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# **NSSE 2017 Topical Module Report**

## **First-Year Experiences and Senior Transitions**

Miami University-Middletown

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## About This Topical Module

This module includes a set of items only for first-year students and a set only for seniors, with questions adapted from the Beginning College Survey of Student Engagement and the Strategic National Arts Alumni Project, respectively. The first-year items focus on academic perseverance, help-seeking behaviors, and institutional commitment, while the senior items explore post-graduation plans, links between the academic major and future plans, and confidence with skills developed during college.

## Comparison Group

This section summarizes how this module's comparison group was identified, including selection criteria and whether the default option was taken. This is followed by the resulting list of institutions represented in the 'Bacc. Colleges' column of this report.

Group label	Bacc. Colleges
Date submitted	5/18/17
How was this comparison group constructed?	Your institution customized this group by selecting institutional characteristics as follows:  Basic Classification (Bac/A&S, Bac/Div)
Group description	All current year (2017) and prior year (2016) NSSE institutions identified by their Carnegie classification as a baccalaureate college.

## Bacc. Colleges (N=84)

Alma College (Alma, MI)	Jarvis Christian College (Hawkins, TX)
Arizona Christian University (Phoenix, AZ)	Johnson & Wales University-North Miami (North Miami, FL)*
Austin College (Sherman, TX)	Kansas Wesleyan University (Salina, KS)
Bard College (Annandale-On-Hudson, NY)	Kentucky State University (Frankfort, KY)
Barton College (Wilson, NC)*	Kenyon College (Gambier, OH)
Bethany College (Bethany, WV)	Keystone College (La Plume, PA)*
Bethany Lutheran College (Mankato, MN)	Lake Forest College (Lake Forest, IL)
Birmingham-Southern College (Birmingham, AL)*	Lander University (Greenwood, SC)*
Bridgewater College (Bridgewater, VA)*	Lane College (Jackson, TN)*
Buena Vista University (Storm Lake, IA)*	Lewis & Clark College (Portland, OR)*
California State University Maritime Academy (Vallejo, CA)	Louisiana State University at Alexandria (Alexandria, LA)
Catawba College (Salisbury, NC)	Luther College (Decorah, IA)
Central College (Pella, IA)*	Manchester University (North Manchester, IN)
College of Saint Benedict and Saint John's University, The (Saint Joseph, MN)*	Marymount California University (Rancho Palos Verdes, CA)*
College of the Holy Cross (Worcester, MA)	Marymount Manhattan College (New York, NY)
Concordia College-New York (Bronxville, NY)	McMurry University (Abilene, TX)*
Crown College (Saint Bonifacius, MN)	Missouri Valley College (Marshall, MO)
Culver-Stockton College (Canton, MO)	Muhlenberg College (Allentown, PA)
Davis & Elkins College (Elkins, WV)	New College of Florida (Sarasota, FL)
Drew University (Madison, NJ)	Newbury College-Brookline (Brookline, MA)
Finlandia University (Hancock, MI)*	North Central University (Minneapolis, MN)
Gordon College (Wenham, MA)*	Northwestern College (Orange City, IA)*
Goucher College (Baltimore, MD)	Olivet College (Olivet, MI)
Guilford College (Greensboro, NC)*	Paine College (Augusta, GA)
Hampshire College (Amherst, MA)*	Randolph-Macon College (Ashland, VA)
Hanover College (Hanover, IN)	Rogers State University (Claremore, OK)
Hartwick College (Oneonta, NY)*	Saint Joseph's College (Rensselaer, IN)*
Hiram College (Hiram, OH)	Scripps College (Claremont, CA)
Hollins University (Roanoke, VA)	Sewanee: The University of the South (Sewanee, TN)
Inter American University of Puerto Rico-Fajardo (Fajardo, PR)	Southern Vermont College (Bennington, VT)

## Bacc. Colleges (N=84), continued

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Spelman College (Atlanta, GA)\*  
St. Francis College (Brooklyn Heights, NY)\*  
St. Gregory's University (Shawnee, OK)  
St. Lawrence University (Canton, NY)  
St. Mary's College of Maryland (Saint Mary's City, MD)\*  
Susquehanna University (Selinsgrove, PA)  
Texas College (Tyler, TX)  
Trine University (Angola, IN)\*  
Truett McConnell University (Cleveland, GA)\*  
University of Arkansas at Pine Bluff (Pine Bluff, AR)  
University of Hawai'i-West O'ahu (Kapolei, HI)\*  
University of Minnesota, Morris (Morris, MN)  
University of Mount Olive (Mount Olive, NC)  
University of Pittsburgh-Bradford (Bradford, PA)  
University of the Ozarks (Clarksville, AR)  
Urbana University (Urbana, OH)  
Vassar College (Poughkeepsie, NY)  
Washington College (Chestertown, MD)\*  
Webber International University (Babson Park, FL)  
Wheaton College (Wheaton, IL)  
William Jessup University (Rocklin, CA)  
Wilson College (Chambersburg, PA)  
Wittenberg University (Springfield, OH)\*  
Wofford College (Spartanburg, SC)

