
NSSE 2019 Topical Module Report

Academic Advising

Stephen F. Austin State University

This page intentionally left blank.

About This Topical Module

This module examines students' experiences with academic advising, including frequency, accessibility, and types of information provided. It also asks students to identify their primary source of advice. The module complements a question on the core survey about the quality of students' interactions with academic advisors. Complementary FSSE set available.

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 'Academic Advising' column of this report.

Group label	Academic Advising
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

Academic Advising (N=220)

Acadia University (Wolfville, NS)	Cheyney University of Pennsylvania (Cheyney, PA)
Adams State University (Alamosa, CO)*	Clarion University of Pennsylvania (Clarion, PA)
Adelphi University (Garden City, NY)	Clarke University (Dubuque, IA)
Adrian College (Adrian, MI)*	Clayton State University (Morrow, GA)
AdventHealth University (Orlando, FL)	College of New Jersey, The (Ewing, NJ)*
Alaska Pacific University (Anchorage, AK)	Colorado Mesa University (Grand Junction, CO)
Alberta College of Art + Design (Calgary, AB)	Colorado State University-Pueblo (Pueblo, CO)*
Appalachian State University (Boone, NC)*	Columbia Southern University (Orange Beach, AL)
Auburn University at Montgomery (Montgomery, AL)*	Concordia College at Moorhead (Moorhead, MN)*
Avila University (Kansas City, MO)*	Connecticut College (New London, CT)
Bacone College (Muskogee, OK)*	Cornell College (Mount Vernon, IA)*
Ball State University (Muncie, IN)*	Crown College (Saint Bonifacius, MN)
Bemidji State University (Bemidji, MN)	CUNY Herbert H. Lehman College (Bronx, NY)
Berklee College of Music (Boston, MA)	CUNY Medgar Evers College (Brooklyn, NY)
Bloomsburg University of Pennsylvania (Bloomsburg, PA)	Curry College (Milton, MA)*
Boise State University (Boise, ID)*	D'Youville College (Buffalo, NY)
Boston University (Boston, MA)*	Dakota State University (Madison, SD)*
Bradley University (Peoria, IL)*	Dixie State University (Saint George, UT)
Bridgewater College (Bridgewater, VA)*	Doane University (Cretz, NE)*
California State University, Fullerton (Fullerton, CA)*	Dominican University (River Forest, IL)
California State University, Northridge (Northridge, CA)	Drury University (Springfield, MO)*
California State University, San Bernardino (San Bernardino, CA)*	East Central University (Ada, OK)
California University of Pennsylvania (California, PA)	East Stroudsburg University of Pennsylvania (East Stroudsburg, PA)
Canisius College (Buffalo, NY)	Edinboro University of Pennsylvania (Edinboro, PA)
Carroll University (Waukesha, WI)	Elizabeth City State University (Elizabeth City, NC)
Catholic University of America, The (Washington, DC)	Fairmont State University (Fairmont, WV)
Cedarville University (Cedarville, OH)*	Fayetteville State University (Fayetteville, NC)
Central College (Pella, IA)	Florida International University (Miami, FL)*
Central Connecticut State University (New Britain, CT)	Franklin College (Franklin, IN)*
Central Michigan University (Mount Pleasant, MI)	Furman University (Greenville, SC)*

