



NSSE 2015 Topical Module

First-Year Experiences and Senior Transitions

Washington 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 'FY Exp / Sr Transittn' column of this report.

Group label	FY Exp / Sr Transittn
Date submitted	Not applicable; comparison group not customized.
How was this comparison group constructed?	Your institution did not customize this comparison group; the default group (all module participants) was used.
Group description	Default comparison group

FY Exp / Sr Transittn (N=134)

Alfred University (Alfred, NY)	Eckerd College (Saint Petersburg, FL)
Ambrose University (Calgary, AB)	Emory and Henry College (Emory, VA)
Angelo State University (San Angelo, TX)	Faulkner University (Montgomery, AL)
Ave Maria University (Ave Maria, FL)	Fayetteville State University (Fayetteville, NC)
Averett University (Danville, VA)	Ferrum College (Ferrum, VA)
Berklee College of Music (Boston, MA)	Finlandia University (Hancock, MI)
Bethany College (Lindsborg, KS)	Flagler College (Saint Augustine, FL)
Bishop's University (Sherbrooke, QC)	Florida Polytechnic University (Lakeland, FL)
Brandon University (Brandon, MB)	Franklin College (Franklin, IN)
Brigham Young University (Provo, UT)	Freed-Hardeman University (Henderson, TN)
California State University-Channel Islands (Camarillo, CA)	Georgian Court University (Lakewood, NJ)
California State University, East Bay (Hayward, CA)	Greensboro College (Greensboro, NC)
Campbell University Inc. (Buies Creek, NC)	Hanover College (Hanover, IN)
Capital University (Columbus, OH)	Hendrix College (Conway, AR)
Carson-Newman University (Jefferson City, TN)	Hiram College (Hiram, OH)
Carthage College (Kenosha, WI)	Hood College (Frederick, MD)
Central Methodist University (Fayette, MO)	Hope International University (Fullerton, CA)
Charleston Southern University (Charleston, SC)	Houston Baptist University (Houston, TX)
College of New Jersey, The (Ewing, NJ)	Huron University College (London, ON)
College of Saint Mary (Omaha, NE)	Illinois Institute of Technology (Chicago, IL)
College of Saint Rose, The (Albany, NY)	Indiana University Bloomington (Bloomington, IN)
Colorado College (Colorado Springs, CO)	Kaplan University (Davenport, IA)
Concordia College-New York (Bronxville, NY)	Kean University (Union, NJ)
Concordia University of Edmonton (Edmonton, AB)	La Sierra University (Riverside, CA)
Cornell College (Mount Vernon, IA)	Lesley University (Cambridge, MA)
CUNY John Jay College of Criminal Justice (New York, NY)	Lincoln University (Jefferson City, MO)
CUNY New York City College of Technology (Brooklyn, NY)	Lipscomb University (Nashville, TN)
Daemen College (Amherst, NY)	Louisiana State University at Alexandria (Alexandria, LA)
Dickinson College (Carlisle, PA)	Loyola University Chicago (Chicago, IL)
East Central University (Ada, OK)	Maranatha Baptist University (Watertown, WI)

