.09	.09	.05
b. LSnotes	59	2.93	2.86	2.91	2.90	.113	.007	.012	.002	.87	.88	.87	.88	17,162	5,676	142,434	.526	.829	.783	.08	.03	.04
c. LSsummary	58	2.87	2.79	2.85	2.83	.112	.007	.011	.002	.85	.86	.86	.87	17,155	5,696	142,478	.481	.802	.702	.09	.03	.05
10 challenge	57	5.70	5.30	5.40	5.39	.152	.009	.017	.003	1.14	1.24	1.28	1.27	17,054	5,656	141,472	.015	.077	.062	.32	.24	.25
11 a. intern <sup>l</sup>	56	2%	6%	6%	6%	.020	.002	.003	.001	--	--	--	--	--	--	--	.238	.272	.201	-.19	-.18	-.21
b. leader <sup>l</sup>	57	4%	9%	8%	9%	.027	.002	.004	.001	--	--	--	--	--	--	--	.213	.302	.247	-.19	-.16	-.18
c. learncom <sup>l</sup>	55	6%	16%	8%	11%	.032	.003	.004	.001	--	--	--	--	--	--	--	.041	.552	.227	-.33	-.09	-.18
d. abroad <sup>l</sup>	55	2%	2%	2%	2%	.020	.001	.002	.000	--	--	--	--	--	--	--	.883	.891	.966	.02	-.02	.01
e. research <sup>l</sup>	57	4%	4%	4%	4%	.025	.002	.003	.001	--	--	--	--	--	--	--	.787	.953	.850	-.04	-.01	-.03
f. capstone <sup>l</sup>	57	2%	2%	2%	2%	.017	.001	.002	.000	--	--	--	--	--	--	--	.995	.849	.860	.00	-.03	-.02
12 servcourse	56	1.50	1.55	1.70	1.59	.087	.005	.010	.002	.65	.66	.72	.70	16,827	5,543	139,175	.573	.042	.333	-.08	-.27	-.13
13 a. QIstudent	51	4.95	5.27	5.39	5.34	.238	.011	.020	.004	1.71	1.43	1.44	1.45	51	5,441	134,867	.185	.031	.056	-.22	-.30	-.27
b. QIadvisor	52	5.66	5.41	5.41	5.38	.195	.012	.022	.004	1.41	1.55	1.58	1.60	16,543	5,453	135,796	.249	.248	.202	.16	.16	.18
c. QIfaculty	52	5.48	5.32	5.44	5.36	.200	.010	.020	.004	1.44	1.35	1.45	1.42	16,555	5,444	136,250	.403	.872	.557	.12	.02	.08
d. QIstaff	39	5.29	5.06	5.18	5.12	.256	.013	.024	.005	1.59	1.59	1.65	1.64	14,582	4,849	120,394	.369	.673	.533	.14	.07	.10
e. QIadmin	47	5.63	5.03	5.27	5.10	.222	.013	.022	.005	1.52	1.58	1.60	1.63	14,797	5,287	126,498	.010	.128	.028	.38	.22	.32