Academic Advising (N=220), continued

George Mason University (Fairfax, VA)*	Northeastern Illinois University (Chicago, IL)*
George Washington University (Washington, DC)*	Northern Kentucky University (Highland Heights, KY)*
Graceland University-Lamoni (Lamoni, IA)	Northern Michigan University (Marquette, MI)*
Grove City College (Grove City, PA)*	Northwest Missouri State University (Maryville, MO)
Gustavus Adolphus College (Saint Peter, MN)	Oglala Lakota College (Kyle, SD)
Hardin-Simmons University (Abilene, TX)	Ohio Northern University (Ada, OH)*
Hastings College (Hastings, NE)*	Ohio State University-Lima Campus (Lima, OH)
Henderson State University (Arkadelphia, AR)	Ohio State University, The (Columbus, OH)
Indiana Institute of Technology (Fort Wayne, IN)*	Ohio Wesleyan University (Delaware, OH)
Indiana University Bloomington (Bloomington, IN)*	Oklahoma Christian University (Edmond, OK)*
Indiana University Northwest (Gary, IN)*	Oklahoma City University (Oklahoma City, OK)*
Indiana University of Pennsylvania (Indiana, PA)	Olin College of Engineering (Needham, MA)
Indiana University Southeast (New Albany, IN)*	Oregon Institute of Technology (Klamath Falls, OR)*
Iona College (New Rochelle, NY)	Pace University (New York, NY)*
Jackson State University (Jackson, MS)	Pitzer College (Claremont, CA)
Judson College (Marion, AL)	Point Park University (Pittsburgh, PA)
Kean University (Union, NJ)	Pratt Institute (Brooklyn, NY)*
Keene State College (Keene, NH)	Purdue University Northwest (Hammond, IN)*
Kutztown University of Pennsylvania (Kutztown, PA)	Quest University Canada (Squamish, BC)
La Sierra University (Riverside, CA)	Rhode Island College (Providence, RI)*
Lafayette College (Easton, PA)*	Rider University (Lawrenceville, NJ)
Lake Erie College (Painesville, OH)*	Robert Morris University (Moon Township, PA)*
Lamar University (Beaumont, TX)	Rochester Institute of Technology (Rochester, NY)
Lebanon Valley College (Annville, PA)	Rockford University (Rockford, IL)*
Lehigh University (Bethlehem, PA)*	Rollins College (Winter Park, FL)*
Lenoir-Rhyne University (Hickory, NC)*	Rose-Hulman Institute of Technology (Terre Haute, IN)*
Lewis & Clark College (Portland, OR)*	Saint Martin's University (Lacey, WA)
LIM College (New York, NY)	Seton Hall University (South Orange, NJ)
Lincoln College (Lincoln, IL)	Shippensburg University of Pennsylvania (Shippensburg, PA)
Lincoln Memorial University (Harrogate, TN)*	Siena College (Loudonville, NY)*
Lindenwood University (Saint Charles, MO)*	Siena Heights University (Adrian, MI)*
Lipscomb University (Nashville, TN)	Simmons University (Boston, MA)
Lock Haven University (Lock Haven, PA)	Slippery Rock University of Pennsylvania (Slippery Rock, PA)
Madonna University (Livonia, MI)*	Southern Arkansas University (Magnolia, AR)*
Manhattan College (Riverdale, NY)*	Southern Connecticut State University (New Haven, CT)
Mansfield University of Pennsylvania (Mansfield, PA)	Southern Virginia University (Buena Vista, VA)*
Maranatha Baptist University (Watertown, WI)	Southwest Minnesota State University (Marshall, MN)
Marian University (Indianapolis, IN)	Southwestern Oklahoma State University (Weatherford, OK)
Marshall University (Huntington, WV)*	Spelman College (Atlanta, GA)
Massachusetts College of Liberal Arts (North Adams, MA)*	St. Edward's University (Austin, TX)
McNeese State University (Lake Charles, LA)*	St. Francis College (Brooklyn Heights, NY)*
Michigan Technological University (Houghton, MI)*	St. Olaf College (Northfield, MN)*
Middle Tennessee State University (Murfreesboro, TN)	St. Thomas University (Miami Gardens, FL)
Midway University (Midway, KY)	Texas Christian University (Fort Worth, TX)
Millersville University of Pennsylvania (Millersville, PA)	Texas Lutheran University (Seguin, TX)*
Millikin University (Decatur, IL)*	Texas Southern University (Houston, TX)*
Monmouth College (Monmouth, IL)*	Texas Wesleyan University (Fort Worth, TX)*
Montana State University Billings (Billings, MT)	Thiel College (Greenville, PA)*
Montana Tech of the University of Montana (Butte, MT)*	Trinity University (San Antonio, TX)*
Morningside College (Sioux City, IA)*	Troy University (Troy, AL)
Mount Mercy University (Cedar Rapids, IA)	Tyndale University College (Toronto, ON)
Mount Saint Mary College (Newburgh, NY)*	University of Alabama in Huntsville, The (Huntsville, AL)
Mount St. Joseph University (Cincinnati, OH)*	University of Alaska Fairbanks (Fairbanks, AK)
Murray State University (Murray, KY)*	University of Baltimore, The (Baltimore, MD)
Nevada State College (Henderson, NV)	University of Bridgeport (Bridgeport, CT)*
New Mexico Highlands University (Las Vegas, NM)	University of Colorado Denver (Denver, CO)
Newman University (Wichita, KS)*	University of Connecticut (Storrs, CT)*
Nicholls State University (Thibodaux, LA)*	University of Hartford (West Hartford, CT)

