



NSSE 2017 Topical Module Report

Academic Advising

Regent University

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	5/9/17
How was this comparison group constructed?	Your institution added or removed institutions from the default comparison group (all module participants)
Group description	All 2017 NSSE institutions who administered module "Academic Advising"

Academic Advising (N=218)

Acadia University (Wolfville, NS)	California State University-Long Beach (Long Beach, CA)
Adrian College (Adrian, MI)	California State University-Los Angeles (Los Angeles, CA)
Alaska Pacific University (Anchorage, AK)	California State University, Fresno (Fresno, CA)
Albany State University (Albany, GA)	California State University, Northridge (Northridge, CA)
Albion College (Albion, MI)	California State University, Sacramento (Sacramento, CA)
Algoma University (Sault Ste. Marie, ON)	California University of Pennsylvania (California, PA)
Allegheny College (Meadville, PA)	Campbell University Inc. (Buies Creek, NC)
Alma College (Alma, MI)	Cape Breton University (Sydney, NS)
Anna Maria College (Paxton, MA)	Carroll University (Waukesha, WI)
Armstrong State University (Savannah, GA)	Catholic University of America, The (Washington, DC)
Augusta University (Augusta, GA)	Centenary College of Louisiana (Shreveport, LA)
Bacone College (Muskogee, OK)	Central Christian College of Kansas (McPherson, KS)
Becker College (Worcester, MA)	Central Connecticut State University (New Britain, CT)
Berkeley College (New York, NY)	Chaminade University of Honolulu (Honolulu, HI)
Bethany College (Lindsborg, KS)	Chatham University (Pittsburgh, PA)
Binghamton University (State University of New York) (Binghamton, NY)	Chicago State University (Chicago, IL)
Bishop's University (Sherbrooke, QC)	Chowan University (Murfreesboro, NC)
Bloomsburg University of Pennsylvania (Bloomsburg, PA)	Christopher Newport University (Newport News, VA)
Bowie State University (Bowie, MD)	Clarion University of Pennsylvania (Clarion, PA)
Brandon University (Brandon, MB)	Clarke University (Dubuque, IA)
Briar Cliff University (Sioux City, IA)	Colgate University (Hamilton, NY)
Bridgewater State University (Bridgewater, MA)	College at Brockport, SUNY, The (Brockport, NY)
Brigham Young University (Provo, UT)	College of Idaho, The (Caldwell, ID)
Brigham Young University-Idaho (Rexburg, ID)	College of Saint Elizabeth (Morristown, NJ)
Bucknell University (Lewisburg, PA)	College of Saint Rose, The (Albany, NY)
California Polytechnic State University-San Luis Obispo (San Luis Obispo, CA)	Columbia College (Columbia, MO)
California State Polytechnic University-Pomona (Pomona, CA)	Concordia University (Portland, OR)
California State University-Bakersfield (Bakersfield, CA)	Concordia University (Montreal, QC)
California State University-Channel Islands (Camarillo, CA)	Concordia University Chicago (River Forest, IL)
California State University-Dominguez Hills (Carson, CA)	Concordia University Texas (Austin, TX)