\*2016 participant

## First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				Miami-Middletown		Bacc. Colleges		Miami-Middletown	Bacc. Colleges	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
<b>1. During the current school year, about how often have you done the following?</b>										
a. Studied when there were other interesting things to do	FYSfy01a	1	Never	3	5	271	4	<b>2.6</b>	2.8	-.25
		2	Sometimes	24	43	2,713	36			
		3	Often	23	41	2,941	38			
		4	Very often	7	12	1,750	22			
		Total		57	100	7,675	100			
b. Found additional information for course assignments when you didn't understand the material	FYSfy01b	1	Never	2	5	271	4	<b>2.7</b>	2.8	-.18
		2	Sometimes	21	36	2,479	32			
		3	Often	27	48	3,443	45			
		4	Very often	6	11	1,463	19			
		Total		56	100	7,656	100			
c. Participated in course discussions, even when you didn't feel like it	FYSfy01c	1	Never	6	10	347	5	<b>2.6</b>	2.7	-.18
		2	Sometimes	21	33	2,713	35			
		3	Often	22	42	3,190	42			
		4	Very often	8	14	1,418	19			
		Total		57	100	7,668	100			
d. Asked instructors for help when you struggled with course assignments	FYSfy01d	1	Never	2	4	503	7	<b>2.7</b>	2.7	.00
		2	Sometimes	24	43	2,947	38			
		3	Often	21	36	2,822	37			
		4	Very often	10	17	1,388	18			
		Total		57	100	7,660	100			
e. Finished something you have started when you encountered challenges	FYSfy01e	1	Never	1	2	59	1	<b>3.0</b>	3.1	-.12
		2	Sometimes	9	16	1,323	18			
		3	Often	34	58	3,862	50			
		4	Very often	13	23	2,411	31			
		Total		57	100	7,655	100			
f. Stayed positive, even when you did poorly on a test or assignment	FYSfy01f	1	Never	4	8	254	3	<b>2.8</b>	2.9	-.07
		2	Sometimes	16	26	2,276	29			
		3	Often	23	41	3,308	43			
		4	Very often	14	25	1,813	25			
		Total		57	100	7,651	100			
<b>2. During the current school year, how difficult have the following been for you?</b>										
a. Learning course material	FYSfy02a	1	Not at all difficult	1	1	375	5	<b>3.4</b>	3.4	.03
		2	2	6	10	1,309	18			
		3	3	24	45	2,322	30			
		4	4	21	34	2,572	33			
		5	5	5	9	840	11			
		6	Very difficult	0	0	244	3			
		Total		57	100	7,662	100			
b. Managing your time	FYSfy02b	1	Not at all difficult	5	9	423	6	<b>3.6</b>	3.7	-.10
		2	2	9	15	1,024	14			
		3	3	12	21	1,803	24			
		4	4	15	28	2,102	27			
		5	5	11	17	1,434	18			
		6	Very difficult	5	10	873	11			
		Total		57	100	7,659	100			

