



NSSE 2019 Topical Module Report

First-Year Experiences and Senior Transitions

Angelo State University

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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 'Public FY Exp/Sr Tra' column of this report.

Group label	Public FY Exp/Sr Tra
Date submitted	4/29/19
How was this comparison group constructed?	Your institution customized this group by selecting institutional characteristics as follows: Sector (Pub)
Group description	Public institutions participating in First-Year Experiences and Senior Transitions Topical Module.

Public FY Exp/Sr Tra (N=112)

Adams State University (Alamosa, CO)*	Indiana University of Pennsylvania (Indiana, PA)
Auburn University at Montgomery (Montgomery, AL)*	Indiana University Southeast (New Albany, IN)*
Black Hills State University (Spearfish, SD)*	Jacksonville State University (Jacksonville, AL)
Bloomsburg University of Pennsylvania (Bloomsburg, PA)	Kansas State University (Manhattan, KS)
California State University, Chico (Chico, CA)*	Kean University (Union, NJ)
California University of Pennsylvania (California, PA)	Kentucky State University (Frankfort, KY)
Castleton University (Castleton, VT)	Kutztown University of Pennsylvania (Kutztown, PA)
Cheyney University of Pennsylvania (Cheyney, PA)	Lander University (Greenwood, SC)
Clarion University of Pennsylvania (Clarion, PA)	Langston University (Langston, OK)*
Cleveland State University (Cleveland, OH)*	Lock Haven University (Lock Haven, PA)
College of Charleston (Charleston, SC)	Louisiana State University and Agricultural & Mechanical College (Baton Rouge, LA)*
Colorado State University (Fort Collins, CO)	Louisiana State University at Alexandria (Alexandria, LA)*
Concord University (Athens, WV)	Mansfield University of Pennsylvania (Mansfield, PA)
Delta State University (Cleveland, MS)*	Massachusetts College of Liberal Arts (North Adams, MA)*
Dixie State University (Saint George, UT)	Miami University-Hamilton (Hamilton, OH)
East Stroudsburg University of Pennsylvania (East Stroudsburg, PA)	Miami University-Middletown (Middletown, OH)
East Tennessee State University (Johnson City, TN)	Millersville University of Pennsylvania (Millersville, PA)
Eastern New Mexico University (Portales, NM)*	Mississippi University for Women (Columbus, MS)
Edinboro University of Pennsylvania (Edinboro, PA)	Missouri State University (Springfield, MO)
Elizabeth City State University (Elizabeth City, NC)	Montana State University Billings (Billings, MT)
Fairmont State University (Fairmont, WV)	Morehead State University (Morehead, KY)*
Fayetteville State University (Fayetteville, NC)	New College of Florida (Sarasota, FL)
Ferris State University (Big Rapids, MI)*	New Jersey Institute of Technology (Newark, NJ)
Fitchburg State University (Fitchburg, MA)	Nicholls State University (Thibodaux, LA)*
Framingham State University (Framingham, MA)	Northern Illinois University (DeKalb, IL)*
Georgia Southwestern State University (Americus, GA)	Northern Kentucky University (Highland Heights, KY)*
Grambling State University (Grambling, LA)	Northern State University (Aberdeen, SD)*
Grand Valley State University (Allendale, MI)	Oglala Lakota College (Kyle, SD)
Humboldt State University (Arcata, CA)	Ohio State University at Newark, The (Newark, OH)