Academic Advising (N=218), continued

Connecticut College (New London, CT)	New College of Florida (Sarasota, FL)
Cornerstone University (Grand Rapids, MI)	New Mexico Institute of Mining and Technology (Socorro, NM)
CUNY Bernard M Baruch College (New York, NY)	New Mexico State University (Las Cruces, NM)
CUNY Medgar Evers College (Brooklyn, NY)	North Carolina Agricultural & Technical State University (Greensboro, NC)
Davis & Elkins College (Elkins, WV)	Northwestern Oklahoma State University (Alva, OK)
Defiance College (Defiance, OH)	Occidental College (Los Angeles, CA)
Denison University (Granville, OH)	Oglala Lakota College (Kyle, SD)
Dickinson State University (Dickinson, ND)	Ohio University (Athens, OH)
East Central University (Ada, OK)	Ottawa University (Ottawa, KS)
East Stroudsburg University of Pennsylvania (East Stroudsburg, PA)	Otterbein University (Westerville, OH)
Eastern Connecticut State University (Willimantic, CT)	Pfeiffer University (Misenheimer, NC)
Eastern Washington University (Cheney, WA)	Pitzer College (Claremont, CA)
Edinboro University of Pennsylvania (Edinboro, PA)	Plymouth State University (Plymouth, NH)
Elizabeth City State University (Elizabeth City, NC)	Point Park University (Pittsburgh, PA)
Elizabethtown College (Elizabethtown, PA)	Providence College (Providence, RI)
Embry Riddle Aeronautical University-Worldwide (Daytona Beach, FL)	Quest University Canada (Squamish, BC)
Farmingdale State College (Farmingdale, NY)	Randolph-Macon College (Ashland, VA)
Fayetteville State University (Fayetteville, NC)	Rhode Island School of Design (Providence, RI)
Fitchburg State University (Fitchburg, MA)	Rhodes College (Memphis, TN)
Florida A&M University (Tallahassee, FL)	Rider University (Lawrenceville, NJ)
Florida Institute of Technology (Melbourne, FL)	Ringling College of Art and Design (Sarasota, FL)
Francis Marion University (Florence, SC)	Rogers State University (Claremore, OK)
Franklin University (Columbus, OH)	Saint Xavier University (Chicago, IL)
Fredonia State University of New York (Fredonia, NY)	Seton Hall University (South Orange, NJ)
Gannon University (Erie, PA)	Sewanee: The University of the South (Sewanee, TN)
Georgia College & State University (Milledgeville, GA)	Shawnee State University (Portsmouth, OH)
Gettysburg College (Gettysburg, PA)	Shippensburg University of Pennsylvania (Shippensburg, PA)
Goshen College (Goshen, IN)	Slippery Rock University of Pennsylvania (Slippery Rock, PA)
Goucher College (Baltimore, MD)	Southern Connecticut State University (New Haven, CT)
Grambling State University (Grambling, LA)	Southwestern Oklahoma State University (Weatherford, OK)
Hardin-Simmons University (Abilene, TX)	St. Edward's University (Austin, TX)
Henderson State University (Arkadelphia, AR)	Stephen F. Austin State University (Nacogdoches, TX)
Inter American University of Puerto Rico-Metro Campus (San Juan, PR)	Stevens Institute of Technology (Hoboken, NJ)
Jarvis Christian College (Hawkins, TX)	Suffolk University (Boston, MA)
John Brown University (Siloam Springs, AR)	SUNY College at Old Westbury (Old Westbury, NY)
John Carroll University (Cleveland, OH)	SUNY College of Environmental Science and Forestry (Syracuse, NY)
Kent State University (Kent, OH)	SUNY College of Technology at Alfred (Alfred, NY)
Kentucky State University (Frankfort, KY)	SUNY Maritime College (Bronx, NY)
King's University, The (Edmonton, AB)	SUNY-Buffalo State College (Buffalo, NY)
Kutztown University of Pennsylvania (Kutztown, PA)	Tennessee State University (Nashville, TN)
Lake Forest College (Lake Forest, IL)	Texas A&M University - Corpus Christi (Corpus Christi, TX)
Lewis University (Romeoville, IL)	Thompson Rivers University (Kamloops, BC)
LIM College (New York, NY)	Troy University (Troy, AL)
Lincoln University (Lincoln University, PA)	Union College (NE) (Lincoln, NE)
Lock Haven University (Lock Haven, PA)	United States Coast Guard Academy (New London, CT)
Mansfield University of Pennsylvania (Mansfield, PA)	United States Merchant Marine Academy (Kings Point, NY)
Maranatha Baptist University (Watertown, WI)	University at Albany, SUNY, The (Albany, NY)
Martin Methodist College (Pulaski, TN)	University of Calgary (Calgary, AB)
Mayville State University (Mayville, ND)	University of Central Florida (Orlando, FL)
Middle Georgia State University (Macon, GA)	University of Hawai'i at Hilo (Hilo, HI)
Midland University (Fremont, NE)	University of Houston (Houston, TX)
Midway University (Midway, KY)	University of Houston-Victoria (Victoria, TX)
Millersville University of Pennsylvania (Millersville, PA)	University of Illinois at Chicago (Chicago, IL)
Millsaps College (Jackson, MS)	University of Indianapolis (Indianapolis, IN)
Minnesota State University Moorhead (Moorhead, MN)	University of Maine (Orono, ME)
Morrisville State College (Morrisville, NY)	University of Maine at Augusta (Augusta, ME)
Mount St. Vincent University (Halifax, NS)	University of Maine at Farmington (Farmington, ME)
Murray State University (Murray, KY)	University of Maine at Fort Kent (Fort Kent, ME)

