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# **NSSE 2020 Topical Module Report**

## **Academic Advising**

Eastern Washington University

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## About This Topical Module

This module examines students' experiences with academic advising, including frequency of interaction with advisors and advising practices that reflect NACADA core values. It also asks students to identify who has been most helpful. 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	6/5/20
How was this comparison group constructed?	Your institution retained the default comparison group (all module participants).
Group description	All other current- and prior-year (if applicable) NSSE institutions who administered module "Academic Advising"

## Academic Advising (N=216)

Abraham Baldwin Agricultural College (Tifton, GA)	California State University, Fresno (Fresno, CA)
Alabama A&M University (Normal, AL)	California State University, Los Angeles (Los Angeles, CA)
Alabama State University (Montgomery, AL)	California State University, Monterey Bay (Seaside, CA)
Albany State University (Albany, GA)	Carleton University (Ottawa, ON)
Alcorn State University (Alcorn State, MS)	Catholic University of America, The (Washington, DC)
Algoma University (Sault Ste. Marie, ON)	Cedarville University (Cedarville, OH)
Aquinas College (Grand Rapids, MI)	Centenary College of Louisiana (Shreveport, LA)
Arcadia University (Glenside, PA)	Charleston Southern University (Charleston, SC)
Barton College (Wilson, NC)	Chowan University (Murfreesboro, NC)
Becker College (Worcester, MA)	Christopher Newport University (Newport News, VA)
Belmont Abbey College (Belmont, NC)	Clark University (Worcester, MA)
Belmont University (Nashville, TN)	Clarke University (Dubuque, IA)
Beloit College (Beloit, WI)	Cleveland Institute of Art (Cleveland, OH)
Bethany College (Bethany, WV)	Cleveland State University (Cleveland, OH)
Bethany Lutheran College (Mankato, MN)	College of Saint Elizabeth (Morristown, NJ)
Bethune-Cookman University (Daytona Beach, FL)	College of Saint Scholastica, The (Duluth, MN)
Binghamton University (State University of New York) (Vestal, NY)	Colorado State University-Pueblo (Pueblo, CO)
Black Hills State University (Spearfish, SD)	Colorado Technical University (Colorado Springs, CO)
Boston University (Boston, MA)	Columbia College (Columbia, SC)
Bowie State University (Bowie, MD)	Columbus State University (Columbus, GA)
Brandon University (Brandon, MB)	Concordia University (Montreal, QC)
Briar Cliff University (Sioux City, IA)	CUNY Medgar Evers College (Brooklyn, NY)
Bridgewater College (Bridgewater, VA)	D'Youville College (Buffalo, NY)
Bridgewater State University (Bridgewater, MA)	Dakota State University (Madison, SD)
Brigham Young University (Provo, UT)	Dalton State College (Dalton, GA)
Bucknell University (Lewisburg, PA)	Davis & Elkins College (Elkins, WV)
Butler University (Indianapolis, IN)	Denison University (Granville, OH)
Cabrini University (Radnor, PA)	Doane University (Crete, NE)
California State Polytechnic University-Pomona (Pomona, CA)	Drury University (Springfield, MO)
California State University-Channel Islands (Camarillo, CA)	Eastern Illinois University (Charleston, IL)