Public FY Exp/Sr Tra (N=112), continued

Ohio State University-Mansfield Campus (Mansfield, OH)
 Ohio State University-Marion Campus (Marion, OH)
 Ohio State University, The (Columbus, OH)
 Oregon State University (Corvallis, OR)
 Radford University (Radford, VA)
 Ramapo College of New Jersey (Mahwah, NJ)*
 Rowan University (Glassboro, NJ)
 Rutgers University-Camden (Camden, NJ)*
 Salem State University (Salem, MA)
 Shepherd University (Shepherdstown, WV)
 Shippensburg University of Pennsylvania (Shippensburg, PA)
 Slippery Rock University of Pennsylvania (Slippery Rock, PA)
 Southeastern Louisiana University (Hammond, LA)*
 Southern Illinois University Edwardsville (Edwardsville, IL)
 Southern Oregon University (Ashland, OR)
 Southern University at New Orleans (New Orleans, LA)
 Southwest Minnesota State University (Marshall, MN)
 St. Mary's College of Maryland (St. Mary's City, MD)
 Stephen F. Austin State University (Nacogdoches, TX)
 Texas Southern University (Houston, TX)*
 University of Arkansas at Monticello (Monticello, AR)
 University of Colorado Colorado Springs (Colorado Springs, CO)*
 University of Connecticut (Storrs, CT)*
 University of Guam (Mangilao, GU)
 University of Hawai'i at Hilo (Hilo, HI)
 University of Kentucky (Lexington, KY)
 University of Montana (Missoula, MT)
 University of Montana-Western, The (Dillon, MT)*
 University of New Hampshire (Durham, NH)
 University of New Orleans, The (New Orleans, LA)
 University of North Dakota (Grand Forks, ND)
 University of North Texas (Denton, TX)
 University of Rhode Island (Kingston, RI)
 University of South Carolina Columbia (Columbia, SC)
 University of Southern Mississippi (Hattiesburg, MS)
 University of Tennessee Martin, The (Martin, TN)
 University of Tennessee, Knoxville, The (Knoxville, TN)
 University of Texas at El Paso, The (El Paso, TX)
 University of Texas of the Permian Basin, The (Odessa, TX)
 University of Texas Rio Grande Valley, The (Edinburg, TX)*
 University of Virginia's College at Wise, The (Wise, VA)*
 University of Washington Tacoma (Tacoma, WA)
 University of West Georgia (Carrollton, GA)
 Washington State University (Pullman, WA)
 West Chester University of Pennsylvania (West Chester, PA)
 Western Illinois University (Macomb, IL)
 Western State Colorado University (Gunnison, CO)*
 William Paterson University of New Jersey (Wayne, NJ)*
 Winona State University (Winona, MN)
 Winthrop University (Rock Hill, SC)*
 Worcester State University (Worcester, MA)*
 Youngstown State University (Youngstown, OH)*

*2018 participant

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				ASU		Public FY Exp/Sr Tra		ASU	Public FY Exp/Sr Tra	Effect size ^d
				Count	%	Count	%	Mean	Mean	
1. During the current school year, about how often have you done the following?										
a. Studied when there were other interesting things to do	FYSfy01a	1	Never	10	4	1,239	4	2.7	2.8	-.05
		2	Sometimes	96	40	11,259	37			
		3	Often	95	36	11,385	37			
		4	Very often	51	20	6,613	22			
			Total	252	100	30,496	100			
b. Found additional information for course assignments when you didn't understand the material	FYSfy01b	1	Never	6	3	703	3	2.8	2.9	-.10
		2	Sometimes	88	36	8,689	29			
		3	Often	97	39	14,182	46			
		4	Very often	60	22	6,867	23			
			Total	251	100	30,441	100			
c. Participated in course discussions, even when you didn't feel like it	FYSfy01c	1	Never	23	10	2,167	8	2.7	2.6	.04
		2	Sometimes	85	34	11,873	39			
		3	Often	90	35	11,290	37			
		4	Very often	52	20	5,122	17			
			Total	250	100	30,452	100			
d. Asked instructors for help when you struggled with course assignments	FYSfy01d	1	Never	16	6	2,931	10	2.7	2.5 *	.15
		2	Sometimes	104	42	12,661	42			
		3	Often	76	31	9,962	32			
		4	Very often	54	21	4,867	16			
			Total	250	100	30,421	100			
e. Finished something you have started when you encountered challenges	FYSfy01e	1	Never	2	1	260	1	3.1	3.1	.02
		2	Sometimes	52	21	5,657	19			
		3	Often	107	44	15,125	49			
		4	Very often	88	34	9,379	31			
			Total	249	100	30,421	100			
f. Stayed positive, even when you did poorly on a test or assignment	FYSfy01f	1	Never	9	4	1,180	4	3.0	2.9 *	.14
		2	Sometimes	75	29	9,464	30			
		3	Often	82	33	12,589	41			
		4	Very often	83	34	7,191	24			
			Total	249	100	30,424	100			
2. During the current school year, how difficult have the following been for you?										
a. Learning course material	FYSfy02a	1	Not at all difficult	10	5	1,265	4	3.4	3.4	-.01
		2	2	35	15	4,545	15			
		3	3	80	32	9,686	32			
		4	4	87	34	10,584	35			
		5	5	32	13	3,305	11			
		6	Very difficult	5	2	1,055	4			
			Total	249	100	30,440	100			
b. Managing your time	FYSfy02b	1	Not at all difficult	12	6	1,659	6	3.9	3.8	.12
		2	2	29	11	3,984	13			
		3	3	44	18	7,298	24			
		4	4	81	31	8,533	28			
		5	5	49	20	5,633	19			
		6	Very difficult	35	14	3,314	11			

