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# **NSSE 2020 Topical Module Report**

## **Academic Advising**

University of San Francisco

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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	6/2/20
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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Eastern Washington University (Cheney, WA)  
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)  
Glenville State College (Glenville, 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 (Selinsgrove, 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)

\*2019 participant

## Academic Advising (N=216), continued

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University of Maine at Fort Kent (Fort Kent, ME)  
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 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>		
				USF_CA		Academic Advising		USF_CA	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		26	10	13,148	16	<b>2.2</b>	2.0 **	.16 ▲
		1 1		58	19	14,297	20			
		2 2		87	31	17,216	25			
		3 3		58	21	13,210	19			
		4 4 or more		52	18	10,786	16			
		— Not applicable		1	1	2,273	3			
		Total		282	100	70,930	100			
b. Academic advisor(s) available to any student	AAD01b	0 0		90	32	24,337	33	<b>1.4</b>	1.4	-.01
		1 1		80	28	15,176	21			
		2 2		35	13	12,768	18			
		3 3		41	15	8,870	13			
		4 4 or more		28	10	6,616	10			
		— Not applicable		7	3	3,015	4			
		Total		281	100	70,782	100			
c. Faculty or instructor(s) not assigned to advise you	AAD01c	0 0		124	44	34,831	48	<b>1.0</b>	1.0	.02
		1 1		62	21	12,094	17			
		2 2		51	19	9,833	14			
		3 3		26	9	5,739	8			
		4 4 or more		9	4	4,206	6			
		— Not applicable		9	3	4,029	6			
		Total		281	100	70,732	100			
d. Student services staff (career services, academic support, Trio, etc.)	AAD01d	0 0		131	46	36,797	51	<b>1.1</b>	1.0	.08
		1 1		65	23	11,691	16			
		2 2		35	13	9,162	13			
		3 3		19	7	5,575	8			
		4 4 or more		23	8	3,854	6			
		— Not applicable		8	3	3,607	5			
		Total		281	100	70,686	100			
e. Success or academic coach	AAD01e	0 0		80	28	47,320	65	<b>1.5</b>	0.7 ***	.69 ▲
		1 1		78	28	6,246	9			
		2 2		54	18	5,385	8			
		3 3		35	13	4,165	6			
		4 4 or more		29	10	3,030	5			
		— Not applicable		5	2	4,597	7			
		Total		281	100	70,743	100			
f. Peer advisor or mentor	AAD01f	0 0		132	45	34,173	49	<b>1.2</b>	1.1	.03
		1 1		49	18	10,284	14			
		2 2		38	14	8,847	13			
		3 3		25	9	6,278	9			
		4 4 or more		28	10	7,381	10			
		— Not applicable		8	3	3,821	6			
		Total		280	100	70,784	100			
g. Other, please specify:	AAD01g	0 0		4	23	1,404	25			
		1 1		2	16	321	5			
		2 2		2	11	422	7			
		3 3		0	0	458	8			
		4 4 or more		5	33	1,999	33			
		— Not applicable		3	17	1,279	22			
		Total		16	100	5,883	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>		
				USF_CA		Academic Advising		USF_CA	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	20			
		Yes		6	65	4,825	61			
		Unsure		2	22	1,642	19			
		Total		9	100	8,201	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	14	5	4,542	6	<b>3.0</b>	2.8 *	.14 △
		2	Some	58	20	18,232	26			
		3	Quite a bit	127	45	28,034	40			
		4	Very much	70	26	15,369	23			
		—	Not applicable	9	4	4,510	6			
		Total		278	100	70,687	100			
b. Provided prompt and accurate information	AAD03b	1	Very little	12	4	4,224	6	<b>3.0</b>	2.9 *	.13 △
		2	Some	54	19	17,888	25			
		3	Quite a bit	136	50	28,136	40			
		4	Very much	67	24	15,493	23			
		—	Not applicable	8	3	4,545	6			
		Total		277	100	70,286	100			
c. Provided information about learning support services (tutoring, writing center, success skills, etc.)	AAD03c	1	Very little	8	3	4,782	7	<b>3.1</b>	2.9 ***	.24 △
		2	Some	50	17	16,645	23			
		3	Quite a bit	124	44	26,579	38			
		4	Very much	88	32	17,507	26			
		—	Not applicable	8	3	4,960	6			
		Total		278	100	70,473	100			
d. Notified you of important policies and deadlines	AAD03d	1	Very little	17	6	6,257	9	<b>3.0</b>	2.8 **	.16 △
		2	Some	65	22	17,440	25			
		3	Quite a bit	108	39	26,034	37			
		4	Very much	80	30	16,770	25			
		—	Not applicable	8	3	3,980	5			
		Total		278	100	70,481	100			
e. Reached out to you about your academic progress or performance	AAD03e	1	Very little	69	23	19,733	27	<b>2.3</b>	2.3	.05
		2	Some	83	30	18,059	26			
		3	Quite a bit	55	23	15,075	22			
		4	Very much	41	15	9,481	15			
		—	Not applicable	28	10	8,100	11			
		Total		276	100	70,448	100			