## First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				Miami-Middletown		Bacc. Colleges		Miami-Middletown	Bacc. Colleges	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
c. Getting help with school work	FYSfy02c	1	Not at all difficult	9	15	1,320	18	<b>2.7</b>	2.8	-.04
		2	2	18	31	2,140	28			
		3	3	16	27	2,063	27			
		4	4	12	23	1,440	19			
		5	5	2	4	501	7			
		6	Very difficult	0	0	187	3			
		Total		57	100	7,651	100			
d. Interacting with faculty	FYSfy02d	1	Not at all difficult	15	25	1,796	25	<b>2.5</b>	2.6	-.05
		2	2	21	36	2,206	28			
		3	3	6	12	1,754	23			
		4	4	10	19	1,253	16			
		5	5	4	7	459	6			
		6	Very difficult	1	1	179	3			
		Total		57	100	7,647	100			
<b>3. During the current school year, about how often have you sought help with coursework from the following sources?</b>										
a. Faculty members	FYSfy03a_16	1	Never	6	11	900	13	<b>2.3</b>	2.3	-.03
		2	Sometimes	30	53	3,903	51			
		3	Often	18	30	2,091	27			
		4	Very often	3	6	759	9			
		Total		57	100	7,653	100			
b. Academic advisors	FYSfy03b_16	1	Never	26	45	3,217	41	<b>1.7</b>	1.8	-.12
		2	Sometimes	21	37	3,006	39			
		3	Often	10	18	1,064	15			
		4	Very often	0	0	357	5			
		Total		57	100	7,644	100			
c. Learning support services (tutoring, writing center, success coaching, etc.)	FYSfy03c_16	1	Never	32	53	2,644	35	<b>1.7</b>	2.0 *	-.30
		2	Sometimes	15	26	2,848	37			
		3	Often	7	15	1,452	19			
		4	Very often	3	6	691	9			
		Total		57	100	7,635	100			
d. Friends or other students	FYSfy03d_16	1	Never	2	4	379	6	<b>2.7</b>	2.8	-.15
		2	Sometimes	22	42	2,244	30			
		3	Often	22	37	3,132	40			
		4	Very often	10	18	1,889	24			
		Total		56	100	7,644	100			
e. Family members	FYSfy03e_16	1	Never	16	29	3,217	42	<b>2.0</b>	1.9	.10
		2	Sometimes	27	46	2,576	34			
		3	Often	12	22	1,290	17			
		4	Very often	2	3	563	7			
		Total		57	100	7,646	100			
f. Other persons or offices	FYSfy03f_16	1	Never	30	52	4,630	60	<b>1.7</b>	1.6	.21
		2	Sometimes	15	27	2,150	29			
		3	Often	10	18	618	9			
		4	Very often	2	3	220	3			
		Total		57	100	7,618	100			

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

## First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				Miami-Middletown		Bacc. Colleges		Miami-Middletown	Bacc. Colleges	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
<b>4a. During the current school year, have you seriously considered leaving this institution?<sup>j</sup></b>										
	FYSfy04a	No		46	82	4,902	64	<b>18%</b>	36% **	-.43
		Yes		11	18	2,749	36			
		Total		57	100	7,651	100			
<b>4b. [If answered "yes"] Why did you consider leaving? (Select all that apply.)</b>										
	FYSfy04b_1_16	—	Academics are too difficult	2	21	305	10			
	FYSfy04b_2_16	—	Academics are too easy	2	16	256	10			
	FYSfy04b_3_16	—	Other academic issues (major not offered, course availability, advising, credit transfer, etc.)	5	52	649	24			
	FYSfy04b_4_16	—	Financial concerns (costs or financial aid)	4	40	1,219	43			
	FYSfy04b_5_16	—	To change your career options (transfer to another school or program, military service, etc.)	5	49	461	18			
	FYSfy04b_6_16	—	Difficulty managing demands of school and work	3	30	259	9			
	FYSfy04b_7_16	—	Too much emphasis on partying	0	0	162	6			
	FYSfy04b_8_16	—	Not enough opportunities to socialize and have fun	4	40	631	24			
	FYSfy04b_9_16	—	Relations with faculty and staff	1	8	267	10			
	FYSfy04b_10_16	—	Relations with other students	0	0	694	24			
	FYSfy04b_11_16	—	Campus climate, location, or culture	2	18	936	34			
	FYSfy04b_12_16	—	Unsafe or hostile environment	1	8	156	6			
	FYSfy04b_13_16	—	Personal reasons (family issues, physical or mental health, homesickness, stress, etc.)	6	60	916	32			
	FYSfy04b_14_16	—	A reason not listed above, please specify:	0	0	414	17			
<b>5. How important is it to you that you graduate from <i>this institution</i>?</b>										
	FYSfy05	1	Not important	2	3	393	6	<b>5.0</b>	4.9	.02
		2	2	2	4	314	4			
		3	3	5	9	522	7			
		4	4	9	16	946	12			
		5	5	10	17	1,183	15			
		6	Very important	29	52	4,248	55			
		Total		57	100	7,606	100			