## Academic Advising (N=216), continued

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Elizabethtown College (Elizabethtown, PA)  
Emory University (Atlanta, GA)  
Farmingdale State College (Farmingdale, NY)  
Fayetteville State University (Fayetteville, NC)  
Ferris State University (Big Rapids, MI)  
Florida A&M University (Tallahassee, FL)  
Florida Institute of Technology (Melbourne, FL)  
Florida International University (Miami, FL)  
Fort Valley State University (Fort Valley, GA)  
Georgia Institute of Technology (Atlanta, GA)  
Gettysburg College (Gettysburg, PA)  
Glennville State College (Glennville, WV)  
Goshen College (Goshen, IN)  
Grinnell College (Grinnell, IA)  
Hope College (Holland, MI)  
Houghton College (Houghton, NY)  
Inter American University of Puerto Rico-Metro Campus (San Juan, PR)  
James Madison University (Harrisonburg, VA)  
Judson College (Marion, AL)  
Kansas Wesleyan University (Salina, KS)  
Kennesaw State University (Kennesaw, GA)  
Kent State University at Ashtabula (Ashtabula, OH)  
Kent State University at Geauga (Burton, OH)  
Kent State University at Salem (Salem, OH)  
Kent State University at Stark (Canton, OH)  
Kent State University at Trumbull (Warren, OH)  
Kent State University at Tuscarawas (New Philadelphia, OH)  
Keuka College (Keuka Park, NY)  
King's University, The (Edmonton, AB)  
LaGrange College (Lagrange, GA)  
Lenoir-Rhyne University (Hickory, NC)  
Lewis University (Romeoville, IL)  
Lincoln Memorial University (Harrogate, TN)  
Lincoln University (Lincoln University, PA)  
Lipscomb University (Nashville, TN)  
Loras College (Dubuque, IA)  
Lyon College (Batesville, AR)  
Manhattan College (Riverdale, NY)  
Marshall University (Huntington, WV)  
Martin Methodist College (Pulaski, TN)  
McMaster University (Hamilton, ON)  
McNeese State University (Lake Charles, LA)  
Meredith College (Raleigh, NC)  
Middle Georgia State University (Macon, GA)  
Midland University (Fremont, NE)  
Midway University (Midway, KY)  
Minnesota State University, Mankato (Mankato, MN)  
Minot State University (Minot, ND)  
Mount Saint Vincent University (Halifax, NS)  
Muhlenberg College (Allentown, PA)  
Nebraska Methodist College (Omaha, NE)  
New Mexico State University (Las Cruces, NM)  
New York Institute of Technology (Old Westbury, NY)  
Nicholls State University (Thibodaux, LA)  
North Carolina Agricultural & Technical State University (Greensboro, NC)  
Northern State University (Aberdeen, SD)  
Northwestern Oklahoma State University (Alva, OK)  
Ohio Northern University (Ada, OH)  
Ohio University (Athens, OH)  
Oklahoma Christian University (Edmond, OK)  
Olivet College (Olivet, MI)  
Palm Beach Atlantic University-West Palm Beach (West Palm Beach, FL)  
Pitzer College (Claremont, CA)  
Presbyterian College (Clinton, SC)  
Providence College (Providence, RI)  
Purdue University Fort Wayne (Fort Wayne, IN)  
Purdue University Northwest (Hammond, IN)  
Quest University Canada (Squamish, BC)  
Ramapo College of New Jersey (Mahwah, NJ)  
Randolph-Macon College (Ashland, VA)  
Rhode Island School of Design (Providence, RI)  
Rhodes College (Memphis, TN)  
Rogers State University (Claremore, OK)  
Rollins College (Winter Park, FL)  
Ryerson University (Toronto, ON)  
Saint Ambrose University (Davenport, IA)  
Saint Mary's University (Halifax, NS)  
Saint Michael's College (Colchester, VT)  
Saint Norbert College (De Pere, WI)  
Salve Regina University (Newport, RI)  
San Francisco State University (San Francisco, CA)  
School of the Art Institute of Chicago (Chicago, IL)  
Shaw University (Raleigh, NC)  
Siena Heights University (Adrian, MI)  
Simmons University (Boston, MA)  
South Dakota State University (Brookings, SD)  
Southern Connecticut State University (New Haven, CT)  
Southwestern University (Georgetown, TX)  
St. Edward's University (Austin, TX)  
St. Francis College (Brooklyn Heights, NY)  
St. Louis College of Pharmacy (Saint Louis, MO)  
State University of New York at Brockport (Brockport, NY)  
State University of New York at Fredonia (Fredonia, NY)  
State University of New York at Geneseo, The (Geneseo, NY)  
State University of New York at Potsdam, The (Potsdam, NY)  
Stockton University (Galloway, NJ)  
SUNY Cortland (Cortland, NY)  
Susquehanna University (Selingsgrove, PA)  
Taylor University (Upland, IN)  
Texas A&M International University (Laredo, TX)  
Texas Wesleyan University (Fort Worth, TX)  
Thomas More University (Crestview Hills, KY)  
Truman State University (Kirksville, MO)  
Tyndale University (Toronto, ON)  
United States Coast Guard Academy (New London, CT)  
Université d'Ottawa / University of Ottawa (Ottawa, ON)  
University at Albany, SUNY, The (Albany, NY)  
University of Calgary (Calgary, AB)  
University of Charleston (Charleston, WV)  
University of Houston (Houston, TX)  
University of Illinois at Chicago (Chicago, IL)  
University of Indianapolis (Indianapolis, IN)  
University of Maine (Orono, ME)  
University of Maine at Augusta (Augusta, ME)  
University of Maine at Farmington (Farmington, ME)  
University of Maine at Fort Kent (Fort Kent, ME)

\*2019 participant

## Academic Advising (N=216), continued

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University of Maine at Machias (Machias, ME)  
University of Maine at Presque Isle (Presque Isle, ME)  
University of Massachusetts Boston (Boston, MA)  
University of Minnesota Morris (Morris, MN)  
University of New Hampshire at Manchester (Manchester, NH)  
University of New Haven (West Haven, CT)  
University of North Carolina at Charlotte (Charlotte, NC)  
University of North Georgia (Dahlonega, GA)  
University of Northern Iowa (Cedar Falls, IA)  
University of Providence (Great Falls, MT)  
University of San Francisco (San Francisco, CA)  
University of South Carolina Aiken (Aiken, SC)  
University of South Dakota (Vermillion, SD)  
University of Southern Maine (Portland, ME)  
University of Tennessee at Chattanooga, The (Chattanooga, TN)  
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 Permian Basin, The (Odessa, TX)  
University of Texas Rio Grande Valley, The (Edinburg, TX)  
University of Toronto (Toronto, ON)  
University of Vermont (Burlington, VT)  
University of Virginia's College at Wise, The (Wise, VA)  
University of Waterloo (Waterloo, ON)  
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-Parkside (Kenosha, WI)  
University of Wisconsin-Stout (Menomonie, WI)  
University of Wisconsin-Superior (Superior, WI)  
Vaughn College of Aeronautics and Technology (Flushing, NY)  
Virginia Commonwealth University (Richmond, VA)  
Wayne State University (Detroit, MI)  
Western Colorado University (Gunnison, CO)  
Westfield State University (Westfield, MA)  
Westmont College (Santa Barbara, CA)  
William Paterson University of New Jersey (Wayne, NJ)  
York University (Toronto, ON)  
Young Harris College (Young Harris, GA)