FY Exp / Sr Transiti (N=134), continued

Marian University (Fond Du Lac, WI)
Mars Hill University (Mars Hill, NC)
Marymount Manhattan College (New York, NY)
Mayville State University (Mayville, ND)
McMaster University (Hamilton, ON)
Mercy College (Dobbs Ferry, NY)
Milwaukee School of Engineering (Milwaukee, WI)
Minot State University (Minot, ND)
Missouri State University (Springfield, MO)
Monmouth College (Monmouth, IL)
Morehead State University (Morehead, KY)
Morgan State University (Baltimore, MD)
Mount St. Joseph University (Cincinnati, OH)
Nevada State College at Henderson (Henderson, NV)
Northwest Nazarene University (Nampa, ID)
Oklahoma City University (Oklahoma City, OK)
Otis College of Art and Design (Los Angeles, CA)
Pace University (New York, NY)
Pennsylvania College of Technology (Williamsport, PA)
Peru State College (Peru, NE)
Pitzer College (Claremont, CA)
Plymouth State University (Plymouth, NH)
Prairie View A&M University (Prairie View, TX)
Presentation College (Aberdeen, SD)
Regis University (Denver, CO)
Rider University (Lawrenceville, NJ)
Roanoke College (Salem, VA)
Rochester Institute of Technology (Rochester, NY)
Roosevelt University (Chicago, IL)
Rose-Hulman Institute of Technology (Terre Haute, IN)
Rutgers University-Camden (Camden, NJ)
Rutgers University-New Brunswick/Piscataway (New Brunswick, NJ)
Rutgers University-Newark (Newark, NJ)
Saint Francis University (Loretto, PA)
Salem College (Winston Salem, NC)
Seton Hall University (South Orange, NJ)
Siena College (Loudonville, NY)
Southeast Missouri State University (Cape Girardeau, MO)
Southern Virginia University (Buena Vista, VA)
St. Cloud State University (St Cloud, MN)
Tennessee Wesleyan College (Athens, TN)
Thomas College (Waterville, ME)
Trinity Western University (Langley, BC)
Union College (NE) (Lincoln, NE)
University of Akron (Akron, OH)
University of Hartford (West Hartford, CT)
University of Illinois at Chicago (Chicago, IL)
University of La Verne (La Verne, CA)
University of Mary Washington (Fredericksburg, VA)
University of Montana-Western, The (Dillon, MT)
University of Mount Olive (Mount Olive, NC)
University of New Brunswick - Fredericton (Fredericton, NB)
University of New Haven (West Haven, CT)
University of North Dakota (Grand Forks, ND)
University of Puerto Rico-Rio Piedras Campus (Rio Piedras, PR)
University of Redlands (Redlands, CA)
University of Saint Joseph (West Hartford, CT)
University of San Francisco (San Francisco, CA)
University of Scranton (Scranton, PA)
University of South Alabama (Mobile, AL)
University of Texas at Arlington, The (Arlington, TX)
University of Texas at El Paso, The (El Paso, TX)
University of Texas of the Permian Basin, The (Odessa, TX)
University of Vermont (Burlington, VT)
University of Wyoming (Laramie, WY)
Vaughn College of Aeronautics and Technology (Flushing, NY)
Warner Pacific College (Portland, OR)
Washington Adventist University (Takoma Park, MD)
Weber State University (Ogden, UT)
Wesley College (Dover, DE)
Whitworth University (Spokane, WA)
Willamette University (Salem, OR)
William Woods University (Fulton, MO)
Wisconsin Lutheran College (Milwaukee, WI)