*2016 participant

Academic Advising (N=218), continued

University of Maine at Machias (Machias, ME)
University of Maine at Presque Isle (Presque Isle, ME)
University of Maryland-Eastern Shore (Princess Anne, MD)
University of Massachusetts Amherst (Amherst, MA)
University of Massachusetts Boston (Boston, MA)
University of Massachusetts Dartmouth (North Dartmouth, MA)
University of Missouri-St. Louis (Saint Louis, MO)
University of New Brunswick (Fredericton, NB)
University of New Brunswick - Saint John Campus (Saint John, NB)
University of New Hampshire (Durham, NH)
University of New Haven (West Haven, CT)
University of North Georgia (Dahlonega, GA)
University of Oregon (Eugene, OR)
University of Pikeville (Pikeville, KY)
University of Saint Francis-Fort Wayne (Fort Wayne, IN)
University of San Francisco (San Francisco, CA)
University of Southern Maine (Portland, ME)
University of Tennessee at Chattanooga, The (Chattanooga, 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 Rio Grande Valley, The (Edinburg, TX)
University of the Ozarks (Clarksville, AR)
University of Vermont (Burlington, VT)
University of Wisconsin-Eau Claire (Eau Claire, WI)
University of Wisconsin-La Crosse (La Crosse, WI)
University of Wisconsin-Milwaukee (Milwaukee, WI)
University of Wisconsin-Superior (Superior, WI)
University of Wisconsin-Whitewater (Whitewater, WI)
Urbana University (Urbana, OH)
Valdosta State University (Valdosta, GA)
Vaughn College of Aeronautics and Technology (Flushing, NY)
Virginia Commonwealth University (Richmond, VA)
Warren Wilson College (Swannanoa, NC)
Washburn University (Topeka, KS)
Weber State University (Ogden, UT)
Western New Mexico University (Silver City, NM)
Western Oregon University (Monmouth, OR)
Western Washington University (Bellingham, WA)
Wofford College (Spartanburg, SC)
York College of Pennsylvania (York, PA)

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				Regent		Academic Advising		Regent	Academic Advising	Effect size ^d
				Count	%	Count	%	Mean	Mean	
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	23	9	6,961	13	2.2	2.1	.07
		1	1	64	25	12,994	24			
		2	2	74	29	15,552	29			
		3	3	52	20	9,816	18			
		4	4	19	7	4,342	8			
		5	5	13	5	1,626	3			
		6	6 or more	13	5	2,588	5			
			Total	258	100	53,879	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	23	9	4,252	8	2.9	2.9	.01
		2	Some	53	20	10,827	20			
		3	Quite a bit	94	36	18,558	34			
		4	Very much	82	31	15,664	29			
		—	Not applicable	9	4	4,621	9			
			Total	261	100	53,922	100			
b. Listened closely to your concerns and questions	ADV02b	1	Very little	19	7	4,088	8	3.0	3.0	.08
		2	Some	52	19	10,140	19			
		3	Quite a bit	81	32	17,571	32			
		4	Very much	99	38	16,690	31			
		—	Not applicable	9	4	5,405	10			
			Total	260	100	53,894	100			
c. Informed you of important deadlines	ADV02c	1	Very little	46	17	6,994	13	2.7	2.8	-.07
		2	Some	41	16	11,095	20			
		3	Quite a bit	83	32	16,042	29			
		4	Very much	70	26	14,750	28			
		—	Not applicable	21	8	5,018	9			
			Total	261	100	53,899	100			
d. Helped you understand academic rules and policies	ADV02d	1	Very little	36	14	6,610	12	2.7	2.8	-.05
		2	Some	56	21	11,858	22			
		3	Quite a bit	74	29	16,182	30			
		4	Very much	66	25	13,578	26			
		—	Not applicable	29	12	5,646	11			
			Total	261	100	53,874	100			
e. Informed you of academic support options (tutoring, study groups, help with writing, etc.)	ADV02e	1	Very little	42	16	7,262	13	2.7	2.7	-.06
		2	Some	60	23	11,917	22			
		3	Quite a bit	68	27	15,487	28			
		4	Very much	70	26	13,466	26			
		—	Not applicable	19	8	5,728	11			
			Total	259	100	53,860	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		
				Regent		Academic Advising		Regent	Academic Advising	
				Count	%	Count	%	Mean	Mean	Effect size ^d
f. Provided useful information about courses	ADV02f	1	Very little	40	16	5,942	11	2.8	2.8	-.08
		2	Some	58	21	11,409	21			
		3	Quite a bit	74	29	17,005	31			
		4	Very much	79	30	15,080	29			
		—	Not applicable	9	4	4,404	8			
		Total		260	100	53,840	100			
g. Helped you when you had academic difficulties	ADV02g	1	Very little	41	16	7,751	14	2.7	2.7	-.01
		2	Some	53	21	10,865	20			
		3	Quite a bit	46	18	12,584	23			
		4	Very much	68	25	11,621	22			
		—	Not applicable	51	20	11,009	21			
		Total		259	100	53,830	100			
h. Helped you get information on special opportunities (study abroad, internships, research projects, etc.)	ADV02h	1	Very little	58	23	10,415	19	2.3	2.5	-.14
		2	Some	43	16	11,366	21			
		3	Quite a bit	32	12	11,356	21			
		4	Very much	43	16	9,640	18			
		—	Not applicable	84	34	11,009	21			
		Total		260	100	53,786	100			
i. Discussed your career interests and post-graduation plans	ADV02i	1	Very little	74	29	11,294	21	2.2	2.5 **	-0.21
		2	Some	54	21	12,546	23			
		3	Quite a bit	40	15	11,243	21			
		4	Very much	42	16	10,080	19			
		—	Not applicable	47	19	8,568	16			
		Total		257	100	53,731	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	88	35	21,066	39	2.0	1.9	.04
		2	Sometimes	112	42	19,374	35			
		3	Often	38	14	9,270	18			
		4	Very often	23	9	4,005	8			
		Total		261	100	53,715	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	107	41	17,448	33	2.0	1.9	.04
		—	Academic advisor(s) available to any student	21	8	4,936	10			
		—	Faculty or staff not formally assigned as an advisor	12	5	4,532	8			
		—	Online advising system (degree progress report, etc.)	22	9	2,190	4			
		—	Website, catalog, or other published sources	12	5	2,768	5			
		—	Friends or other students	12	4	8,556	15			
		—	Family members	46	17	9,355	17			
		—	Other, please specify:	6	2	1,120	2			
		—	I did not seek academic advice this year	22	9	2,834	6			
		Total		260	100	53,739	100			