*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 ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				ASU		Public FY Exp/Sr Tra		ASU	Public FY Exp/Sr Tra	Effect size ^d
				Count	%	Count	%	Mean	Mean	
			Total	250	100	30,421	100			
c. Getting help with school work	FYSfy02c	1	Not at all difficult	45	19	4,560	15	2.8	2.9	-.05
		2	2	73	29	7,975	26			
		3	3	51	19	8,746	29			
		4	4	53	21	5,843	19			
		5	5	21	9	2,303	8			
		6	Very difficult	7	3	1,002	3			
			Total	250	100	30,429	100			
d. Interacting with faculty	FYSfy02d	1	Not at all difficult	69	28	5,870	20	2.6	2.8 *	-.15
		2	2	68	27	8,132	26			
		3	3	41	17	7,932	26			
		4	4	49	20	5,199	17			
		5	5	19	7	2,264	7			
		6	Very difficult	3	1	1,024	4			
			Total	249	100	30,421	100			
3. During the current school year, about how often have you sought help with coursework from the following sources?										
a. Faculty members	FYSfy03a_16	1	Never	32	13	5,140	18	2.3	2.2 **	.17
		2	Sometimes	124	50	16,261	53			
		3	Often	69	27	6,817	22			
		4	Very often	25	9	2,183	7			
			Total	250	100	30,401	100			
b. Academic advisors	FYSfy03b_16	1	Never	86	36	12,766	43	1.9	1.8 *	.13
		2	Sometimes	108	43	11,933	39			
		3	Often	40	14	4,342	14			
		4	Very often	16	6	1,333	4			
			Total	250	100	30,374	100			
c. Learning support services (tutoring, writing center, success coaching, etc.)	FYSfy03c_16	1	Never	61	26	11,897	39	2.2	1.9 ***	.25
		2	Sometimes	107	43	10,777	36			
		3	Often	52	20	5,108	17			
		4	Very often	29	12	2,567	8			
			Total	249	100	30,349	100			
d. Friends or other students	FYSfy03d_16	1	Never	9	4	1,405	5	2.9	2.9	.01
		2	Sometimes	75	31	8,244	28			
		3	Often	93	37	12,104	39			
		4	Very often	73	28	8,622	28			
			Total	250	100	30,375	100			
e. Family members	FYSfy03e_16	1	Never	95	40	11,673	40	2.0	2.0	.06
		2	Sometimes	77	31	10,004	32			
		3	Often	46	17	5,887	19			
		4	Very often	32	12	2,816	9			
			Total	250	100	30,380	100			
f. Other persons or offices	FYSfy03f_16	1	Never	132	55	17,702	59	1.6	1.6	.08
		2	Sometimes	81	32	8,758	29			
		3	Often	22	8	2,831	9			
		4	Very often	12	5	1,066	3			
			Total	247	100	30,357	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 ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				ASU		Public FY Exp/Sr Tra		ASU	Public FY Exp/Sr Tra	Effect size ^d
				Count	%	Count	%	Mean	Mean	
4a. During the current school year, have you seriously considered leaving this institution?^j										
	FYSfy04a	No		166	66	21,736	72	34%	28% *	.14
		Yes		84	34	8,647	28			
		Total		250	100	30,383	100			
4b. [If answered "yes"] Why did you consider leaving? (Select all that apply.)										
	FYSfy04b_1_16	—	Academics are too difficult	13	16	1,535	19			
	FYSfy04b_2_16	—	Academics are too easy	3	4	419	5			
	FYSfy04b_3_16	—	Other academic issues (major not offered, course availability, advising, credit transfer, etc.)	10	12	1,300	15			
	FYSfy04b_4_16	—	Financial concerns (costs or financial aid)	27	34	3,261	38			
	FYSfy04b_5_16	—	To change your career options (transfer to another school or program, military service, etc.)	17	20	1,510	18			
	FYSfy04b_6_16	—	Difficulty managing demands of school and work	18	22	1,422	17			
	FYSfy04b_7_16	—	Too much emphasis on partying	2	3	593	8			
	FYSfy04b_8_16	—	Not enough opportunities to socialize and have fun	11	13	1,432	16			
	FYSfy04b_9_16	—	Relations with faculty and staff	2	3	726	9			
	FYSfy04b_10_16	—	Relations with other students	10	11	1,731	19			
	FYSfy04b_11_16	—	Campus climate, location, or culture	15	20	2,281	26			
	FYSfy04b_12_16	—	Unsafe or hostile environment	0	0	500	6			
	FYSfy04b_13_16	—	Personal reasons (family issues, physical or mental health, homesickness, stress, etc.)	35	41	3,841	43			
	FYSfy04b_14_16	—	A reason not listed above, please specify:	13	16	1,161	14			
5. How important is it to you that you graduate from <i>this institution</i>?										
	FYSfy05	1	Not important	15	6	1,337	5	5.0	5.0	-.06
		2		8	3	1,055	4			
		3		12	5	1,810	6			
		4		35	15	3,620	12			
		5		36	13	4,488	15			
		6	Very important	144	57	17,872	58			
		Total		250	100	30,182	100			