*2014 participant

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				WSU		FY Exp / Sr Transiti ⁿ		WSU	FY Exp / Sr Transiti ⁿ	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	3	867	4	2.8	2.9 *	-0.12
		2	Sometimes	124	38	8,468	34			
		3	Often	135	39	9,367	36			
		4	Very often	69	20	6,581	26			
		Total		338	100	25,283	100			
b. Found additional information for course assignments when you didn't understand the material	FYSfy01b	1	Never	4	1	745	3	2.8	2.9 *	-0.14
		2	Sometimes	119	36	7,397	29			
		3	Often	159	47	11,064	43			
		4	Very often	56	16	6,025	24			
		Total		338	100	25,231	100			
c. Participated in course discussions, even when you didn't feel like it	FYSfy01c	1	Never	39	11	1,967	8	2.4	2.7 ***	-0.26
		2	Sometimes	150	43	9,348	36			
		3	Often	114	35	9,077	36			
		4	Very often	35	11	4,847	20			
		Total		338	100	25,239	100			
d. Asked instructors for help when you struggled with course assignments	FYSfy01d	1	Never	32	9	2,476	10	2.5	2.6 *	-0.12
		2	Sometimes	154	45	9,879	40			
		3	Often	114	35	8,210	32			
		4	Very often	37	10	4,565	18			
		Total		337	100	25,130	100			
e. Finished something you have started when you encountered challenges	FYSfy01e	1	Never	2	0	217	1	3.1	3.2 **	-0.16
		2	Sometimes	72	21	4,050	17			
		3	Often	171	51	11,755	47			
		4	Very often	93	27	9,112	36			
		Total		338	100	25,134	100			
f. Stayed positive, even when you did poorly on a test or assignment	FYSfy01f	1	Never	12	3	803	3	2.9	3.0	-0.06
		2	Sometimes	93	27	6,830	27			
		3	Often	151	45	10,480	41			
		4	Very often	81	25	7,012	29			
		Total		337	100	25,125	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	11	3	1,831	8	3.6	3.3 ***	.27
		2	2	46	13	4,700	19			
		3	3	90	26	7,177	28			
		4	4	121	37	7,515	29			
		5	5	55	16	3,077	12			
		6	Very difficult	15	5	944	4			
		Total		338	100	25,244	100			
b. Managing your time	FYSfy02b	1	Not at all difficult	16	4	1,500	6	3.9	3.9	.01
		2	2	43	12	3,225	13			
		3	3	59	18	5,270	21			
		4	4	105	32	6,271	24			
		5	5	77	22	5,312	21			
		6	Very difficult	38	10	3,605	15			
		Total		338	100	25,183	100			

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

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				WSU		FY Exp / Sr Transiti ⁿ		WSU	FY Exp / Sr Transiti ⁿ	Effect size ^d
				Count	%	Count	%	Mean	Mean	
c. Getting help with school work	FYSfy02c	1	Not at all difficult	29	8	4,422	18	3.2	2.8 ***	.22
		2	2	81	23	6,619	26			
		3	3	103	32	6,607	26			
		4	4	75	23	4,520	18			
		5	5	36	11	2,036	8			
		6	Very difficult	13	3	960	4			
		Total		337	100	25,164	100			
d. Interacting with faculty	FYSfy02d	1	Not at all difficult	40	11	5,103	21	3.1	2.8 ***	.21
		2	2	84	24	6,249	24			
		3	3	76	24	5,950	24			
		4	4	79	24	4,385	17			
		5	5	45	13	2,253	9			
		6	Very difficult	13	4	1,169	5			
		Total		337	100	25,109	100			
3. During the current academic year, about how many times did you seek any assistance with coursework?										
	FYSfy03num	0	Never	11	4	1,514	7	5.4	4.6 ***	.24
		1.5	1 or 2 times	61	19	5,358	23			
		3.5	3 or 4 times	82	23	6,821	27			
		5.5	5 or 6 times	65	20	4,721	18			
		7.5	7 or 8 times	35	10	1,982	7			
		10	9 or more times	83	25	4,901	18			
		Total		337	100	25,297	100			
<i>(Recoded version of FYSfy03 created by NSSE. Values are estimated number of times assistance sought.)</i>										
4. If you did seek help with coursework during the current academic year, which of the following was your primary source of help?										
	FYSfy04	—	Not applicable. I did not seek help with coursework during the current academic year	8	3	1,308	6			
		—	Friend(s) or other student(s)	181	53	12,629	48			
		—	Family member(s)	18	6	1,169	5			
		—	Faculty member(s)	71	21	5,901	24			
		—	Academic advisor(s)	17	5	628	2			
		—	Learning support services (tutoring services, writing center, etc.)	40	11	3,252	13			
		—	Other persons or offices	2	0	345	2			
		Total		337	100	25,232	100			
5. How important is it to you that you graduate from this institution?										
	FYSfy05	1	Not important	7	2	733	3	5.4	5.4	.03
		2	2	5	2	498	2			
		3	3	15	5	998	4			
		4	4	25	7	1,718	7			
		5	5	33	10	2,752	11			
		6	Very important	252	75	18,513	73			
		Total		337	100	25,212	100			