# NSSE 2021 Frequencies and Statistical Comparisons

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

### Miami University-Middletown

#### 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-Middletown	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:						
														Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021				
14 a. empstudy	55	3.21	3.07	3.04	3.08	.107	.006	.010	.002	.79	.74	.75	.76	16,725	5,519	138,304	.171	.114	.207	.19	.21	.17				
b. SEacademic	55	2.91	2.94	3.00	2.98	.131	.006	.012	.002	.97	.83	.86	.85	16,681	5,485	137,903	.744	.433	.517	-.04	-.11	-.09				
c. SElearnsup	55	2.98	2.98	3.02	3.02	.121	.007	.013	.002	.90	.90	.93	.91	16,658	5,510	137,776	.978	.768	.732	.00	-.04	-.05				
d. SEdiverse	55	2.77	2.70	2.73	2.72	.142	.007	.013	.003	1.05	.95	.97	.97	16,636	5,487	137,554	.556	.768	.681	.08	.04	.06				
e. SEsocial	55	2.67	2.82	2.87	2.82	.132	.007	.012	.003	.97	.91	.91	.93	16,620	5,460	137,308	.244	.111	.232	-.16	-.22	-.16				
f. SEwellness	55	2.74	2.81	2.82	2.83	.136	.007	.013	.003	1.01	.90	.93	.93	16,575	5,462	137,089	.589	.521	.482	-.07	-.09	-.10				
g. SENonacad	54	2.52	2.22	2.37	2.29	.150	.007	.013	.003	1.10	.96	.99	.98	53	5,479	136,958	.051	.267	.084	.31	.15	.24				
h. SEactivities	55	2.26	2.60	2.71	2.61	.137	.008	.013	.003	1.01	.96	.97	1.00	16,556	5,466	136,791	.008	.001	.009	-.36	-.47	-.35				
i. SEevents	55	2.33	2.35	2.44	2.39	.127	.007	.013	.003	.94	.95	.98	.97	16,549	5,475	136,840	.856	.386	.615	-.02	-.12	-.07				
15 a. SBmyself	55	3.25	3.22	3.23	3.24	.091	.005	.010	.002	.67	.68	.70	.69	16,543	5,467	136,754	.683	.828	.864	.06	.03	.02				
b. SBvalued	55	3.17	2.93	3.04	2.99	.093	.006	.010	.002	.69	.74	.75	.75	16,523	5,456	136,546	.014	.189	.070	.33	.18	.25				
c. SBcommunity	55	3.07	2.93	3.01	2.97	.103	.006	.011	.002	.77	.77	.79	.78	16,545	5,473	136,721	.166	.526	.335	.19	.09	.13				
16 a. tmprephrs	55	17.35	15.21	13.69	15.01	1.240	.064	.112	.023	9.17	8.23	8.23	8.40	16,497	5,444	136,181	.055	.001	.039	.26	.44	.28				
b. tmcocurrhrs	55	3.52	4.72	5.86	4.95	1.010	.051	.106	.019	7.47	6.50	7.81	6.86	16,461	55	135,840	.172	.025	.123	-.19	-.30	-.21				
c. tmworkonhrs	55	1.14	2.07	2.14	2.00	.604	.042	.076	.015	4.47	5.34	5.56	5.35	54	55	54	.130	.105	.163	-.17	-.18	-.16				
d. tmworkoffhrs	55	11.76	6.42	7.69	6.55	1.669	.078	.151	.029	12.35	9.97	11.10	10.57	54	55	54	.002	.018	.003	.54	.37	.49				
— tmworkhrs	55	12.91	8.47	9.78	8.51	1.836	.088	.167	.032	13.58	11.21	12.23	11.88	54	55	54	.019	.096	.020	.40	.26	.37				
e. tmservicehrs	55	2.82	2.00	2.35	2.24	.843	.033	.068	.013	6.23	4.26	4.96	4.73	54	5,435	135,920	.337	.490	.366	.19	.09	.12				
f. tmrelaxhrs	54	10.15	13.18	12.21	12.40	.998	.067	.121	.024	7.30	8.54	8.87	8.66	16,458	54	135,945	.010	.045	.057	-.35	-.23	-.26				
g. tmcarehrs	54	5.13	2.17	4.04	3.40	1.331	.047	.117	.022	9.77	5.98	8.57	7.94	53	5,422	53	.031	.351	.200	.49	.13	.22				
h. tmcommutehrs	55	1.83	3.68	4.20	3.48	.450	.044	.089	.016	3.33	5.57	6.56	5.89	55	58	54	.000	.000	.001	-.33	-.36	-.28				
17 reading	55	2.74	2.65	2.78	2.74	.127	.008	.014	.003	.94	1.07	1.06	1.09	16,424	5,429	135,675	.513	.818	.985	.09	-.03	.00				
— tmreadinghrs	55	8.09	6.54	6.41	6.80	.875	.044	.079	.016	6.47	5.62	5.74	5.91	54	5,400	135,109	.082	.032	.107	.28	.29	.22				