## First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				EWU		Academic Advising		EWU	Academic Advising	
				Count	%	Count	%	Mean	Mean	Effect size <sup>d</sup>
<b>1. During the current school year, how many times have you discussed your academic interests, course selections, or academic performance with the following individuals?</b>										
a. Academic advisor, faculty, or staff assigned to advise you	AAD01a	0 0		18	6	13,156	19	<b>2.4</b>	1.9 ***	.38 ▲
		1 1		53	16	14,302	20			
		2 2		93	29	17,209	24			
		3 3		88	27	13,180	19			
		4 4 or more		69	21	10,768	15			
		— Not applicable		4	1	2,270	3			
		Total		325	100	70,885	100			
b. Academic advisor(s) available to any student	AAD01b	0 0		73	23	24,354	34	<b>1.7</b>	1.4 ***	.25 △
		1 1		78	24	15,178	21			
		2 2		72	22	12,731	18			
		3 3		56	17	8,855	13			
		4 4 or more		39	12	6,604	9			
		— Not applicable		6	2	3,015	4			
		Total		324	100	70,737	100			
c. Faculty or instructor(s) not assigned to advise you	AAD01c	0 0		141	44	34,814	49	<b>1.1</b>	1.0	.07
		1 1		68	21	12,088	17			
		2 2		59	18	9,825	14			
		3 3		19	6	5,746	8			
		4 4 or more		22	7	4,193	6			
		— Not applicable		15	5	4,021	6			
		Total		324	100	70,687	100			
d. Student services staff (career services, academic support, Trio, etc.)	AAD01d	0 0		178	56	36,750	52	<b>0.8</b>	0.9	-.08
		1 1		62	19	11,693	17			
		2 2		31	10	9,166	13			
		3 3		19	6	5,574	8			
		4 4 or more		19	6	3,858	5			
		— Not applicable		11	3	3,604	5			
		Total		320	100	70,645	100			
e. Success or academic coach	AAD01e	0 0		232	72	47,168	67	<b>0.6</b>	0.6	-.07
		1 1		27	8	6,297	9			
		2 2		22	7	5,417	8			
		3 3		15	5	4,185	6			
		4 4 or more		14	4	3,044	4			
		— Not applicable		13	4	4,588	6			
		Total		323	100	70,699	100			
f. Peer advisor or mentor	AAD01f	0 0		205	64	34,100	48	<b>0.8</b>	1.1 ***	-.25 ▽
		1 1		24	7	10,309	15			
		2 2		26	8	8,858	13			
		3 3		31	10	6,272	9			
		4 4 or more		18	6	7,391	10			
		— Not applicable		18	6	3,810	5			
		Total		322	100	70,740	100			
g. Other, please specify:	AAD01g	0 0		12	39	1,396	24			
		1 1		2	6	321	5			
		2 2		0	0	424	7			
		3 3		4	13	454	8			
		4 4 or more		9	29	1,995	34			
		— Not applicable		4	13	1,278	22			
		Total		31	100	5,868	100			

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

## First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				EWU		Academic Advising		EWU	Academic Advising	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
<b>2. [If answered "0" to 1a., 1b., and 1c.] Do you know how to contact (in person, email, phone, or online) an advisor at your institution?<sup>j</sup></b>										
	AAD02	No		1	14	1,734	21			
		Yes		5	71	4,826	59			
		Unsure		1	14	1,643	20			
		Total		7	100	8,203	100			
<b>3. Thinking about academic advising, how much have people and resources at your institution done the following?</b>										
a. Been available when needed	AAD03a	1	Very little	26	8	4,530	6	<b>2.6</b>	2.8 ***	-0.24
		2	Some	111	34	18,179	26			
		3	Quite a bit	139	43	28,020	40			
		4	Very much	40	12	15,399	22			
		—	Not applicable	6	2	4,513	6			
		Total		322	100	70,641	100			
b. Provided prompt and accurate information	AAD03b	1	Very little	30	9	4,206	6	<b>2.6</b>	2.8 ***	-0.22
		2	Some	101	32	17,841	25			
		3	Quite a bit	132	41	28,138	40			
		4	Very much	51	16	15,509	22			
		—	Not applicable	5	2	4,548	6			
		Total		319	100	70,242	100			
c. Provided information about learning support services (tutoring, writing center, success skills, etc.)	AAD03c	1	Very little	28	9	4,762	7	<b>2.7</b>	2.9 ***	-0.22
		2	Some	100	31	16,595	24			
		3	Quite a bit	125	39	26,576	38			
		4	Very much	56	18	17,539	25			
		—	Not applicable	10	3	4,958	7			
		Total		319	100	70,430	100			
d. Notified you of important policies and deadlines	AAD03d	1	Very little	32	10	6,242	9	<b>2.6</b>	2.8 ***	-0.20
		2	Some	106	33	17,399	25			
		3	Quite a bit	120	38	26,021	37			
		4	Very much	51	16	16,798	24			
		—	Not applicable	10	3	3,978	6			
		Total		319	100	70,438	100			
e. Reached out to you about your academic progress or performance	AAD03e	1	Very little	111	35	19,690	28	<b>2.0</b>	2.2 ***	-0.19
		2	Some	89	28	18,053	26			
		3	Quite a bit	65	21	15,064	21			
		4	Very much	28	9	9,494	13			
		—	Not applicable	24	8	8,104	12			
		Total		317	100	70,405	100			
f. Followed up with you regarding something they recommended	AAD03f	1	Very little	105	33	16,910	24	<b>2.0</b>	2.3 ***	-0.26
		2	Some	97	31	17,847	25			
		3	Quite a bit	56	18	15,478	22			
		4	Very much	26	8	8,952	13			
		—	Not applicable	34	11	11,156	16			
		Total		318	100	70,343	100			
g. Asked questions about your educational background and needs	AAD03g	1	Very little	96	30	19,459	28	<b>2.1</b>	2.2 *	-0.12
		2	Some	101	32	18,099	26			
		3	Quite a bit	73	23	14,651	21			
		4	Very much	22	7	8,210	12			
		—	Not applicable	25	8	9,928	14			
		Total		317	100	70,347	100			