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

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				WSU		FY Exp / Sr Transitn		WSU	FY Exp / Sr Transitn	
				Count	%	Count	%	Mean	Mean	Effect size ^d
6a. During the current school year, have you seriously considered leaving this institution?										
	FYSfy06a	—	No	224	67	17,395	69			
		—	Yes	112	33	7,882	31			
			Total	336	100	25,277	100			
6b [If answered "yes"] Why did you consider leaving? (Select all that apply.)										
	FYSfy06b_1	—	To improve my career prospects	24	21	1,959	26			
	FYSfy06b_2	—	Due to unsatisfactory academic progress or performance	35	31	1,866	25			
	FYSfy06b_3	—	Financial reasons	41	36	2,830	35			
	FYSfy06b_4	—	To obtain a better quality education	27	25	1,846	25			
	FYSfy06b_5	—	Personal reasons (family, health, etc.)	58	49	2,685	32			
	FYSfy06b_6	—	Another reason, please specify:	27	24	2,343	30			

First-Year Students

Variable name	N	Mean		Standard error ^f		Standard deviation ^g		DF ^h	Sig. ⁱ	Effect size ^d
	WSU	WSU	FY Exp / Sr Transiti	WSU	FY Exp / Sr Transiti	WSU	FY Exp / Sr Transiti	Comparisons with: FY Exp / Sr Transiti		
FYSfy01a	335	2.75	2.85	.04	.01	0.80	0.85	13,441	.035	-.12
FYSfy01b	335	2.78	2.89	.04	.01	0.72	0.81	13,411	.012	-.14
FYSfy01c	335	2.45	2.67	.05	.01	0.83	0.88	13,416	.000	-.26
FYSfy01d	334	2.48	2.58	.04	.01	0.80	0.90	355	.019	-.12
FYSfy01e	335	3.05	3.17	.04	.01	0.71	0.73	352	.004	-.16
FYSfy01f	333	2.91	2.96	.04	.01	0.80	0.83	13,355	.292	-.06
FYSfy02a	335	3.63	3.30	.06	.01	1.14	1.24	354	.000	.27
FYSfy02b	335	3.87	3.85	.07	.01	1.30	1.44	355	.780	.01
FYSfy02c	334	3.15	2.85	.07	.01	1.22	1.36	354	.000	.22
FYSfy02d	334	3.14	2.84	.07	.01	1.34	1.42	13,348	.000	.21
FYSfy03num	334	5.38	4.60	.18	.03	3.23	3.16	13,450	.000	.24
FYSfy05	334	5.45	5.41	.06	.01	1.14	1.21	13,408	.549	.03