# NSSE 2021 Frequencies and Statistical Comparisons

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

### Miami University-Middletown

#### 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-Middletown	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:						
														Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021				
18 a. pgwrite	55	2.99	2.72	2.88	2.80	.118	.007	.011	.002	.87	.87	.83	.87	16,396	5,431	135,360	.020	.318	.102	.32	.14	.22				
b. pgspeak	55	2.78	2.60	2.73	2.65	.125	.007	.012	.003	.93	.92	.90	.93	16,387	5,418	135,185	.147	.679	.327	.20	.06	.13				
c. pgthink	55	3.22	3.04	3.06	3.06	.100	.006	.011	.002	.74	.80	.80	.81	16,382	5,425	135,210	.097	.139	.147	.22	.20	.20				
d. pganalyze	55	2.92	2.65	2.69	2.68	.115	.007	.013	.003	.85	.94	.93	.95	54	5,426	54	.024	.070	.039	.29	.25	.26				
e. pgwork	55	2.69	2.56	2.67	2.59	.118	.007	.013	.003	.88	.95	.95	.96	16,370	5,430	135,184	.331	.908	.430	.13	.02	.11				
f. pgothers	55	2.78	2.75	2.83	2.78	.120	.007	.012	.002	.89	.90	.88	.91	16,375	5,403	135,135	.787	.681	.968	.04	-.06	.01				
g. pgvalues	55	2.81	2.62	2.75	2.69	.125	.007	.013	.003	.92	.94	.92	.95	16,369	5,431	135,056	.130	.656	.340	.21	.06	.13				
h. pgdiverse	55	2.97	2.76	2.83	2.79	.110	.007	.013	.003	.81	.93	.93	.94	54	55	54	.057	.190	.105	.23	.16	.19				
i. pgprobsolve	55	2.63	2.59	2.66	2.64	.137	.007	.013	.003	1.01	.93	.93	.94	16,371	5,434	135,190	.789	.767	.940	.04	-.04	-.01				
j. pgcitizen	55	2.66	2.59	2.67	2.65	.138	.007	.013	.003	1.02	.94	.94	.95	16,388	5,433	135,370	.593	.908	.939	.07	-.02	.01				
19 evalexp	54	3.08	3.06	3.11	3.12	.094	.006	.010	.002	.69	.74	.75	.75	16,418	5,469	135,859	.871	.763	.705	.02	-.04	-.05				
20 sameinst	54	3.40	3.18	3.16	3.20	.091	.006	.011	.002	.67	.77	.81	.79	16,492	5,483	136,407	.037	.030	.067	.29	.30	.25				
21 returnexp <sup>l</sup>	55	89%	89%	84%	88%	.0434	.0025	.0050	.0009	--	--	--	--	--	--	--	.994	.317	.931	.00	.15	.01				
22 covidexp	55	3.21	2.93	3.14	3.04	.128	.011	.019	.004	.95	.91	.89	.91	6,767	2,212	60,457	.023	.562	.155	.31	.08	.19				