## First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				EWU		Academic Advising		EWU	Academic Advising	
				Count	%	Count	%	Mean	Mean	Effect size <sup>d</sup>
h. Actively listened to your concerns	AAD03h	1	Very little	41	13	8,103	12	<b>2.5</b>	2.7 *	-0.14 ▼
		2	Some	102	32	17,931	25			
		3	Quite a bit	109	34	21,129	30			
		4	Very much	47	15	14,326	20			
		—	Not applicable	18	6	8,848	13			
			Total	317	100	70,337	100			
i. Respected your identity and culture	AAD03i	1	Very little	10	3	2,494	4	<b>3.1</b>	3.2	-0.09
		2	Some	49	16	9,909	14			
		3	Quite a bit	116	37	22,182	32			
		4	Very much	94	30	24,718	35			
		—	Not applicable	47	15	11,025	16			
			Total	316	100	70,328	100			
j. Cared about your overall well-being	AAD03j	1	Very little	34	11	5,866	8	<b>2.7</b>	2.9 ***	-0.20 ▼
		2	Some	89	28	16,153	23			
		3	Quite a bit	113	35	21,677	31			
		4	Very much	58	18	19,030	27			
		—	Not applicable	25	8	7,695	11			
			Total	319	100	70,421	100			
<b>4. Thinking about academic advising, about how often did someone at your institution discuss the following with you?</b>										
a. Your academic goals and future plans	AAD04a	1	Never	14	4	6,530	9	<b>3.5</b>	3.2 ***	.20 ▲
		2	Rarely	33	10	10,429	15			
		3	Sometimes	101	32	20,202	29			
		4	Often	113	36	17,014	24			
		5	Very often	48	15	11,070	16			
		—	Not applicable	7	2	4,996	7			
	Total	316	100	70,241	100					
b. How your major or expected major relates to your goals and future plans	AAD04b	1	Never	21	7	6,982	10	<b>3.4</b>	3.3 *	.13 ▲
		2	Rarely	35	11	9,690	14			
		3	Sometimes	96	30	18,347	26			
		4	Often	99	31	18,006	26			
		5	Very often	56	18	12,002	17			
		—	Not applicable	8	3	5,110	7			
	Total	315	100	70,137	100					
c. Special opportunities (study abroad, internship, service-learning, research, etc.)	AAD04c	1	Never	86	27	9,457	13	<b>2.4</b>	3.0 ***	-0.48 ▼
		2	Rarely	82	26	12,703	18			
		3	Sometimes	78	25	19,820	28			
		4	Often	35	11	14,232	20			
		5	Very often	19	6	8,164	12			
		—	Not applicable	16	5	5,729	8			
	Total	316	100	70,105	100					
d. Participation in co-curricular activities (organizations or clubs, performing arts, sports, etc.)	AAD04d	1	Never	92	29	11,163	16	<b>2.3</b>	2.9 ***	-0.42 ▼
		2	Rarely	82	26	13,363	19			
		3	Sometimes	80	25	18,964	27			
		4	Often	28	9	13,017	19			
		5	Very often	20	6	7,323	10			
		—	Not applicable	12	4	6,250	9			
	Total	314	100	70,080	100					

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



## First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				EWU		Academic Advising		EWU	Academic Advising	
				Count	%	Count	%	Mean	Mean	Effect size <sup>d</sup>
e. Resources for your well-being (health, counseling, financial guidance, etc.)	AAD04e	1	Never	63	20	8,364	12	<b>2.7</b>	3.1 ***	-0.26 ▽
		2	Rarely	64	20	11,923	17			
		3	Sometimes	92	29	20,514	29			
		4	Often	62	20	15,112	22			
		5	Very often	24	8	8,558	12			
		—	Not applicable	12	4	5,694	8			
	Total			317	100	70,165	100			
<b>5. How much have each of the following helped you develop your academic goals and future plans?</b>										
a. Academic advisor, faculty, or staff assigned to advise you	AAD05a	1	Very little	56	18	13,645	20	<b>2.4</b>	2.4	.05
		2	Some	104	33	19,648	28			
		3	Quite a bit	104	33	18,297	26			
		4	Very much	45	14	10,015	14			
		—	Not applicable	8	3	8,354	12			
			Total			317	100			
b. Academic advisor(s) available to any student	AAD05b	1	Very little	79	25	16,094	23	<b>2.2</b>	2.2	-0.03
		2	Some	95	30	17,900	26			
		3	Quite a bit	81	26	14,035	20			
		4	Very much	25	8	7,054	10			
		—	Not applicable	36	11	14,784	21			
			Total			316	100			
c. Faculty or instructor(s) not assigned to advise you	AAD05c	1	Very little	101	32	18,712	27	<b>1.9</b>	2.0 *	-0.13 ▽
		2	Some	83	26	16,339	23			
		3	Quite a bit	49	16	10,679	15			
		4	Very much	16	5	5,191	7			
		—	Not applicable	67	21	18,912	27			
			Total			316	100			
d. Online advising system (degree progress report, etc.)	AAD05d	1	Very little	103	33	17,839	26	<b>1.9</b>	2.1 **	-0.20 ▽
		2	Some	63	20	15,219	22			
		3	Quite a bit	38	12	11,193	16			
		4	Very much	20	6	5,713	8			
		—	Not applicable	92	29	19,850	28			
			Total			316	100			
e. Website, catalog, or other published sources	AAD05e	1	Very little	81	26	15,692	22	<b>2.1</b>	2.2	-0.08
		2	Some	84	27	19,414	28			
		3	Quite a bit	63	20	13,822	20			
		4	Very much	24	8	6,466	9			
		—	Not applicable	63	20	14,369	21			
			Total			315	100			
f. Student services staff (career services, academic support, Trio, etc.)	AAD05f	1	Very little	115	37	19,785	28	<b>1.7</b>	2.0 ***	-0.27 ▽
		2	Some	70	22	15,665	22			
		3	Quite a bit	29	9	9,464	14			
		4	Very much	11	4	4,706	7			
		—	Not applicable	88	28	20,140	29			
			Total			313	100			
g. Success or academic coach	AAD05g	1	Very little	99	31	19,376	28	<b>1.8</b>	1.9 *	-0.14 ▽
		2	Some	44	14	11,311	16			
		3	Quite a bit	32	10	7,456	11			
		4	Very much	12	4	4,179	6			
		—	Not applicable	128	41	27,413	39			
			Total			315	100			