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First-Year Students

Variable name	N	Mean		Standard error ^f		Standard deviation ^g		DF ^h	Sig. ⁱ	Effect size ^d
	ASU	ASU	Public FY Exp/Sr Tra	ASU	Public FY Exp/Sr Tra	ASU	Public FY Exp/Sr Tra			
	Comparisons with: Public FY Exp/Sr Tra									
FYSfy01a	250	2.72	2.76	.052	.005	0.83	0.84	24,166	.478	-.05
FYSfy01b	249	2.81	2.89	.051	.005	0.81	0.78	252	.147	-.10
FYSfy01c	247	2.66	2.63	.058	.005	0.91	0.85	24,130	.562	.04
FYSfy01d	247	2.66	2.53	.056	.006	0.88	0.88	24,102	.023	.15
FYSfy01e	246	3.11	3.10	.049	.005	0.76	0.73	24,107	.804	.02
FYSfy01f	246	2.98	2.86	.057	.005	0.89	0.83	24,111	.024	.14
FYSfy02a	246	3.42	3.43	.070	.007	1.10	1.12	24,120	.878	-.01
FYSfy02b	247	3.91	3.75	.088	.009	1.38	1.36	24,108	.068	.12
FYSfy02c	247	2.82	2.89	.086	.008	1.36	1.29	251	.444	-.05
FYSfy02d	246	2.56	2.77	.086	.009	1.34	1.33	24,110	.016	-.15
FYSfy03a_16	247	2.33	2.19	.052	.005	0.82	0.80	251	.009	.17
FYSfy03b_16	247	1.91	1.80	.055	.005	0.87	0.84	24,059	.040	.13
FYSfy03b_16	246	2.18	1.94	.061	.006	0.95	0.94	24,046	.000	.25
FYSfy03b_16	247	2.90	2.89	.055	.006	0.86	0.87	24,063	.886	.01
FYSfy03e_16	247	2.01	1.96	.066	.006	1.03	0.97	24,073	.352	.06
FYSfy03f_16	245	1.64	1.57	.054	.005	0.84	0.79	24,046	.229	.08
FYSfy04a ^k	247	.339	.275	.0302	.0029	--	--	--	.026	.14
FYSfy05	247	4.97	5.05	.096	.009	1.50	1.42	23,928	.380	-.06