IPEDS: 204015

# NSSE 2021 Frequencies and Statistical Comparisons

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

### Miami University-Middletown

#### 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-Middletown	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:		
1 a. askquest	48	3.11	2.99	3.19	3.01	.124	.006	.010	.002	.86	.87	.83	.89	24,359	6,495	204,087	.332	.528	.401	.14	-.09	.12	
b. CLaskhelp	48	2.21	2.44	2.38	2.38	.143	.006	.012	.002	.99	.93	.93	.95	24,234	6,468	202,802	.092	.228	.211	-.24	-.17	-.18	
c. CLexplain	48	2.66	2.69	2.67	2.62	.129	.006	.011	.002	.90	.88	.91	.92	24,186	6,470	202,523	.844	.975	.739	-.03	.00	.05	
d. CLstudy	48	2.01	2.39	2.40	2.36	.136	.007	.013	.002	.94	1.01	1.04	1.03	47	48	47	.008	.006	.013	-.37	-.38	-.34	
e. CLproject	48	2.51	2.83	2.74	2.75	.148	.006	.012	.002	1.03	.92	.95	.96	23,983	6,410	200,575	.018	.102	.092	-.34	-.24	-.24	
f. present	48	2.44	2.58	2.70	2.57	.146	.006	.012	.002	1.01	.96	.95	.98	23,932	6,397	200,151	.332	.058	.351	-.14	-.27	-.13	
2 a. RIintegrate	47	3.05	2.91	2.89	2.88	.133	.005	.011	.002	.91	.83	.86	.86	23,665	6,322	198,061	.233	.187	.175	.17	.19	.20	
b. RISocietal	47	2.86	2.73	2.80	2.77	.137	.006	.011	.002	.95	.91	.90	.92	23,523	6,275	196,858	.307	.640	.472	.15	.07	.10	
c. RIDiverse	46	2.71	2.57	2.69	2.61	.164	.006	.012	.002	1.11	.97	.95	.97	23,321	46	195,369	.348	.890	.489	.14	.02	.10	
d. RIownview	46	3.04	2.80	2.90	2.84	.135	.006	.011	.002	.92	.84	.83	.84	23,140	6,182	193,677	.056	.241	.104	.28	.17	.24	
e. RIPerspect	45	3.12	2.95	3.01	2.98	.117	.005	.010	.002	.79	.81	.80	.82	22,843	6,110	191,026	.151	.330	.223	.21	.15	.18	
f. RInewview	42	3.02	2.93	2.96	2.96	.116	.005	.010	.002	.75	.79	.80	.80	22,573	6,040	188,575	.462	.627	.589	.11	.08	.08	
g. RIconnect	42	3.24	3.17	3.19	3.18	.118	.005	.010	.002	.77	.73	.74	.74	22,317	5,990	186,626	.522	.640	.589	.10	.07	.08	
3 a. SFcareer	44	2.17	2.40	2.56	2.40	.170	.007	.013	.002	1.12	.99	1.00	.99	22,311	6,000	186,443	.126	.012	.141	-.23	-.38	-.22	