## First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				EWU		Academic Advising		EWU	Academic Advising	
				Count	%	Count	%	Mean	Mean	Effect size <sup>d</sup>
h. Peer advisor or mentor	AAD05h	1	Very little	96	30	16,563	24	<b>1.9</b>	2.1 ***	-0.27 ▽
		2	Some	50	16	15,168	22			
		3	Quite a bit	39	12	10,822	16			
		4	Very much	14	4	6,111	9			
		—	Not applicable	117	37	21,040	30			
			Total	316	100	69,704	100			
i. Friends or other students	AAD05i	1	Very little	38	12	6,050	9	<b>2.5</b>	2.8 ***	-0.28 ▽
		2	Some	108	34	19,271	28			
		3	Quite a bit	109	35	24,334	35			
		4	Very much	43	14	16,948	24			
		—	Not applicable	17	5	3,242	5			
			Total	315	100	69,845	100			
j. Family members	AAD05j	1	Very little	37	12	6,789	10	<b>2.7</b>	2.9 ***	-0.21 ▽
		2	Some	87	28	15,992	23			
		3	Quite a bit	111	35	21,780	31			
		4	Very much	66	21	22,282	32			
		—	Not applicable	14	4	2,830	4			
			Total	315	100	69,673	100			
k. Other, please specify:	AAD05k	1	Very little	1	17	56	3			
		2	Some	2	33	120	6			
		3	Quite a bit	0	0	185	10			
		4	Very much	0	0	437	23			
		—	Not applicable	3	50	1,086	58			
			Total	6	100	1,884	100			

### 6. Regarding academic advising, who has been the most helpful and in what way?

This final question asked students to respond in an open text box. Comments were recorded for 180 first-year students and 305 seniors. Responses are provided in your "NSSE20 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

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				EWU		Academic Advising		EWU	Academic Advising	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
<b>1. During the current school year, how many times have you discussed your academic interests, course selections, or academic performance with the following individuals?</b>										
a. Academic advisor, faculty, or staff assigned to advise you	AAD01a	0	0	46	9	12,381	17	<b>2.3</b>	2.1 ***	.19 △
		1	1	100	20	14,433	20			
		2	2	116	24	15,806	22			
		3	3	83	17	11,512	16			
		4	4 or more	137	28	16,238	22			
		—	Not applicable	7	1	2,047	3			
			Total	489	100	72,417	100			
b. Academic advisor(s) available to any student	AAD01b	0	0	210	43	26,142	36	<b>1.2</b>	1.4 ***	-.17 ▽
		1	1	102	21	14,478	20			
		2	2	77	16	11,578	16			
		3	3	30	6	7,831	11			
		4	4 or more	49	10	8,918	12			
		—	Not applicable	21	4	3,309	5			
			Total	489	100	72,256	100			
c. Faculty or instructor(s) not assigned to advise you	AAD01c	0	0	185	38	28,615	40	<b>1.3</b>	1.4	-.02
		1	1	104	21	11,882	16			
		2	2	79	16	11,199	15			
		3	3	46	9	7,312	10			
		4	4 or more	58	12	9,403	13			
		—	Not applicable	16	3	3,889	5			
			Total	488	100	72,300	100			
d. Student services staff (career services, academic support, Trio, etc.)	AAD01d	0	0	312	64	39,418	55	<b>0.6</b>	0.9 ***	-.22 ▽
		1	1	73	15	11,576	16			
		2	2	41	8	8,070	11			
		3	3	19	4	4,951	7			
		4	4 or more	17	3	4,330	6			
		—	Not applicable	25	5	3,948	5			
			Total	487	100	72,293	100			
e. Success or academic coach	AAD01e	0	0	400	82	51,896	72	<b>0.2</b>	0.5 ***	-.26 ▽
		1	1	30	6	5,082	7			
		2	2	13	3	3,949	5			
		3	3	5	1	3,107	4			
		4	4 or more	7	1	2,711	4			
		—	Not applicable	31	6	5,565	8			
			Total	486	100	72,310	100			
f. Peer advisor or mentor	AAD01f	0	0	335	69	45,406	63	<b>0.6</b>	0.8 *	-.09 ▽
		1	1	37	8	6,684	9			
		2	2	34	7	5,424	7			
		3	3	16	3	4,104	6			
		4	4 or more	36	7	5,301	7			
		—	Not applicable	29	6	5,423	7			
			Total	487	100	72,342	100			
g. Other, please specify:	AAD01g	0	0	20	35	1,788	28			
		1	1	0	0	290	5			
		2	2	5	9	352	6			
		3	3	2	4	358	6			
		4	4 or more	21	37	1,903	30			
		—	Not applicable	9	16	1,660	26			
			Total	57	100	6,351	100			