Seniors

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				ASU		Public FY Exp/Sr Tra		ASU	Public FY Exp/Sr Tra	Effect size ^d
				Count	%	Count	%	Mean	Mean	
1. Do you expect to graduate this spring or summer?										
	FYSsr01_16	No		124	41	13,944	37			
		Yes		178	59	26,174	63			
		Total		302	100	40,118	100			
1a. [Excludes those who answered "No," not expecting spring/summer graduation] After graduation, what best describes your immediate plans?										
	FYSsr01a	—	Full-time employment	97	55	15,656	60			
		—	Part-time employment	3	2	1,122	4			
		—	Graduate or professional school	59	33	5,809	22			
		—	Military service	5	3	207	1			
		—	Service or volunteer activity (AmeriCorps, Peace Corps, Teach for America, etc.)	1	0	200	1			
		—	Internship (paid or unpaid)	3	2	1,190	4			
		—	Travel or gap year	3	2	980	4			
		—	No plans at this time	1	1	780	3			
		—	Other, please specify:	7	4	510	2			
			Total	179	100	26,454	100			
1b. [If immediate plans included full- or part-time employment] Do you already have a job for after graduation?^j										
	FYSsr01b	No		57	58	9,201	53	42%	47%	-.10
		(Means indicate the percentage who responded "Yes.")	Yes, I will start a new job	18	18	3,802	24			
		Yes, I will continue in my current job	24	24	3,730	23				
		Total	99	100	16,733	100				
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?										
	FYSsr02	1	Very little	9	5	1,560	6	3.1	3.0 *	.17
		2	Some	31	17	5,752	23			
		3	Quite a bit	68	38	9,971	37			
		4	Very much	71	40	9,130	34			
		Total	179	100	26,413	100				
3. Do you intend to work eventually in a field related to your major(s)?^j										
	FYSsr03	Yes		260	86	35,138	87	86%	87%	-.03
		(Means indicate the percentage who responded "Yes.")	No	13	4	1,599	4			
		Unsure	30	10	3,474	9				
		Total	303	100	40,211	100				
4. Do you plan to be self-employed, an independent contractor, or a freelance worker someday?^j										
	FYSsr04	Yes		55	19	7,571	20	19%	20%	-.03
		(Means indicate the percentage who responded "Yes.")	No	162	53	22,265	53			
		Unsure	86	28	10,409	27				
		Total	303	100	40,245	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 ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				ASU		Public FY Exp/Sr Tra		ASU	Public FY Exp/Sr Tra	Effect size ^d
				Count	%	Count	%	Mean	Mean	
5. Do you plan to start your own business (nonprofit or for-profit) someday?^j										
	FYSsr05	Yes		62	21	8,846	23	21%	23%	-.06
		No		140	46	20,070	48			
		Unsure		100	33	11,355	29			
		Total		302	100	40,271	100			
6. How much confidence do you have in your ability to complete tasks requiring the following skills and abilities?^j										
a. Critical thinking and analysis of arguments and information	FYSsr06a	1	Very little	1	0	265	1	3.4	3.4	-.10
		2	Some	32	11	3,302	8			
		3	Quite a bit	123	40	15,527	38			
		4	Very much	146	49	21,103	54			
			Total	302	100	40,197	100			
b. Creative thinking and problem solving	FYSsr06b	1	Very little	2	1	246	1	3.4	3.5 *	-0.14
		2	Some	34	11	2,916	7			
		3	Quite a bit	118	39	15,156	37			
		4	Very much	148	49	21,855	55			
			Total	302	100	40,173	100			
c. Research skills	FYSsr06c	1	Very little	5	2	782	2	3.2	3.2	-.02
		2	Some	58	19	6,720	17			
		3	Quite a bit	115	38	16,262	40			
		4	Very much	123	41	16,420	41			
			Total	301	100	40,184	100			
d. Clear writing	FYSsr06d	1	Very little	4	1	546	1	3.2	3.3 *	-.11
		2	Some	47	16	5,227	14			
		3	Quite a bit	133	44	16,273	40			
		4	Very much	115	38	18,130	45			
			Total	299	100	40,176	100			
e. Persuasive speaking	FYSsr06e	1	Very little	13	4	1,512	4	3.0	3.0	-.02
		2	Some	73	24	9,711	24			
		3	Quite a bit	119	39	15,520	38			
		4	Very much	97	33	13,423	34			
			Total	302	100	40,166	100			
f. Technological skills	FYSsr06f	1	Very little	10	3	1,212	3	3.1	3.1	.02
		2	Some	54	17	8,777	21			
		3	Quite a bit	135	45	16,438	40			
		4	Very much	101	34	13,745	36			
			Total	300	100	40,172	100			
g. Financial and business management skills	FYSsr06g	1	Very little	40	13	6,240	15	2.6	2.5	.05
		2	Some	109	36	14,477	36			
		3	Quite a bit	92	31	11,934	30			
		4	Very much	58	20	7,509	20			
			Total	299	100	40,160	100			
h. Entrepreneurial skills	FYSsr06h	1	Very little	68	22	9,299	23	2.4	2.3	.09
		2	Some	98	33	15,261	38			
		3	Quite a bit	87	29	9,606	24			
		4	Very much	48	17	5,988	15			
			Total	301	100	40,154	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 ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				ASU		Public FY Exp/Sr Tra		ASU	Public FY Exp/Sr Tra	
				Count	%	Count	%	Mean	Mean	Effect size ^d
			Total	301	100	40,154	100			
i. Leadership skills	FYSsr06i	1	Very little	14	5	1,065	3	3.3	3.2	.05
		2	Some	36	12	6,578	17			
		3	Quite a bit	108	35	14,385	36			
		4	Very much	144	48	18,154	45			
			Total	302	100	40,182	100			
j. Networking and relationship building	FYSsr06j	1	Very little	9	3	2,007	5	3.1	3.0	.07
		2	Some	72	24	8,959	23			
		3	Quite a bit	108	35	14,951	37			
		4	Very much	112	38	14,246	35			
			Total	301	100	40,163	100			
7. To what extent has your coursework in your major(s) emphasized the following?										
a. Generating new ideas or brainstorming	FYSsr07a	1	Very little	7	2	1,340	4	3.1	3.1	.05
		2	Some	66	22	7,678	20			
		3	Quite a bit	109	37	16,279	40			
		4	Very much	119	39	14,804	36			
			Total	301	100	40,101	100			
b. Taking risks in your coursework without fear of penalty	FYSsr07b	1	Very little	49	16	8,240	22	2.7	2.5 ***	.20
		2	Some	78	26	11,849	30			
		3	Quite a bit	96	32	11,257	27			
		4	Very much	77	26	8,731	21			
			Total	300	100	40,077	100			
c. Evaluating multiple approaches to a problem	FYSsr07c	1	Very little	10	3	1,669	5	3.2	3.1 *	.12
		2	Some	46	15	8,171	21			
		3	Quite a bit	137	45	15,878	39			
		4	Very much	109	37	14,265	35			
			Total	302	100	39,983	100			
d. Inventing new methods to arrive at unconventional solutions	FYSsr07d	1	Very little	23	7	4,416	12	2.8	2.7	.10
		2	Some	96	32	12,070	30			
		3	Quite a bit	97	33	13,233	33			
		4	Very much	81	28	10,158	25			
			Total	297	100	39,877	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 76 seniors. Responses are provided in your "NSSE19 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.