b. SFotherwork	42	1.82	1.92	2.04	1.92	.149	.007	.014	.002	.96	1.01	1.04	1.01	22,195	5,965	185,594	.496	.166	.527	-.11	-.22	-.10	
c. SFdiscuss	42	2.09	2.12	2.26	2.11	.157	.006	.013	.002	1.02	.93	.98	.96	22,042	5,923	184,094	.832	.242	.896	-.03	-.18	-.02	
d. SFperform	41	2.25	2.12	2.35	2.18	.162	.006	.012	.002	1.04	.91	.93	.93	40	5,924	184,102	.443	.474	.639	.14	-.11	.07	
4 a. memorize	41	2.84	2.72	2.76	2.74	.141	.006	.012	.002	.91	.88	.88	.89	21,871	5,878	182,813	.400	.588	.508	.13	.08	.10	
b. HOapply	41	3.26	3.03	3.06	3.05	.120	.005	.011	.002	.77	.80	.80	.81	21,802	5,853	181,957	.075	.120	.096	.28	.24	.26	
c. HOanalyze	39	3.09	2.98	3.03	3.02	.143	.006	.011	.002	.90	.82	.82	.82	21,626	5,796	180,192	.405	.629	.602	.13	.08	.08	
d. HOevaluate	38	3.03	2.87	3.00	2.94	.133	.006	.011	.002	.82	.86	.83	.86	21,521	5,762	179,189	.257	.810	.525	.18	.04	.10	
e. HOform	38	3.05	2.91	3.00	2.96	.142	.006	.011	.002	.88	.83	.80	.83	21,417	5,732	178,300	.284	.675	.516	.17	.07	.10	
5 a. ETgoals	39	3.16	3.09	3.17	3.12	.133	.005	.011	.002	.83	.80	.80	.80	21,289	5,688	177,066	.543	.975	.736	.10	-.01	.05	
b. ETorganize	38	3.11	2.99	3.08	3.03	.130	.006	.011	.002	.81	.83	.85	.85	21,251	5,671	176,589	.379	.820	.536	.14	.04	.10	
c. ETexample	38	2.97	3.05	3.11	3.07	.141	.006	.011	.002	.87	.84	.84	.85	21,209	5,666	176,291	.567	.301	.487	-.09	-.17	-.11	
d. ETdraftfb	38	2.76	2.73	2.94	2.79	.155	.007	.012	.002	.96	.96	.93	.96	21,182	5,651	175,945	.870	.242	.858	.03	-.19	-.03	
e. ETfeedback	37	2.88	2.75	2.93	2.80	.148	.006	.012	.002	.90	.91	.90	.92	21,118	5,634	175,355	.405	.722	.623	.14	-.06	.08	
f. etcriteria	37	2.89	2.95	3.13	3.03	.137	.010	.017	.003	.84	.86	.83	.86	8,125	2,322	77,250	.631	.077	.311	-.08	-.29	-.17	
g. etreview	38	2.97	2.97	3.11	3.01	.144	.009	.017	.003	.89	.83	.80	.84	8,100	2,319	77,051	.959	.283	.774	.01	-.17	-.05	
h. etprefer	38	2.81	2.59	2.82	2.68	.139	.010	.019	.003	.86	.92	.91	.93	8,084	2,313	76,894	.140	.965	.382	.24	-.01	.14	
i. etdemonstrate	38	2.95	3.08	3.20	3.12	.140	.009	.017	.003	.87	.82	.79	.83	8,071	2,310	76,783	.321	.051	.206	-.16	-.32	-.20	