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

## Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				EWU		Academic Advising		EWU	Academic Advising	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
<b>2. [If answered "0" to 1a., 1b., and 1c.] Do you know how to contact (in person, email, phone, or online) an advisor at your institution?<sup>j</sup></b>										
	AAD02	No		0	0	801	13			
		Yes		23	100	4,673	76			
		Unsure		0	0	695	11			
		Total		23	100	6,169	100			
<b>3. Thinking about academic advising, how much have people and resources at your institution done the following?</b>										
a. Been available when needed	AAD03a	1	Very little	68	14	6,903	10	<b>2.6</b>	2.7 ***	-.19 ▽
		2	Some	158	33	20,291	28			
		3	Quite a bit	171	35	26,490	37			
		4	Very much	82	17	15,503	21			
		—	Not applicable	7	1	2,999	4			
		Total		486	100	72,186	100			
b. Provided prompt and accurate information	AAD03b	1	Very little	63	13	7,199	10	<b>2.6</b>	2.7 ***	-.18 ▽
		2	Some	171	35	20,015	28			
		3	Quite a bit	155	32	26,304	37			
		4	Very much	85	18	15,361	21			
		—	Not applicable	9	2	2,943	4			
		Total		483	100	71,822	100			
c. Provided information about learning support services (tutoring, writing center, success skills, etc.)	AAD03c	1	Very little	104	21	9,514	13	<b>2.3</b>	2.6 ***	-.28 ▽
		2	Some	160	33	20,456	28			
		3	Quite a bit	129	27	22,578	31			
		4	Very much	62	13	13,316	18			
		—	Not applicable	30	6	6,130	9			
		Total		485	100	71,994	100			
d. Notified you of important policies and deadlines	AAD03d	1	Very little	100	21	9,655	13	<b>2.4</b>	2.7 ***	-.25 ▽
		2	Some	158	33	19,109	27			
		3	Quite a bit	135	28	24,283	34			
		4	Very much	81	17	15,433	21			
		—	Not applicable	10	2	3,523	5			
		Total		484	100	72,003	100			
e. Reached out to you about your academic progress or performance	AAD03e	1	Very little	215	44	24,780	34	<b>1.8</b>	2.1 ***	-.24 ▽
		2	Some	128	26	17,521	24			
		3	Quite a bit	61	13	13,305	18			
		4	Very much	43	9	9,000	13			
		—	Not applicable	39	8	7,393	10			
		Total		486	100	71,999	100			
f. Followed up with you regarding something they recommended	AAD03f	1	Very little	198	41	22,359	31	<b>1.9</b>	2.1 ***	-.22 ▽
		2	Some	122	25	17,319	24			
		3	Quite a bit	76	16	13,842	19			
		4	Very much	43	9	8,855	12			
		—	Not applicable	47	10	9,579	13			
		Total		486	100	71,954	100			
g. Asked questions about your educational background and needs	AAD03g	1	Very little	202	42	24,618	34	<b>1.8</b>	2.1 ***	-.22 ▽
		2	Some	137	28	17,819	25			
		3	Quite a bit	66	14	13,037	18			
		4	Very much	34	7	8,211	11			
		—	Not applicable	47	10	8,245	11			
		Total		486	100	71,930	100			

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

## Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				EWU		Academic Advising		EWU	Academic Advising	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
h. Actively listened to your concerns	AAD03h	1	Very little	95	20	10,910	15	<b>2.4</b>	2.6 ***	-0.16 ▽
		2	Some	147	30	19,361	27			
		3	Quite a bit	134	28	20,436	28			
		4	Very much	82	17	14,966	21			
		—	Not applicable	26	5	6,257	9			
Total				484	100	71,930	100			
i. Respected your identity and culture	AAD03i	1	Very little	34	7	3,962	6	<b>3.0</b>	3.1	-0.08
		2	Some	79	16	10,778	15			
		3	Quite a bit	154	32	21,242	30			
		4	Very much	152	31	23,825	33			
		—	Not applicable	67	14	12,143	17			
Total				486	100	71,950	100			
j. Cared about your overall well-being	AAD03j	1	Very little	65	13	9,164	13	<b>2.6</b>	2.7	-0.09
		2	Some	135	28	17,393	24			
		3	Quite a bit	140	29	20,151	28			
		4	Very much	107	22	18,463	26			
		—	Not applicable	37	8	6,824	9			
Total				484	100	71,995	100			
<b>4. Thinking about academic advising, about how often did someone at your institution discuss the following with you?</b>										
a. Your academic goals and future plans	AAD04a	1	Never	40	8	6,933	10	<b>3.2</b>	3.2	-0.04
		2	Rarely	93	19	11,990	17			
		3	Sometimes	159	33	20,893	29			
		4	Often	113	23	16,630	23			
		5	Very often	71	15	12,221	17			
		—	Not applicable	9	2	3,170	4			
Total				485	100	71,837	100			
b. How your major or expected major relates to your goals and future plans	AAD04b	1	Never	56	12	8,204	11	<b>3.2</b>	3.2	-0.03
		2	Rarely	82	17	11,132	16			
		3	Sometimes	142	29	18,647	26			
		4	Often	104	21	17,046	24			
		5	Very often	92	19	13,378	19			
		—	Not applicable	8	2	3,377	5			
Total				484	100	71,784	100			
c. Special opportunities (study abroad, internship, service-learning, research, etc.)	AAD04c	1	Never	121	25	11,685	16	<b>2.6</b>	2.9 ***	-0.29 ▽
		2	Rarely	117	24	13,266	18			
		3	Sometimes	121	25	19,062	27			
		4	Often	64	13	13,382	19			
		5	Very often	43	9	9,108	13			
		—	Not applicable	17	4	5,286	7			
Total				483	100	71,789	100			
d. Participation in co-curricular activities (organizations or clubs, performing arts, sports, etc.)	AAD04d	1	Never	155	32	16,709	23	<b>2.3</b>	2.6 ***	-0.23 ▽
		2	Rarely	118	24	15,304	21			
		3	Sometimes	96	20	16,295	23			
		4	Often	56	12	9,920	14			
		5	Very often	30	6	6,841	10			
		—	Not applicable	27	6	6,607	9			
Total				482	100	71,676	100			

## Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				EWU		Academic Advising		EWU	Academic Advising	
				Count	%	Count	%	Mean	Mean	Effect size <sup>d</sup>
e. Resources for your well-being (health, counseling, financial guidance, etc.)	AAD04e	1	Never	133	27	14,101	20	<b>2.4</b>	2.7 ***	-0.28
		2	Rarely	132	27	15,510	22			
		3	Sometimes	114	24	19,057	27			
		4	Often	54	11	10,810	15			
		5	Very often	25	5	6,696	9			
		—	Not applicable	26	5	5,617	8			
		Total		484	100	71,791	100			
<b>5. How much have each of the following helped you develop your academic goals and future plans?</b>										
a. Academic advisor, faculty, or staff assigned to advise you	AAD05a	1	Very little	113	23	16,937	24	<b>2.4</b>	2.4	.03
		2	Some	144	30	19,369	27			
		3	Quite a bit	122	25	17,278	24			
		4	Very much	91	19	12,315	17			
		—	Not applicable	12	2	5,688	8			
		Total		482	100	71,587	100			
		b. Academic advisor(s) available to any student	AAD05b	1	Very little	179	37			
2	Some			121	25	17,643	25			
3	Quite a bit			66	14	12,023	17			
4	Very much			33	7	7,408	10			
—	Not applicable			81	17	13,259	19			
Total				480	100	71,560	100			
c. Faculty or instructor(s) not assigned to advise you	AAD05c	1	Very little	124	26	18,112	25	<b>2.2</b>	2.2	-0.03
		2	Some	130	27	16,984	24			
		3	Quite a bit	89	19	13,065	18			
		4	Very much	55	12	8,954	13			
		—	Not applicable	76	16	14,416	20			
		Total		474	100	71,531	100			
d. Online advising system (degree progress report, etc.)	AAD05d	1	Very little	149	31	19,366	27	<b>2.0</b>	2.2 **	-0.17
		2	Some	83	17	14,816	21			
		3	Quite a bit	69	14	12,633	18			
		4	Very much	43	9	8,903	12			
		—	Not applicable	136	28	15,805	22			
		Total		480	100	71,523	100			
e. Website, catalog, or other published sources	AAD05e	1	Very little	150	31	18,909	26	<b>2.1</b>	2.2	-0.10
		2	Some	114	24	18,890	26			
		3	Quite a bit	85	18	13,398	19			
		4	Very much	44	9	7,311	10			
		—	Not applicable	87	18	12,972	18			
		Total		480	100	71,480	100			
f. Student services staff (career services, academic support, Trio, etc.)	AAD05f	1	Very little	206	43	25,713	36	<b>1.6</b>	1.8 ***	-0.24
		2	Some	77	16	14,786	21			
		3	Quite a bit	29	6	7,886	11			
		4	Very much	22	5	4,548	6			
		—	Not applicable	147	31	18,574	26			
		Total		481	100	71,507	100			
g. Success or academic coach	AAD05g	1	Very little	191	40	23,629	33	<b>1.4</b>	1.7 ***	-0.32
		2	Some	34	7	8,621	12			
		3	Quite a bit	19	4	5,268	7			
		4	Very much	10	2	3,384	5			
		—	Not applicable	222	47	30,563	43			
		Total		476	100	71,465	100			

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

## Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				EWU		Academic Advising		EWU	Academic Advising	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
h. Peer advisor or mentor	AAD05h	1	Very little	167	35	21,254	30	<b>1.7</b>	1.9 **	-0.16 ▽
		2	Some	55	11	10,577	15			
		3	Quite a bit	41	9	7,144	10			
		4	Very much	23	5	4,613	6			
		—	Not applicable	194	40	27,840	39			
			Total	480	100	71,428	100			
i. Friends or other students	AAD05i	1	Very little	67	14	6,682	9	<b>2.6</b>	2.8 ***	-0.21 ▽
		2	Some	147	31	18,731	26			
		3	Quite a bit	149	31	23,649	33			
		4	Very much	96	20	18,495	26			
		—	Not applicable	21	4	3,990	6			
			Total	480	100	71,547	100			
j. Family members	AAD05j	1	Very little	90	19	9,747	14	<b>2.5</b>	2.8 ***	-0.26 ▽
		2	Some	145	30	17,443	24			
		3	Quite a bit	128	27	20,019	28			
		4	Very much	91	19	20,313	28			
		—	Not applicable	28	6	3,858	5			
			Total	482	100	71,380	100			
k. Other, please specify:	AAD05k	1	Very little	1	4	76	3			
		2	Some	2	8	144	6			
		3	Quite a bit	5	20	241	9			
		4	Very much	3	12	639	25			
		—	Not applicable	14	56	1,457	57			
			Total	25	100	2,557	100			