Seniors

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				Regent		Academic Advising		Regent	Academic Advising	Effect size ^d
				Count	%	Count	%	Mean	Mean	
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	41	12	11,681	16	2.1	2.2	-.04
		1	1	88	26	17,606	25			
		2	2	100	29	17,792	25			
		3	3	60	17	10,209	14			
		4	4	28	8	5,413	8			
		5	5	8	2	2,351	3			
		6	6 or more	19	5	6,613	9			
			Total	344	100	71,665	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	33	10	7,101	10	2.9	2.9	.01
		2	Some	73	21	14,371	20			
		3	Quite a bit	111	33	21,856	30			
		4	Very much	116	33	22,635	32			
		—	Not applicable	11	3	5,755	8			
			Total	344	100	71,718	100			
b. Listened closely to your concerns and questions	ADV02b	1	Very little	24	8	6,997	10	3.0	2.9	.06
		2	Some	68	20	13,420	19			
		3	Quite a bit	108	32	20,594	29			
		4	Very much	123	35	23,563	33			
		—	Not applicable	21	6	7,114	10			
			Total	344	100	71,688	100			
c. Informed you of important deadlines	ADV02c	1	Very little	58	17	12,097	17	2.7	2.7	-.02
		2	Some	78	23	14,672	20			
		3	Quite a bit	84	24	18,573	26			
		4	Very much	101	29	19,597	28			
		—	Not applicable	23	7	6,748	9			
			Total	344	100	71,687	100			
d. Helped you understand academic rules and policies	ADV02d	1	Very little	61	18	11,837	17	2.7	2.7	.02
		2	Some	67	20	15,454	21			
		3	Quite a bit	83	24	17,458	24			
		4	Very much	94	27	17,382	25			
		—	Not applicable	36	11	9,507	13			
			Total	341	100	71,638	100			
e. Informed you of academic support options (tutoring, study groups, help with writing, etc.)	ADV02e	1	Very little	75	22	15,914	22	2.5	2.4	.02
		2	Some	71	21	16,144	22			
		3	Quite a bit	75	22	14,189	20			
		4	Very much	69	19	13,666	20			
		—	Not applicable	53	15	11,695	16			
			Total	343	100	71,608	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		
				Regent		Academic Advising		Regent	Academic Advising	
				Count	%	Count	%	Mean	Mean	Effect size ^d
f. Provided useful information about courses	ADV02f	1	Very little	61	19	11,448	16	2.6	2.7	-.05
		2	Some	73	21	15,373	21			
		3	Quite a bit	91	26	18,998	26			
		4	Very much	89	25	18,630	26			
		—	Not applicable	29	9	7,153	10			
		Total		343	100	71,602	100			
g. Helped you when you had academic difficulties	ADV02g	1	Very little	46	13	12,593	18	2.7	2.6	.08
		2	Some	62	18	12,962	18			
		3	Quite a bit	55	16	13,939	19			
		4	Very much	76	22	15,669	22			
		—	Not applicable	103	31	16,425	23			
		Total		342	100	71,588	100			
h. Helped you get information on special opportunities (study abroad, internships, research projects, etc.)	ADV02h	1	Very little	92	27	16,281	23	2.1	2.4 ***	-0.26
		2	Some	39	11	13,347	18			
		3	Quite a bit	37	10	12,925	17			
		4	Very much	41	12	13,705	19			
		—	Not applicable	134	40	15,300	22			
		Total		343	100	71,558	100			
i. Discussed your career interests and post-graduation plans	ADV02i	1	Very little	120	36	17,561	25	2.0	2.4 ***	-0.36
		2	Some	61	17	15,171	21			
		3	Quite a bit	38	11	13,196	18			
		4	Very much	42	12	15,550	21			
		—	Not applicable	79	23	9,930	15			
		Total		340	100	71,408	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	125	38	33,663	47	1.9	1.8	.04
		2	Sometimes	147	43	22,433	31			
		3	Often	50	15	10,222	15			
		4	Very often	18	5	5,120	7			
		—	Not applicable	79	23	9,930	15			
		Total		340	100	71,438	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	142	41	20,457	29	1.9	1.8	.04
		—	Academic advisor(s) available to any student	18	6	6,957	10			
		—	Faculty or staff not formally assigned as an advisor	23	7	12,250	17			
		—	Online advising system (degree progress report, etc.)	32	10	5,823	8			
		—	Website, catalog, or other published sources	26	7	4,252	6			
		—	Friends or other students	15	4	8,884	12			
		—	Family members	42	12	6,226	8			
		—	Other, please specify:	13	4	2,194	3			
		—	I did not seek academic advice this year	31	9	4,458	6			
		Total		342	100	71,501	100			