Seniors

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				WSU		FY Exp / Sr Transitn		WSU	FY Exp / Sr Transitn	
				Count	%	Count	%	Mean	Mean	Effect size ^d
1a. After graduation, what best describes your immediate plans?										
	FYSsr01a	—	Full-time employment	484	64	19,573	59			
		—	Part-time employment	30	3	1,270	4			
		—	Graduate or professional school	144	18	7,869	23			
		—	Military service	6	1	285	1			
		—	Service or volunteer activity (e.g., AmeriCorps, Peace Corps, Teach for America)	8	1	332	1			
		—	Internship (paid or unpaid)	39	5	1,110	3			
		—	Travel or gap year	23	3	982	3			
		—	No plans at this time	17	2	880	3			
		—	Other, please specify:	14	2	1,070	3			
			Total	765	100	33,371	100			
1b. [If answered "Full-time employment" or "Part-time employment"] Do you already have a job for after graduation?										
	FYSsr01b	—	No	291	59	12,353	57			
		—	Yes, I will start a new job	101	20	3,226	15			
		—	Yes, I will continue in my current job	120	21	5,226	28			
			Total	512	100	20,805	100			
2. To what extent have courses in your major(s) prepared you for your post-graduation plans?										
	FYSsr02	1	Very little	43	6	1,982	6	3.0	3.0	.00
		2	Some	165	22	7,308	23			
		3	Quite a bit	297	38	12,265	37			
		4	Very much	260	34	11,745	34			
			Total	765	100	33,300	100			
3. Do you intend to work eventually in a field related to your major(s)?										
	FYSsr03	—	Yes	675	89	28,048	84			
		—	No	20	3	1,546	5			
		—	Unsure	66	8	3,676	11			
			Total	761	100	33,270	100			
4. Do you plan to be self-employed, an independent contractor, or a freelance worker someday?										
	FYSsr04	—	Yes	140	19	7,087	23			
		—	No	407	51	16,053	47			
		—	Unsure	214	29	10,087	31			
			Total	761	100	33,227	100			
5. Do you plan to start your own business (nonprofit or for-profit) someday?										
	FYSsr05	—	Yes	164	23	7,747	25			
		—	No	357	44	14,841	43			
		—	Unsure	240	33	10,650	32			
			Total	761	100	33,238	100			

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

Seniors

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				WSU		FY Exp / Sr Transiti		WSU	FY Exp / Sr Transiti	Effect size ^d
				Count	%	Count	%	Mean	Mean	
6. How much confidence do you have in your ability to complete tasks requiring the following skills and abilities?										
a. Critical thinking and analysis of arguments and information	FYSsr06a	1	Very little	0	0	210	1	3.6	3.5 *	.08
		2	Some	42	5	2,318	7			
		3	Quite a bit	265	33	11,336	33			
		4	Very much	457	61	19,380	59			
		Total		764	100	33,244	100			
b. Creative thinking and problem solving	FYSsr06b	1	Very little	1	0	209	1	3.5	3.5	.05
		2	Some	40	5	2,216	7			
		3	Quite a bit	267	34	11,214	33			
		4	Very much	454	60	19,567	59			
		Total		762	100	33,206	100			
c. Research skills	FYSsr06c	1	Very little	12	2	623	2	3.3	3.3	.04
		2	Some	95	12	4,881	15			
		3	Quite a bit	311	41	12,823	38			
		4	Very much	343	46	14,874	45			
		Total		761	100	33,201	100			
d. Clear writing	FYSsr06d	1	Very little	4	0	498	2	3.4	3.3 **	.09
		2	Some	73	10	4,116	12			
		3	Quite a bit	293	39	12,636	38			
		4	Very much	392	51	15,912	48			
		Total		762	100	33,162	100			
e. Persuasive speaking	FYSsr06e	1	Very little	29	4	1,335	4	3.0	3.1	-.05
		2	Some	186	24	7,466	22			
		3	Quite a bit	282	37	12,244	37			
		4	Very much	264	35	12,136	38			
		Total		761	100	33,181	100			
f. Technological skills	FYSsr06f	1	Very little	23	3	1,284	4	3.1	3.1	.07
		2	Some	162	20	7,367	21			
		3	Quite a bit	287	37	12,766	38			
		4	Very much	289	40	11,729	37			
		Total		761	100	33,146	100			
g. Financial and business management skills	FYSsr06g	1	Very little	106	13	5,226	15	2.6	2.6	.00
		2	Some	254	33	11,063	32			
		3	Quite a bit	250	33	9,780	30			
		4	Very much	151	20	7,115	23			
		Total		761	100	33,184	100			
h. Entrepreneurial skills	FYSsr06h	1	Very little	159	20	7,337	21	2.4	2.4	-.06
		2	Some	287	37	11,459	34			
		3	Quite a bit	212	29	8,431	26			
		4	Very much	103	14	5,825	19			
		Total		761	100	33,052	100			