# NSSE 2021 Frequencies and Statistical Comparisons

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

### Miami University-Middletown

#### Seniors

Variable Name	N					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-Middletown	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021
6 a. QRconclude	38	2.77	2.62	2.65	2.65	.169	.006	.012	.002	1.05	.91	.91	.92	20,736	5,551	172,146	.316	.400	.428	.16	.14	.13
b. QRproblem	38	2.51	2.41	2.47	2.45	.161	.007	.013	.002	1.00	.96	.95	.96	20,652	5,522	171,348	.510	.795	.723	.11	.04	.06
c. QRevaluate	38	2.51	2.42	2.44	2.45	.149	.006	.013	.002	.92	.92	.93	.93	20,585	5,497	170,657	.566	.663	.689	.09	.07	.06
7 a. wrshortnum	38	6.33	7.33	7.74	7.61	1.110	.046	.090	.016	6.88	6.56	6.69	6.69	20,494	5,506	170,078	.347	.193	.237	-.15	-.21	-.19
b. wrmednum	38	2.71	3.23	3.69	3.60	.711	.030	.061	.011	4.41	4.25	4.48	4.59	20,422	5,472	169,380	.450	.177	.229	-.12	-.22	-.19
c. wrlongnum	38	1.94	1.78	2.03	2.01	.670	.025	.052	.010	4.16	3.64	3.86	3.93	20,478	5,494	169,773	.782	.887	.908	.04	-.02	-.02
— wrpages	38	69.75	74.12	82.70	81.31	17.851	.651	1.333	.244	110.71	92.80	98.02	99.93	20,328	5,446	168,402	.771	.415	.473	-.05	-.13	-.12
8 a. DDrace	38	2.89	2.95	2.99	3.02	.162	.007	.013	.002	1.00	.93	.95	.94	20,469	5,494	169,692	.704	.501	.379	-.06	-.11	-.14
b. DDeconomic	38	2.95	2.97	3.00	3.00	.156	.006	.012	.002	.97	.88	.90	.90	20,401	5,477	169,168	.872	.716	.704	-.03	-.06	-.06
c. DDreligion	38	2.86	2.92	2.86	2.92	.166	.006	.013	.002	1.03	.92	.96	.95	20,403	5,475	169,155	.663	.997	.719	-.07	.00	-.06
d. DDpolitical	38	2.85	2.86	2.92	2.86	.171	.007	.013	.002	1.06	.93	.94	.96	20,412	5,480	169,272	.958	.658	.949	-.01	-.07	-.01
9 a. LSreading	38	2.95	3.01	3.11	3.08	.145	.006	.011	.002	.90	.82	.79	.81	20,333	5,460	168,467	.657	.209	.337	-.07	-.20	-.15
b. LSnotes	38	2.87	2.78	2.90	2.86	.158	.007	.013	.002	.98	.94	.94	.93	20,323	5,453	168,298	.523	.879	.920	.10	-.02	.02
c. LSsummary	38	3.10	2.78	2.91	2.86	.134	.006	.012	.002	.83	.90	.88	.90	20,314	5,453	168,282	.031	.192	.105	.35	.21	.26
10 challenge	38	5.18	5.38	5.62	5.51	.275	.009	.018	.003	1.69	1.34	1.31	1.34	20,217	5,419	167,215	.354	.041	.133	-.15	-.34	-.24
11 a. intern <sup>l</sup>	38	52%	52%	49%	46%	.0825	.0035	.0068	.0012	--	--	--	--	--	--	--	.961	.669	.412	.01	.07	.13
b. leader <sup>l</sup>	38	25%	36%	32%	33%	.0715	.0034	.0064	.0011	--	--	--	--	--	--	--	.175	.374	.323	-.23	-.15	-.17
c. learncom <sup>l</sup>	38	33%	26%	24%	22%	.0774	.0031	.0058	.0010	--	--	--	--	--	--	--	.323	.193	.103	.16	.20	.25
d. abroad <sup>l</sup>	38	9%	14%	9%	12%	.0479	.0024	.0040	.0008	--	--	--	--	--	--	--	.443	.996	.572	-.14	.00	-.10
e. research <sup>l</sup>	38	15%	23%	23%	22%	.0585	.0030	.0057	.0010	--	--	--	--	--	--	--	.242	.236	.282	-.21	-.21	-.19
f. capstone <sup>l</sup>	38	55%	45%	51%	44%	.0822	.0035	.0068	.0012	--	--	--	--	--	--	--	.232	.673	.180	.19	.07	.22
12 servcourse	36	1.89	1.71	1.84	1.74	.119	.005	.010	.002	.72	.70	.74	.72	19,978	5,343	165,184	.129	.721	.219	.25	.06	.20
13 a. QIstudent	35	5.69	5.53	5.64	5.56	.240	.009	.019	.003	1.43	1.32	1.35	1.38	19,654	5,180	160,139	.475	.809	.572	.12	.04	.10
b. QIadvisor	35	5.05	5.17	5.62	5.29	.339	.013	.022	.004	2.01	1.76	1.60	1.75	19,670	35	162,308	.688	.100	.409	-.07	-.36	-.14
c. QIfaculty	36	5.74	5.43	5.68	5.50	.261	.010	.019	.004	1.57	1.37	1.37	1.42	19,783	5,275	163,113	.172	.795	.312	.23	.04	.17
d. QIstaff	21	5.12	4.91	5.04	5.00	.453	.013	.027	.005	2.09	1.70	1.77	1.74	16,012	4,335	133,650	.575	.846	.751	.12	.04	.07
e. QIadmin	33	4.89	4.88	5.17	4.99	.358	.013	.024	.004	2.07	1.69	1.72	1.73	33	33	33	.988	.432	.767	.00	-.17	-.06