First-Year Students

Variable name	N	Mean		Standard error ^f		Standard deviation ^g		DF ^h	Sig. ⁱ	Effect size ^d
	Regent	Regent	Academic Advising	Regent	Academic Advising	Regent	Academic Advising	Comparisons with: Academic Advising		
ADV01	257	2.23	2.13	.09	.01	1.49	1.52	67,091	.292	.07
ADV02a	250	2.93	2.92	.06	.00	0.95	0.94	61,329	.935	.01
ADV02b	250	3.04	2.97	.06	.00	0.95	0.94	60,409	.235	.08
ADV02c	239	2.73	2.80	.07	.00	1.07	1.03	60,779	.303	-.07
ADV02d	230	2.72	2.78	.07	.00	1.04	1.01	60,026	.408	-.05
ADV02e	237	2.68	2.74	.07	.00	1.06	1.03	59,867	.381	-.06
ADV02f	249	2.76	2.84	.07	.00	1.06	1.00	250	.236	-.08
ADV02g	207	2.66	2.66	.08	.00	1.12	1.07	207	.928	-.01
ADV02h	171	2.32	2.48	.09	.00	1.18	1.09	171	.089	-.14
ADV02i	207	2.22	2.45	.08	.00	1.14	1.10	56,033	.002	-.21
ADV04_15	260	1.98	1.94	.06	.00	0.93	0.94	66,884	.502	.04

Seniors

Variable name	N	Mean		Standard error ^f		Standard deviation ^g		DF ^h	Sig. ⁱ	Effect size ^d
		Regent	Academic Advising	Regent	Academic Advising	Regent	Academic Advising			
ADV01	344	2.11	2.18	.08	.01	1.51	1.75	347	.345	-.04
ADV02a	333	2.92	2.90	.05	.00	0.98	1.00	87,412	.789	.01
ADV02b	323	3.00	2.94	.05	.00	0.95	1.00	325	.261	.06
ADV02c	321	2.69	2.72	.06	.00	1.10	1.09	86,038	.689	-.02
ADV02d	304	2.68	2.66	.06	.00	1.11	1.09	82,413	.761	.02
ADV02e	290	2.45	2.44	.07	.00	1.11	1.12	79,445	.797	.02
ADV02f	314	2.64	2.70	.06	.00	1.10	1.08	85,404	.351	-.05
ADV02g	235	2.68	2.59	.07	.00	1.11	1.13	72,842	.234	.08
ADV02h	206	2.12	2.41	.08	.00	1.18	1.15	73,612	.000	-.26
ADV02i	260	1.99	2.42	.07	.00	1.12	1.15	261	.000	-.36
ADV04_15	340	1.87	1.83	.05	.00	0.84	0.94	342	.369	.04

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.