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





Seniors

Variable name	N	Mean		Standard error ^f		Standard deviation ^g		DF ^h	Sig. ⁱ	Effect size ^d
		ASU	Public FY Exp/Sr Tra	ASU	Public FY Exp/Sr Tra	ASU	Public FY Exp/Sr Tra			
	Comparisons with: Public FY Exp/Sr Tra									
FYSsr01b ^k	99	.419	.468	.0498	.0038	--	--	--	.330	-.10
FYSsr02	178	3.13	2.98	.065	.006	0.87	0.90	26,591	.027	.17
FYSsr03 ^k	303	.858	.867	.0201	.0017	--	--	--	.646	-.03
FYSsr04 ^k	303	.186	.200	.0224	.0020	--	--	--	.555	-.03
FYSsr05 ^k	303	.209	.232	.0234	.0021	--	--	--	.332	-.06
FYSsr06a	302	3.38	3.44	.039	.003	0.69	0.67	42,145	.070	-.10
FYSsr06b	302	3.37	3.46	.041	.003	0.71	0.66	42,116	.015	-.14
FYSsr06c	301	3.19	3.20	.046	.004	0.80	0.78	42,133	.741	-.02
FYSsr06d	299	3.20	3.29	.043	.004	0.75	0.75	42,113	.049	-.11
FYSsr06e	302	3.01	3.02	.049	.004	0.86	0.86	42,115	.780	-.02
FYSsr06f	300	3.11	3.09	.046	.004	0.80	0.82	42,120	.708	.02
FYSsr06g	299	2.59	2.54	.055	.005	0.95	0.97	42,106	.392	.05
FYSsr06h	302	2.41	2.32	.058	.005	1.01	0.99	42,106	.130	.09
FYSsr06i	302	3.27	3.23	.049	.004	0.85	0.82	42,121	.422	.05
FYSsr06j	301	3.08	3.02	.049	.004	0.85	0.89	42,113	.200	.07
FYSsr07a	301	3.13	3.08	.048	.004	0.83	0.84	42,038	.354	.05
FYSsr07b	301	2.69	2.48	.059	.005	1.03	1.05	42,020	.001	.20
FYSsr07c	302	3.15	3.05	.045	.004	0.79	0.86	41,919	.036	.12
FYSsr07d	297	2.81	2.71	.054	.005	0.93	0.97	41,797	.078	.10

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.