# NSSE 2021 Frequencies and Statistical Comparisons

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

### Miami University-Middletown

#### 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-Middletown	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:		
															Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021
14 a. empstudy	36	3.39	3.09	3.12	3.13	.112	.005	.011	.002	.67	.77	.77	.77	19,887	5,298	164,452	.019	.043	.047	.39	.34	.33	
b. SEacademic	36	2.86	2.85	2.99	2.89	.122	.006	.012	.002	.73	.85	.87	.88	19,844	5,301	164,143	.904	.393	.834	.02	-.14	-.04	
c. SElearnsup	36	2.70	2.77	2.92	2.83	.168	.007	.013	.002	1.00	.94	.95	.95	19,812	5,285	163,931	.653	.164	.404	-.08	-.23	-.14	
d. SEdiverse	36	2.65	2.56	2.68	2.61	.167	.007	.014	.002	1.00	.98	1.00	1.00	19,787	5,264	163,708	.601	.825	.823	.09	-.04	.04	
e. SESocial	36	2.50	2.76	2.85	2.76	.161	.007	.013	.002	.96	.91	.93	.95	19,783	5,276	163,507	.089	.026	.104	-.29	-.37	-.27	
f. SEwellness	36	2.58	2.66	2.74	2.69	.137	.007	.013	.002	.82	.95	.97	.97	19,751	5,255	163,350	.624	.332	.501	-.08	-.16	-.11	
g. SENonacad	36	2.39	2.01	2.19	2.10	.190	.007	.014	.002	1.13	.95	1.02	.99	35	5,258	163,137	.057	.262	.083	.39	.19	.29	
h. SEactivities	34	2.32	2.51	2.62	2.49	.188	.007	.014	.003	1.10	.96	1.01	1.01	19,713	5,252	162,864	.261	.092	.345	-.19	-.29	-.16	
i. SEevents	36	2.35	2.29	2.38	2.29	.162	.007	.014	.002	.97	.93	1.00	.98	19,713	5,248	162,913	.707	.824	.754	.06	-.04	.05	
15 a. SBmyself	36	3.18	3.29	3.31	3.30	.113	.005	.010	.002	.68	.71	.73	.73	19,729	5,262	162,998	.383	.309	.342	-.15	-.17	-.16	
b. SBvalued	36	2.89	2.84	3.01	2.92	.140	.006	.012	.002	.84	.85	.83	.85	19,713	5,241	162,853	.752	.365	.844	.05	-.15	-.03	
c. SBcommunity	36	2.83	2.90	3.01	2.95	.146	.006	.011	.002	.88	.84	.82	.84	19,709	5,247	162,923	.645	.190	.416	-.08	-.22	-.13	
16 a. tmprephrs	36	15.00	15.19	14.75	15.42	1.389	.063	.122	.022	8.29	8.84	8.83	8.91	19,644	5,231	162,382	.900	.864	.778	-.02	.03	-.05	
b. tmcocurrhrs	36	2.59	4.51	5.07	4.67	.881	.048	.107	.018	5.26	6.65	7.73	7.05	35	36	35	.036	.008	.024	-.29	-.32	-.30	
c. tmworkonhrs	35	2.10	3.69	3.29	3.25	.884	.051	.094	.017	5.20	7.19	6.81	6.80	34	5,224	162,102	.082	.305	.322	-.22	-.17	-.17	
d. tmworkoffhrs	36	17.17	12.63	13.98	12.90	2.415	.092	.190	.033	14.42	12.87	13.72	13.35	19,639	5,235	162,235	.035	.167	.056	.35	.23	.32	
— tmworkhrs	35	18.94	16.30	17.25	16.13	2.357	.093	.192	.034	13.86	12.96	13.81	13.60	19,574	5,214	161,559	.233	.474	.226	.20	.12	.21	
e. tmservicehrs	36	2.11	2.72	3.19	3.07	.738	.037	.080	.014	4.40	5.11	5.76	5.63	19,617	5,228	162,128	.478	.265	.312	-.12	-.19	-.17	
f. tmrelaxhrs	34	8.52	11.80	10.45	11.07	1.380	.060	.114	.021	8.10	8.41	8.19	8.32	19,598	5,219	162,079	.022	.168	.072	-.39	-.24	-.31	
g. tmcarehrs	35	9.93	4.67	7.41	6.19	2.196	.070	.167	.027	12.96	9.75	11.99	11.06	34	5,218	34	.022	.216	.098	.54	.21	.34	
h. tmcommutehrs	36	4.00	4.56	4.50	4.45	1.110	.042	.094	.016	6.62	5.86	6.76	6.30	19,640	5,222	162,225	.569	.665	.673	-.10	-.07	-.07	
17 reading	36	2.83	2.69	2.91	2.83	.193	.008	.016	.003	1.15	1.18	1.15	1.18	19,592	5,220	161,841	.485	.694	1.000	.12	-.07	.00	
— tmreadinghrs	36	7.31	6.68	7.49	7.34	1.040	.043	.094	.016	6.21	6.03	6.74	6.48	19,534	5,202	161,205	.534	.876	.977	.10	-.03	.00	