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

#### First-Year Students

Variable name	N	Mean		Standard error <sup>f</sup>		Standard deviation <sup>g</sup>		DF <sup>h</sup>	Sig. <sup>i</sup>	Effect size <sup>d</sup>
		Miami-Middletown	Bacc. Colleges	Miami-Middletown	Bacc. Colleges	Miami-Middletown	Bacc. Colleges			
FYSfy01a	56	2.59	2.79	.10	.01	0.77	0.83	4,973	.064	-.25
FYSfy01b	55	2.65	2.80	.10	.01	0.74	0.78	4,961	.175	-.18
FYSfy01c	56	2.60	2.75	.11	.01	0.86	0.81	4,968	.173	-.18
FYSfy01d	56	2.66	2.66	.11	.01	0.81	0.84	4,963	.974	.00
FYSfy01e	56	3.02	3.11	.09	.01	0.71	0.71	4,960	.355	-.12
FYSfy01f	56	2.84	2.89	.12	.01	0.90	0.81	4,956	.619	-.07
FYSfy02a	56	3.38	3.35	.11	.02	0.85	1.15	57	.785	.03
FYSfy02b	56	3.58	3.72	.19	.02	1.43	1.38	4,963	.455	-.10
FYSfy02c	56	2.71	2.76	.15	.02	1.10	1.28	4,958	.746	-.04
FYSfy02d	56	2.51	2.58	.18	.02	1.33	1.31	4,956	.698	-.05
FYSfy03a_16	56	2.31	2.33	.10	.01	0.76	0.82	4,960	.826	-.03
FYSfy03b_16	56	1.73	1.83	.10	.01	0.75	0.85	4,956	.366	-.12
FYSfy03b_16	56	1.73	2.01	.12	.01	0.92	0.94	4,947	.026	-.30
FYSfy03b_16	55	2.69	2.82	.11	.01	0.81	0.86	4,953	.254	-.15
FYSfy03e_16	56	1.99	1.90	.11	.01	0.80	0.93	57	.380	.10
FYSfy03f_16	56	1.72	1.55	.12	.01	0.87	0.78	4,938	.115	.21
FYSfy04a <sup>k</sup>	56	.176	.363	.0513	.0069	--	--	--	.004	-.43
FYSfy05	56	4.96	4.92	.18	.02	1.36	1.50	4,928	.864	.02

See the endnotes on the last page of this report.



## Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				Miami-Middletown		Bacc. Colleges		Miami-Middletown	Bacc. Colleges	
				Count	%	Count	%	Mean	Mean	Effect size <sup>d</sup>
<b>1. Do you expect to graduate this spring or summer?</b>										
	FYSsr01_16	No		15	45	1,093	16			
		Yes		20	55	6,854	84			
		Total		35	100	7,947	100			
<b>1a. [Excludes those who answered "No," not expecting spring/summer graduation] After graduation, what best describes your immediate plans?</b>										
	FYSsr01a	—	Full-time employment	15	75	3,700	55			
		—	Part-time employment	1	4	339	5			
		—	Graduate or professional school	2	11	1,509	21			
		—	Military service	0	0	54	1			
		—	Service or volunteer activity (AmeriCorps, Peace Corps, Teach for America, etc.)	0	0	174	2			
		—	Internship (paid or unpaid)	1	4	328	5			
		—	Travel or gap year	1	7	306	4			
		—	No plans at this time	0	0	295	4			
		—	Other, please specify:	0	0	205	3			
		Total		20	100	6,910	100			
<b>1b. [If immediate plans included full- or part-time employment] Do you already have a job for after graduation?<sup>j</sup></b>										
	FYSsr01b	No		9	46	2,410	59	<b>54%</b>	41%	.25
	(Means indicate the percentage who responded "Yes.")	Yes, I will start a new job		3	18	947	24			
		Yes, I will continue in my current job		4	35	663	18			
		Total		16	100	4,020	100			
<b>2. [Excludes those who answered "No," not expecting spring/summer graduation] To what extent have courses in your major(s) prepared you for your post-graduation plans?</b>										
	FYSsr02	1	Very little	0	0	371	6	<b>2.9</b>	3.0	-.17
		2	Some	5	36	1,527	22			
		3	Quite a bit	9	42	2,642	38			
		4	Very much	5	22	2,348	34			
		Total		19	100	6,888	100			
<b>3. Do you intend to work eventually in a field related to your major(s)?<sup>j</sup></b>										
	FYSsr03	Yes		34	96	6,471	81	<b>96%</b>	81% *	.50
	(Means indicate the percentage who responded "Yes.")	No		1	4	494	6			
		Unsure		0	0	993	13			
		Total		35	100	7,958	100			
<b>4. Do you plan to be self-employed, an independent contractor, or a freelance worker someday?<sup>j</sup></b>										
	FYSsr04	Yes		7	20	1,624	21	<b>20%</b>	21%	-.01
	(Means indicate the percentage who responded "Yes.")	No		21	61	4,065	50			
		Unsure		6	18	2,267	29			
		Total		34	100	7,956	100			