### 6. Regarding academic advising, who has been the most helpful and in what way?

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

## First-Year Students

Variable name	N	Mean		Standard error <sup>f</sup>		Standard deviation <sup>g</sup>		DF <sup>h</sup>	Sig. <sup>i</sup>	Effect size <sup>d</sup>
		EWU	Academic Advising	EWU	Academic Advising	EWU	Academic Advising			
AAD01a	321	2.43	1.91	.065	.005	1.16	1.34	324	.000	.38
AAD01b	318	1.72	1.38	.074	.005	1.32	1.34	68,038	.000	.25
AAD01c	309	1.07	0.99	.070	.005	1.24	1.26	66,973	.236	.07
AAD01d	309	0.83	0.93	.069	.005	1.21	1.24	67,348	.175	-.08
AAD01e	310	0.55	0.63	.063	.004	1.11	1.15	66,419	.232	-.07
AAD01f	304	0.79	1.14	.074	.005	1.29	1.41	306	.000	-.25
AAD03a	316	2.61	2.82	.046	.003	0.81	0.87	66,442	.000	-.24
AAD03b	314	2.65	2.84	.049	.003	0.86	0.86	66,006	.000	-.22
AAD03c	309	2.68	2.87	.050	.003	0.87	0.89	65,779	.000	-.22
AAD03d	309	2.61	2.80	.050	.004	0.88	0.92	66,767	.000	-.20
AAD03e	293	2.03	2.23	.058	.004	0.99	1.06	295	.001	-.19
AAD03f	284	2.01	2.28	.057	.004	0.97	1.04	286	.000	-.26
AAD03g	292	2.07	2.19	.055	.004	0.94	1.03	294	.030	-.12
AAD03h	299	2.54	2.68	.053	.004	0.92	0.97	61,786	.016	-.14
AAD03i	269	3.09	3.17	.050	.003	0.82	0.85	271	.149	-.09
AAD03j	294	2.66	2.86	.054	.004	0.92	0.96	63,018	.000	-.20
AAD04a	309	3.48	3.24	.058	.005	1.02	1.20	312	.000	.20
AAD04b	307	3.44	3.28	.064	.005	1.12	1.23	310	.017	.13
AAD04c	300	2.40	2.98	.069	.005	1.20	1.23	64,674	.000	-.48
AAD04d	302	2.34	2.87	.069	.005	1.19	1.25	64,130	.000	-.42
AAD04e	305	2.74	3.06	.070	.005	1.22	1.21	64,774	.000	-.26
AAD05a	309	2.45	2.40	.054	.004	0.95	1.00	61,912	.422	.05
AAD05b	280	2.19	2.22	.057	.004	0.95	1.01	55,361	.583	-.03
AAD05c	249	1.92	2.05	.059	.004	0.93	0.99	51,168	.045	-.13
AAD05d	224	1.89	2.10	.066	.005	0.99	1.01	50,186	.002	-.20
AAD05e	252	2.12	2.20	.061	.004	0.97	0.98	55,644	.192	-.08
AAD05f	225	1.72	1.98	.058	.004	0.87	0.98	49,843	.000	-.27
AAD05g	187	1.77	1.92	.070	.005	0.95	1.01	42,507	.049	-.14
AAD05h	199	1.85	2.13	.069	.005	0.97	1.02	48,861	.000	-.27
AAD05i	298	2.53	2.78	.052	.004	0.89	0.93	66,899	.000	-.28
AAD05j	301	2.68	2.89	.055	.004	0.95	0.98	67,142	.000	-.21

See the endnotes on the last page of this report.



## Seniors

Variable name	N	Mean		Standard error <sup>f</sup>		Standard deviation <sup>g</sup>		DF <sup>h</sup>	Sig. <sup>i</sup>	Effect size <sup>d</sup>
		EWU	Academic Advising	EWU	Academic Advising	EWU	Academic Advising			
AAD01a	482	2.34	2.07	.061	.005	1.34	1.41	70,850	.000	.19
AAD01b	468	1.16	1.40	.062	.005	1.34	1.42	474	.000	-.17
AAD01c	472	1.34	1.37	.064	.006	1.39	1.45	478	.614	-.02
AAD01d	462	0.61	0.88	.049	.005	1.05	1.24	470	.000	-.22
AAD01e	455	0.22	0.50	.032	.004	0.69	1.07	469	.000	-.26
AAD01f	458	0.65	0.76	.058	.005	1.24	1.29	464	.049	-.09
AAD03a	479	2.56	2.73	.043	.003	0.94	0.92	69,664	.000	-.19
AAD03b	474	2.55	2.72	.043	.004	0.93	0.92	69,351	.000	-.18
AAD03c	455	2.33	2.60	.046	.004	0.98	0.97	66,317	.000	-.28
AAD03d	474	2.42	2.66	.046	.004	1.00	0.98	68,952	.000	-.25
AAD03e	447	1.85	2.10	.047	.004	0.99	1.07	453	.000	-.24
AAD03f	439	1.92	2.15	.048	.004	1.01	1.06	445	.000	-.22
AAD03g	439	1.85	2.08	.045	.004	0.95	1.05	445	.000	-.22
AAD03h	458	2.44	2.60	.047	.004	1.01	1.01	66,129	.001	-.16
AAD03i	419	3.01	3.09	.046	.004	0.94	0.91	60,224	.100	-.08
AAD03j	447	2.65	2.74	.047	.004	1.00	1.02	65,616	.067	-.09
AAD04a	476	3.17	3.22	.053	.005	1.16	1.22	482	.355	-.04
AAD04b	476	3.20	3.24	.058	.005	1.26	1.27	68,881	.491	-.03
AAD04c	466	2.55	2.92	.059	.005	1.26	1.28	66,967	.000	-.29
AAD04d	455	2.31	2.61	.058	.005	1.24	1.30	65,522	.000	-.23
AAD04e	458	2.36	2.71	.055	.005	1.17	1.25	464	.000	-.28
AAD05a	470	2.41	2.38	.049	.004	1.05	1.06	66,367	.576	.03
AAD05b	399	1.88	2.10	.048	.004	0.97	1.03	404	.000	-.21
AAD05c	398	2.19	2.23	.051	.004	1.03	1.06	57,511	.490	-.03
AAD05d	344	2.02	2.20	.057	.005	1.07	1.08	56,060	.002	-.17
AAD05e	393	2.06	2.16	.052	.004	1.02	1.01	58,899	.058	-.10
AAD05f	334	1.60	1.84	.049	.004	0.90	0.98	338	.000	-.24
AAD05g	254	1.40	1.72	.050	.005	0.79	0.98	258	.000	-.32
AAD05h	286	1.72	1.89	.058	.005	0.99	1.03	43,872	.006	-.16
AAD05i	459	2.60	2.80	.046	.004	0.98	0.95	464	.000	-.21
AAD05j	454	2.48	2.75	.048	.004	1.02	1.04	67,974	.000	-.26

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## Endnotes

- a. Results reflect Report Sample exclusions and are unweighted. Refer to your *Administration Summary* report for more details. Percentages may not sum to 100 due to rounding.
- b. Results reflect Report Sample exclusions and are unweighted. 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. Due to Report Sample exclusions, all statistics are unweighted. Refer to your *Administration Summary* report for more details. 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 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.