*2018 participant

Academic Advising (N=220), continued

University of Houston-Downtown (Houston, TX)
University of Houston-Victoria (Victoria, TX)
University of Kansas (Lawrence, KS)*
University of Kentucky (Lexington, KY)
University of Massachusetts Lowell (Lowell, MA)
University of Memphis (Memphis, TN)
University of Mount Union (Alliance, OH)
University of Nebraska at Kearney (Kearney, NE)
University of New Haven (West Haven, CT)
University of North Carolina at Charlotte (Charlotte, NC)*
University of North Georgia (Dahlonega, GA)*
University of Northern Colorado (Greeley, CO)
University of Oregon (Eugene, OR)
University of Pittsburgh-Bradford (Bradford, PA)*
University of Providence (Great Falls, MT)*
University of Redlands (Redlands, CA)*
University of Rhode Island (Kingston, RI)
University of South Dakota (Vermillion, SD)*
University of Southern Mississippi (Hattiesburg, MS)
University of Tennessee at Chattanooga, The (Chattanooga, TN)
University of Tennessee Martin, The (Martin, TN)
University of Texas at Arlington, The (Arlington, TX)*
University of Texas at Dallas, The (Richardson, TX)*
University of Texas at El Paso, The (El Paso, TX)
University of Texas at San Antonio, The (San Antonio, TX)*
University of Texas at Tyler, The (Tyler, TX)*
University of Texas of the Permian Basin, The (Odessa, TX)
University of Texas Rio Grande Valley, The (Edinburg, TX)*
University of the District of Columbia (Washington, DC)*
University of the Virgin Islands (Charlotte Amalie, VI)*
Ursinus College (Collegeville, PA)*
Wabash College (Crawfordsville, IN)*
Wagner College (Staten Island, NY)
Wayne State College (Wayne, NE)*
Wayne State University (Detroit, MI)
Wentworth Institute of Technology (Boston, MA)*
West Chester University of Pennsylvania (West Chester, PA)
West Texas A&M University (Canyon, TX)
West Virginia University (Morgantown, WV)
Western State Colorado University (Gunnison, CO)*
Wichita State University (Wichita, KS)
Wiley College (Marshall, TX)
Wofford College (Spartanburg, SC)
Woodbury University (Burbank, CA)*