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

Seniors

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				WSU		FY Exp / Sr Transiti		WSU	FY Exp / Sr Transiti	Effect size ^d
				Count	%	Count	%	Mean	Mean	
i. Leadership skills	FYSsr06i	1	Very little	20	2	939	3	3.2	3.2	-.04
		2	Some	122	16	5,072	16			
		3	Quite a bit	295	38	11,550	35			
		4	Very much	327	43	15,603	47			
		Total		764	100	33,164	100			
j. Networking and relationship building	FYSsr06j	1	Very little	41	6	1,708	5	3.0	3.0	-.03
		2	Some	167	22	7,416	22			
		3	Quite a bit	294	38	11,968	35			
		4	Very much	259	34	11,967	37			
		Total		761	100	33,059	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	42	6	1,347	4	3.0	3.1 ***	-0.16
		2	Some	174	23	6,104	19			
		3	Quite a bit	274	36	11,799	35			
		4	Very much	273	35	13,927	41			
		Total		763	100	33,177	100			
b. Taking risks in your coursework without fear of penalty	FYSsr07b	1	Very little	213	29	7,658	24	2.3	2.5 ***	-0.16
		2	Some	226	30	9,296	27			
		3	Quite a bit	179	23	8,495	26			
		4	Very much	139	18	7,622	23			
		Total		757	100	33,071	100			
c. Evaluating multiple approaches to a problem	FYSsr07c	1	Very little	51	7	1,652	5	3.0	3.1 **	-0.11
		2	Some	159	21	6,573	20			
		3	Quite a bit	294	39	12,001	36			
		4	Very much	253	33	12,767	39			
		Total		757	100	32,993	100			
d. Inventing new methods to arrive at unconventional solutions	FYSsr07d	1	Very little	124	17	4,492	14	2.6	2.7 ***	-0.12
		2	Some	221	29	9,226	28			
		3	Quite a bit	236	31	9,767	30			
		4	Very much	171	23	9,259	28			
		Total		752	100	32,744	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 307 seniors. Responses are provided in your "NSSE15 Senior Transitions Open-Ended Responses" 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 ^f		Standard deviation ^g		DF ^h	Sig. ⁱ	Effect size ^d
	WSU	WSU	FY Exp / Sr Transiti	WSU	FY Exp / Sr Transiti	WSU	FY Exp / Sr Transiti			
FYSsr02	761	3.00	2.99	.03	.01	0.89	0.90	23,388	.924	.00
FYSsr06a	759	3.56	3.50	.02	.00	0.60	0.66	821	.017	.08
FYSsr06b	757	3.55	3.51	.02	.00	0.60	0.65	817	.120	.05
FYSsr06c	756	3.30	3.27	.03	.01	0.74	0.78	23,306	.237	.04
FYSsr06d	757	3.40	3.33	.02	.00	0.68	0.75	818	.006	.09
FYSsr06e	757	3.03	3.08	.03	.01	0.86	0.87	23,282	.194	-.05
FYSsr06f	758	3.15	3.09	.03	.01	0.83	0.85	23,273	.053	.07
FYSsr06g	757	2.60	2.60	.03	.01	0.95	1.00	813	.986	.00
FYSsr06h	757	2.36	2.42	.03	.01	0.96	1.02	816	.096	-.06
FYSsr06i	760	3.21	3.25	.03	.01	0.80	0.83	23,278	.258	-.04
FYSsr06j	757	3.01	3.04	.03	.01	0.89	0.90	23,210	.377	-.03
FYSsr07a	759	3.00	3.14	.03	.01	0.91	0.87	23,298	.000	-.16
FYSsr07b	753	2.31	2.48	.04	.01	1.07	1.09	23,215	.000	-.16
FYSsr07c	754	2.98	3.08	.03	.01	0.91	0.89	23,165	.003	-.11
FYSsr07d	749	2.59	2.72	.04	.01	1.02	1.03	22,984	.001	-.12

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 .
- 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. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.

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.