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

## Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>			
				Miami-Middletown		Bacc. Colleges		Miami-Middletown	Bacc. Colleges	Effect size <sup>d</sup>	
				Count	%	Count	%	Mean	Mean		
<b>5. Do you plan to start your own business (nonprofit or for-profit) someday?<sup>j</sup></b>											
	FYSsr05		Yes	6	16	1,710	21	<b>16%</b>	21%	-.14	
			No	23	61	3,776	47				
			Unsure	6	23	2,483	32				
			Total	35	100	7,969	100				
<b>6. How much confidence do you have in your ability to complete tasks requiring the following skills and abilities?</b>											
a. Critical thinking and analysis of arguments and information	FYSsr06a		1	Very little	1	2	34	0	<b>3.4</b>	3.5	-.19
			2	Some	2	6	550	7			
			3	Quite a bit	14	44	2,826	35			
			4	Very much	17	48	4,553	58			
				Total	34	100	7,963	100			
b. Creative thinking and problem solving	FYSsr06b		1	Very little	0	0	25	0	<b>3.3</b>	3.5	-.31
			2	Some	3	7	527	7			
			3	Quite a bit	17	55	2,759	34			
			4	Very much	14	39	4,645	59			
				Total	34	100	7,956	100			
c. Research skills	FYSsr06c		1	Very little	0	0	112	1	<b>3.2</b>	3.3	-.06
			2	Some	5	15	1,126	14			
			3	Quite a bit	15	46	3,048	38			
			4	Very much	14	39	3,678	46			
				Total	34	100	7,964	100			
d. Clear writing	FYSsr06d		1	Very little	0	0	83	1	<b>3.3</b>	3.3	-.10
			2	Some	1	4	943	12			
			3	Quite a bit	21	66	3,093	39			
			4	Very much	12	31	3,844	48			
				Total	34	100	7,963	100			
e. Persuasive speaking	FYSsr06e		1	Very little	3	8	225	3	<b>2.7</b>	3.1 **	-.52
			2	Some	10	31	1,701	21			
			3	Quite a bit	15	47	3,116	39			
			4	Very much	5	14	2,913	37			
				Total	33	100	7,955	100			
f. Technological skills	FYSsr06f		1	Very little	2	4	368	4	<b>2.8</b>	2.9	-.13
			2	Some	9	29	2,114	26			
			3	Quite a bit	16	44	3,209	41			
			4	Very much	7	22	2,268	29			
				Total	34	100	7,959	100			
g. Financial and business management skills	FYSsr06g		1	Very little	4	10	1,593	19	<b>2.6</b>	2.5	.13
			2	Some	11	31	2,874	35			
			3	Quite a bit	15	49	2,055	27			
			4	Very much	4	10	1,445	19			
				Total	34	100	7,967	100			

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

## Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				Miami-Middletown		Bacc. Colleges		Miami-Middletown	Bacc. Colleges	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
h. Entrepreneurial skills	FYSsr06h	1	Very little	10	24	1,998	24	<b>2.1</b>	2.3	-.17
		2	Some	14	42	2,916	36			
		3	Quite a bit	8	28	1,784	23			
		4	Very much	2	6	1,255	16			
		Total		34	100	7,953	100			
i. Leadership skills	FYSsr06i	1	Very little	0	0	147	2	<b>3.1</b>	3.3 *	-.35
		2	Some	7	23	1,066	14			
		3	Quite a bit	17	48	2,695	34			
		4	Very much	10	29	4,041	50			
		Total		34	100	7,949	100			
j. Networking and relationship building	FYSsr06j	1	Very little	3	8	344	5	<b>3.0</b>	3.1	-.12
		2	Some	7	17	1,712	22			
		3	Quite a bit	15	47	2,894	36			
		4	Very much	9	29	3,011	38			
		Total		34	100	7,961	100			
<b>7. To what extent has your coursework in your major(s) emphasized the following?</b>										
a. Generating new ideas or brainstorming	FYSsr07a	1	Very little	0	0	212	3	<b>3.1</b>	3.2	-.09
		2	Some	7	18	1,355	17			
		3	Quite a bit	17	55	3,120	39			
		4	Very much	10	28	3,267	40			
		Total		34	100	7,954	100			
b. Taking risks in your coursework without fear of penalty	FYSsr07b	1	Very little	9	25	1,247	16	<b>2.2</b>	2.7 *	-.45
		2	Some	14	43	2,184	27			
		3	Quite a bit	6	20	2,415	31			
		4	Very much	5	12	2,100	26			
		Total		34	100	7,946	100			
c. Evaluating multiple approaches to a problem	FYSsr07c	1	Very little	2	6	226	3	<b>2.8</b>	3.1 *	-.40
		2	Some	9	30	1,478	19			
		3	Quite a bit	13	41	3,125	40			
		4	Very much	10	23	3,107	39			
		Total		34	100	7,936	100			
d. Inventing new methods to arrive at unconventional solutions	FYSsr07d	1	Very little	4	10	708	9	<b>2.6</b>	2.8	-.27
		2	Some	11	30	2,202	28			
		3	Quite a bit	16	51	2,688	34			
		4	Very much	3	8	2,303	29			
		Total		34	100	7,901	100			