First-Year Students

				Frequency Distributions ^a				Statistical Comparisons ^b		
				SFA		Academic Advising		SFA	Academic Advising	
Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	Effect size ^d
1. During the current school year, about how many times have you and an academic advisor discussed your academic interests, course selections, or academic performance?										
	ADV01	0	0	7	4	3,399	7	2.2	2.4 *	-0.14
		1	1	67	29	10,570	22			
		2	2	89	37	15,499	32			
		3	3	34	15	10,210	21			
		4	4	22	10	4,612	10			
		5	5	7	3	1,600	3			
		6	6 or more	5	2	2,728	6			
		Total		231	100	48,618	100			
2. During the current school year, to what extent have your academic advisors done the following?										
a. Been available when needed	ADV02a	1	Very little	21	9	3,234	7	3.0	3.0	.03
		2	Some	40	16	9,334	19			
		3	Quite a bit	76	35	17,234	35			
		4	Very much	89	38	16,595	34			
		—	Not applicable	5	2	2,226	4			
		Total		231	100	48,623	100			
b. Listened closely to your concerns and questions	ADV02b	1	Very little	18	8	3,234	7	3.0	3.1	-.01
		2	Some	42	18	8,873	18			
		3	Quite a bit	77	33	16,103	33			
		4	Very much	90	38	17,736	37			
		—	Not applicable	5	2	2,629	5			
		Total		232	100	48,575	100			
c. Informed you of important deadlines	ADV02c	1	Very little	33	15	5,938	12	2.9	2.9	.03
		2	Some	36	15	9,887	20			
		3	Quite a bit	72	32	14,898	31			
		4	Very much	84	36	15,217	32			
		—	Not applicable	6	2	2,629	5			
		Total		231	100	48,569	100			
d. Helped you understand academic rules and policies	ADV02d	1	Very little	27	13	5,640	11	2.9	2.8	.01
		2	Some	48	22	10,655	22			
		3	Quite a bit	68	29	14,857	31			
		4	Very much	78	33	14,292	30			
		—	Not applicable	10	4	3,123	6			
		Total		231	100	48,567	100			
e. Informed you of academic support options (tutoring, study groups, help with writing, etc.)	ADV02e	1	Very little	29	14	6,439	13	2.8	2.8	.02
		2	Some	54	22	10,784	22			
		3	Quite a bit	64	27	14,022	29			
		4	Very much	76	33	14,037	29			
		—	Not applicable	8	3	3,252	7			
		Total		231	100	48,534	100			

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

First-Year Students

Frequency Distributions ^a								Statistical Comparisons ^b		
				SFA		Academic Advising		SFA	Academic Advising	
Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	Effect size ^d
f. Provided useful information about courses	ADV02f	1	Very little	23	10	4,851	10	3.0	2.9	.07
		2	Some	40	17	9,847	20			
		3	Quite a bit	83	35	15,651	32			
		4	Very much	83	37	16,184	34			
		—	Not applicable	1	1	2,000	4			
			Total	230	100	48,533	100			
g. Helped you when you had academic difficulties	ADV02g	1	Very little	31	13	6,733	14	2.7	2.7	-.02
		2	Some	58	26	9,737	20			
		3	Quite a bit	52	22	11,467	23			
		4	Very much	61	27	12,341	25			
		—	Not applicable	29	11	8,234	17			
			Total	231	100	48,512	100			
h. Helped you get information on special opportunities (study abroad, internships, research projects, etc.)	ADV02h	1	Very little	50	22	9,223	19	2.5	2.6	-.07
		2	Some	47	20	10,271	21			
		3	Quite a bit	48	22	10,544	22			
		4	Very much	46	21	10,609	22			
		—	Not applicable	38	15	7,854	16			
			Total	229	100	48,501	100			
i. Discussed your career interests and post-graduation plans	ADV02i	1	Very little	55	24	9,652	20	2.5	2.6	-.02
		2	Some	48	20	11,317	23			
		3	Quite a bit	56	25	10,949	23			
		4	Very much	57	25	11,379	24			
		—	Not applicable	15	6	5,150	11			
			Total	231	100	48,447	100			
3. During the current school year, how often have your academic advisors reached out to you about your academic progress or performance?										
	ADV04_15	1	Never	72	31	17,105	35	2.1	2.0	.08
		2	Sometimes	86	38	18,507	38			
		3	Often	51	23	8,823	18			
		4	Very often	20	8	4,001	8			
			Total	229	100	48,436	100			
4. During the current school year, which of the following has been your primary source of advice regarding your academic plans? (Select one.)										
	ADV03	—	Academic advisor(s) assigned to you	123	53	19,253	40			
		—	Academic advisor(s) available to you	8	4	3,309	7			
		—	Faculty or staff not formally assigned as an advisor	20	10	4,324	8			
		—	Online advising system (degree progress report, etc.)	6	2	1,854	4			
		—	Website, catalog, or other published sources	6	2	1,937	4			
		—	Friends or other students	26	13	7,379	15			
		—	Family members	33	13	7,586	15			
		—	Other, please specify:	3	1	884	2			
		—	I did not seek academic advice this year	3	1	1,921	4			
			Total	228	100	48,447	100			