# NSSE 2021 Frequencies and Statistical Comparisons

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

### Miami University-Middletown

#### 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-Middletown	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Miami-Middletown	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:						
														Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021	Great Lakes Public	Carnegie Class	NSSE 2020 & 2021				
18 a. pgwrite	36	3.14	2.92	3.06	3.01	.137	.006	.012	.002	.82	.89	.85	.89	19,575	5,211	161,828	.135	.578	.354	.25	.09	.16				
b. pgspeak	35	2.89	2.84	3.01	2.92	.164	.007	.012	.002	.97	.93	.89	.93	19,541	5,205	161,586	.766	.437	.864	.05	-.13	-.03				
c. pgthink	35	3.34	3.27	3.30	3.29	.117	.006	.011	.002	.69	.79	.77	.78	19,543	5,202	161,679	.588	.741	.720	.09	.06	.06				
d. pganalyze	36	3.00	2.87	2.89	2.91	.160	.007	.013	.002	.95	.96	.94	.96	19,550	5,197	161,603	.409	.467	.562	.14	.12	.10				
e. pgwork	36	2.84	2.93	3.04	2.93	.170	.007	.013	.002	1.01	.95	.93	.96	19,543	5,209	161,615	.581	.199	.573	-.09	-.22	-.09				
f. pgothers	36	3.05	3.03	3.10	3.04	.145	.006	.012	.002	.86	.87	.87	.89	19,538	5,199	161,543	.912	.704	.971	.02	-.06	.01				
g. pgvalues	36	2.85	2.76	2.96	2.85	.163	.007	.013	.002	.97	.98	.95	.98	19,540	5,203	161,465	.567	.508	.981	.10	-.11	.00				
h. pgdiverse	36	2.89	2.82	2.91	2.88	.134	.007	.013	.002	.80	.96	.97	.97	35	5,205	161,513	.609	.919	.953	.07	-.02	.01				
i. pgprobsolve	36	3.07	2.81	2.88	2.85	.145	.007	.013	.002	.87	.94	.95	.95	19,551	5,195	161,561	.099	.228	.166	.28	.20	.23				
j. pgcitizen	36	2.78	2.66	2.78	2.74	.156	.007	.014	.002	.93	.99	.98	.99	19,568	5,204	161,697	.487	.992	.790	.12	.00	.04				
19 evalexp	35	3.32	3.14	3.26	3.20	.089	.006	.011	.002	.52	.78	.78	.78	19,609	35	34	.162	.481	.188	.24	.08	.15				
20 sameinst	36	3.17	3.16	3.21	3.20	.116	.006	.012	.002	.69	.84	.87	.85	19,661	5,245	162,706	.918	.790	.844	.02	-.04	-.03				
21 covidexp	36	3.26	2.92	3.13	3.02	.135	.011	.020	.004	.81	.92	.93	.94	7,550	2,153	71,556	.028	.374	.119	.37	.15	.26				

IPEDS: 204015

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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."