### 8. Is there anything your institution could have done better to prepare you for your career or further education? Please describe.

This final question asked students to respond in an open text box. Comments were recorded for 10 seniors. Responses are provided in your "NSSE17 Topical Module - Senior Transitions Student Comments" report and in a separate SPSS data file.

*These open-ended responses appear exactly as respondents entered them and may not be suitable for distribution without prior review.*

### Seniors





Variable name	N	Mean		Standard error <sup>f</sup>		Standard deviation <sup>g</sup>		DF <sup>h</sup>	Sig. <sup>i</sup>	Effect size <sup>d</sup>
		Miami-Middletown	Bacc. Colleges	Miami-Middletown	Bacc. Colleges	Miami-Middletown	Bacc. Colleges			
FYSsr01b <sup>k</sup>	14	.537	.411	.1383	.0096	--	--	--	.339	.25
FYSsr02	17	2.86	3.01	.19	.01	0.77	0.89	4,397	.484	-.17
FYSsr03 <sup>k</sup>	32	.962	.812	.0343	.0054	--	--	--	.030	.50
FYSsr04 <sup>k</sup>	31	.201	.207	.0732	.0056	--	--	--	.939	-.01
FYSsr05 <sup>k</sup>	32	.160	.214	.0658	.0057	--	--	--	.457	-.14
FYSsr06a	31	3.38	3.51	.13	.01	0.70	0.64	5,215	.280	-.19
FYSsr06b	31	3.32	3.51	.11	.01	0.60	0.63	5,211	.087	-.31
FYSsr06c	31	3.25	3.30	.13	.01	0.70	0.75	5,219	.720	-.06
FYSsr06d	31	3.27	3.34	.10	.01	0.53	0.72	31	.445	-.10
FYSsr06e	30	2.68	3.11	.15	.01	0.83	0.83	5,209	.004	-.52
FYSsr06f	31	2.84	2.95	.15	.01	0.83	0.85	5,214	.468	-.13
FYSsr06g	31	2.59	2.46	.15	.01	0.82	1.01	31	.386	.13
FYSsr06h	31	2.15	2.32	.16	.01	0.87	1.01	5,211	.340	-.17
FYSsr06i	31	3.05	3.33	.13	.01	0.73	0.78	5,208	.049	-.35
FYSsr06j	31	2.97	3.07	.16	.01	0.89	0.88	5,217	.509	-.12
FYSsr07a	31	3.10	3.17	.12	.01	0.68	0.82	31	.540	-.09
FYSsr07b	31	2.19	2.66	.17	.01	0.96	1.03	5,206	.012	-.45
FYSsr07c	31	2.81	3.14	.16	.01	0.87	0.82	5,198	.028	-.40
FYSsr07d	31	2.57	2.82	.14	.01	0.80	0.95	5,176	.138	-.27

See the endnotes on the last page of this report.

## 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). Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests. Items with categorical response sets are left blank.
- c. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook.
- d. Effect size for independent  $t$ -tests uses Cohen's  $d$ ;  $z$ -tests use Cohen's  $h$ .
- e. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Categorical items are not listed.
- f. The 95% confidence interval for the population mean is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- g. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- h. Degrees of freedom used to compute the  $t$ -tests. Values differ from  $N$ s due to weighting and whether equal variances were assumed.
- i. 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 students in the comparison group is due to chance.
- j. Statistical comparison uses  $z$ -test to compare the proportion who responded (depending on the item) "Done or in progress" or "Yes" with all who responded otherwise.
- k. Mean represents the proportion who responded (depending on the item) "Done or in progress" or "Yes."

### 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.