Seniors

				Frequency Distributions ^a				Statistical Comparisons ^b		
				SFA		Academic Advising		SFA	Academic Advising	
Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	Effect size ^d
1. During the current school year, about how many times have you and an academic advisor discussed your academic interests, course selections, or academic performance?										
	ADV01	0	0	17	9	8,062	14	2.1	2.3	-.10
		1	1	47	26	14,996	25			
		2	2	58	33	16,288	26			
		3	3	33	19	9,434	15			
		4	4	14	9	4,930	8			
		5	5	1	0	2,126	3			
		6	6 or more	8	4	6,420	10			
		Total		178	100	62,256	100			
2. During the current school year, to what extent have your academic advisors done the following?										
a. Been available when needed	ADV02a	1	Very little	14	8	5,388	9	3.1	3.0	.12
		2	Some	31	15	11,679	19			
		3	Quite a bit	56	31	19,181	31			
		4	Very much	67	41	22,640	36			
		—	Not applicable	10	5	3,401	6			
		Total		178	100	62,289	100			
b. Listened closely to your concerns and questions	ADV02b	1	Very little	13	6	5,644	9	3.1	3.0	.12
		2	Some	27	16	10,836	18			
		3	Quite a bit	58	33	17,892	29			
		4	Very much	69	40	23,352	37			
		—	Not applicable	11	5	4,515	8			
		Total		178	100	62,239	100			
c. Informed you of important deadlines	ADV02c	1	Very little	18	9	9,281	15	3.0	2.8 ** △	.20
		2	Some	31	17	12,050	19			
		3	Quite a bit	55	32	16,476	27			
		4	Very much	66	39	20,116	32			
		—	Not applicable	7	4	4,330	7			
		Total		177	100	62,253	100			
d. Helped you understand academic rules and policies	ADV02d	1	Very little	22	11	9,441	15	2.9	2.7	.15
		2	Some	39	21	12,770	21			
		3	Quite a bit	46	26	15,377	25			
		4	Very much	56	34	17,846	29			
		—	Not applicable	15	8	6,793	11			
		Total		178	100	62,227	100			
e. Informed you of academic support options (tutoring, study groups, help with writing, etc.)	ADV02e	1	Very little	38	19	13,034	21	2.7	2.5	.15
		2	Some	33	19	13,611	22			
		3	Quite a bit	37	22	12,582	20			
		4	Very much	45	28	14,117	22			
		—	Not applicable	24	12	8,857	15			
		Total		177	100	62,201	100			

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

Seniors

Frequency Distributions ^a								Statistical Comparisons ^b		
				SFA		Academic Advising		SFA	Academic Advising	
Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	Effect size ^d
f. Provided useful information about courses	ADV02f	1	Very little	21	10	9,041	15	2.9	2.8	.13
		2	Some	37	20	12,576	20			
		3	Quite a bit	55	33	16,869	27			
		4	Very much	55	33	19,049	30			
		—	Not applicable	10	5	4,666	8			
		Total	178	100	62,201	100				
g. Helped you when you had academic difficulties	ADV02g	1	Very little	28	15	10,090	17	2.7	2.7	.06
		2	Some	30	18	10,701	17			
		3	Quite a bit	40	23	12,174	19			
		4	Very much	42	25	16,069	25			
		—	Not applicable	38	19	13,143	22			
		Total	178	100	62,177	100				
h. Helped you get information on special opportunities (study abroad, internships, research projects, etc.)	ADV02h	1	Very little	38	20	13,468	22	2.5	2.5	.04
		2	Some	37	22	11,027	18			
		3	Quite a bit	33	19	11,138	17			
		4	Very much	37	23	14,111	22			
		—	Not applicable	33	16	12,417	21			
		Total	178	100	62,161	100				
i. Discussed your career interests and post-graduation plans	ADV02i	1	Very little	41	21	14,016	24	2.5	2.5	.01
		2	Some	43	26	12,727	21			
		3	Quite a bit	37	20	11,922	18			
		4	Very much	41	25	16,159	25			
		—	Not applicable	15	8	7,240	13			
		Total	177	100	62,064	100				
3. During the current school year, how often have your academic advisors reached out to you about your academic progress or performance?										
	ADV04_15	1	Never	75	39	26,105	43	1.9	1.9	.07
		2	Sometimes	60	35	21,104	33			
		3	Often	29	18	9,885	16			
		4	Very often	14	8	4,988	8			
		Total	178	100	62,082	100				
4. During the current school year, which of the following has been your primary source of advice regarding your academic plans? (Select one.)										
	ADV03	—	Academic advisor(s) assigned to you	86	53	22,070	35			
		—	Academic advisor(s) available to any student	6	3	5,003	8			
		—	Faculty or staff not formally assigned as an advisor	30	16	10,049	15			
		—	Online advising system (degree progress report, etc.)	3	2	4,706	8			
		—	Website, catalog, or other published sources	8	4	2,864	5			
		—	Friends or other students	13	6	6,842	11			
		—	Family members	18	10	5,237	8			
		—	Other, please specify:	1	0	1,739	3			
		—	I did not seek academic advice this year	12	6	3,608	6			
		Total	177	100	62,118	100				

First-Year Students

Variable name	N	Mean		Standard error ^f		Standard deviation ^g		DF ^h	Sig. ⁱ	Effect size ^d
	SFA	SFA	Academic Advising	SFA	Academic Advising	SFA	Academic Advising	Comparisons with: Academic Advising		
ADV01	238	2.15	2.36	.082	.009	1.27	1.46	243	.013	-.14
ADV02a	233	3.04	3.01	.063	.006	0.96	0.92	23,832	.692	.03
ADV02b	234	3.05	3.06	.062	.006	0.95	0.93	23,573	.867	-.01
ADV02c	233	2.90	2.87	.070	.007	1.06	1.02	23,590	.599	.03
ADV02d	228	2.85	2.85	.069	.007	1.04	1.01	23,337	.926	.01
ADV02e	231	2.82	2.80	.070	.007	1.06	1.03	23,238	.753	.02
ADV02f	236	3.00	2.93	.064	.006	0.98	0.99	23,888	.278	.07
ADV02g	211	2.71	2.73	.073	.008	1.06	1.07	20,607	.824	-.02
ADV02h	202	2.48	2.56	.079	.008	1.12	1.11	20,795	.321	-.07
ADV02i	224	2.54	2.56	.076	.007	1.14	1.10	22,187	.803	-.02
ADV04_15	237	2.07	2.00	.060	.006	0.92	0.93	24,841	.225	.08

Seniors

Variable name	N	Mean		Standard error ^f		Standard deviation ^g		DF ^h	Sig. ⁱ	Effect size ^d
	SFA	SFA	Academic Advising	SFA	Academic Advising	SFA	Academic Advising	Comparisons with: Academic Advising		
ADV01	177	2.10	2.27	.102	.010	1.36	1.73	179	.101	-.10
ADV02a	168	3.11	2.99	.074	.006	0.95	0.98	31,097	.119	.12
ADV02b	167	3.13	3.00	.070	.006	0.91	1.00	30,437	.113	.12
ADV02c	169	3.03	2.82	.076	.006	0.98	1.08	171	.006	.20
ADV02d	162	2.91	2.75	.081	.006	1.03	1.08	163	.054	.15
ADV02e	155	2.68	2.51	.092	.007	1.14	1.13	28,129	.064	.15
ADV02f	168	2.92	2.77	.076	.006	0.99	1.08	170	.060	.13
ADV02g	143	2.73	2.66	.091	.007	1.09	1.14	25,638	.501	.06
ADV02h	148	2.54	2.49	.093	.007	1.13	1.17	26,110	.638	.04
ADV02i	162	2.52	2.51	.088	.007	1.12	1.17	28,707	.871	.01
ADV04_15	177	1.94	1.88	.070	.005	0.94	0.94	32,834	.368	.07

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.