f. Followed up with you regarding something they recommended	AAD03f	1	Very little	56	20	16,960	23	<b>2.5</b>	2.3 *	.14 △
		2	Some	73	25	17,871	26			
		3	Quite a bit	69	27	15,466	23			
		4	Very much	47	17	8,931	14			
		—	Not applicable	32	11	11,158	15			
		Total		277	100	70,386	100			
g. Asked questions about your educational background and needs	AAD03g	1	Very little	71	25	19,485	27	<b>2.3</b>	2.2	.06
		2	Some	80	28	18,120	26			
		3	Quite a bit	61	24	14,664	22			
		4	Very much	36	13	8,196	13			
		—	Not applicable	29	10	9,924	13			
		Total		277	100	70,389	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>		
				USF_CA		Academic Advising		USF_CA	Academic Advising	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
h. Actively listened to your concerns	AAD03h	1	Very little	24	9	8,121	11	<b>2.8</b>	2.7 *	.13
		2	Some	68	24	17,965	26			
		3	Quite a bit	106	39	21,133	30			
		4	Very much	65	24	14,308	21			
		—	Not applicable	14	5	8,852	12			
Total				277	100	70,379	100			
i. Respected your identity and culture	AAD03i	1	Very little	8	3	2,496	4	<b>3.3</b>	3.2	.10
		2	Some	31	10	9,927	14			
		3	Quite a bit	104	38	22,196	31			
		4	Very much	107	39	24,705	36			
		—	Not applicable	28	10	11,044	15			
Total				278	100	70,368	100			
j. Cared about your overall well-being	AAD03j	1	Very little	10	4	5,890	8	<b>3.1</b>	2.9 ***	.22
		2	Some	54	18	16,189	23			
		3	Quite a bit	106	39	21,685	31			
		4	Very much	89	33	18,999	28			
		—	Not applicable	18	7	7,702	10			
Total				277	100	70,465	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	13	4	6,531	8	<b>3.4</b>	3.3	.05
		2	Rarely	33	12	10,429	14			
		3	Sometimes	106	38	20,197	29			
		4	Often	79	29	17,050	25			
		5	Very often	33	13	11,085	17			
		—	Not applicable	13	5	4,990	6			
Total				277	100	70,282	100			
b. How your major or expected major relates to your goals and future plans	AAD04b	1	Never	11	3	6,992	9	<b>3.5</b>	3.3 *	.14
		2	Rarely	34	13	9,691	13			
		3	Sometimes	84	30	18,359	26			
		4	Often	87	31	18,020	26			
		5	Very often	47	18	12,011	18			
		—	Not applicable	14	5	5,104	7			
Total				277	100	70,177	100			
c. Special opportunities (study abroad, internship, service-learning, research, etc.)	AAD04c	1	Never	27	9	9,516	13	<b>3.2</b>	3.0 *	.14
		2	Rarely	42	15	12,744	18			
		3	Sometimes	90	32	19,808	28			
		4	Often	71	26	14,197	20			
		5	Very often	31	12	8,152	12			
		—	Not applicable	14	5	5,731	8			
Total				275	100	70,148	100			
d. Participation in co-curricular activities (organizations or clubs, performing arts, sports, etc.)	AAD04d	1	Never	26	9	11,229	16	<b>3.1</b>	2.9 *	.13
		2	Rarely	59	21	13,387	19			
		3	Sometimes	87	31	18,957	27			
		4	Often	64	24	12,982	19			
		5	Very often	26	10	7,317	11			
		—	Not applicable	15	5	6,247	8			
Total				277	100	70,119	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>		
				USF_CA		Academic Advising		USF_CA	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	12	4	8,415	12	<b>3.4</b>	3.1 ***	.30 ▲
		2	Rarely	36	13	11,951	17			
		3	Sometimes	95	33	20,511	29			
		4	Often	71	28	15,105	22			
		5	Very often	43	17	8,539	13			
		—	Not applicable	19	7	5,687	8			
	Total	276	100	70,208	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	40	14	13,661	19	<b>2.5</b>	2.4	.01
		2	Some	109	39	19,643	28			
		3	Quite a bit	73	27	18,330	27			
		4	Very much	38	15	10,022	15			
		—	Not applicable	14	5	8,348	10			
			Total	274	100	70,004	100			
b. Academic advisor(s) available to any student	AAD05b	1	Very little	68	24	16,105	22	<b>2.1</b>	2.3	-.11
		2	Some	80	30	17,915	26			
		3	Quite a bit	54	21	14,064	21			
		4	Very much	19	8	7,060	11			
		—	Not applicable	53	18	14,767	20			
			Total	274	100	69,911	100			
c. Faculty or instructor(s) not assigned to advise you	AAD05c	1	Very little	66	23	18,747	26	<b>2.1</b>	2.1	.02
		2	Some	70	26	16,352	24			
		3	Quite a bit	48	18	10,681	16			
		4	Very much	18	7	5,189	8			
		—	Not applicable	71	26	18,909	26			
			Total	273	100	69,878	100			
d. Online advising system (degree progress report, etc.)	AAD05d	1	Very little	57	20	17,885	25	<b>2.3</b>	2.1 ***	.22 ▲
		2	Some	70	26	15,212	22			
		3	Quite a bit	56	21	11,176	16			
		4	Very much	36	14	5,697	9			
		—	Not applicable	53	19	19,890	28			
			Total	272	100	69,860	100			
e. Website, catalog, or other published sources	AAD05e	1	Very little	55	20	15,718	22	<b>2.3</b>	2.2	.05
		2	Some	91	33	19,408	28			
		3	Quite a bit	58	23	13,828	20			
		4	Very much	25	10	6,465	10			
		—	Not applicable	41	15	14,391	20			
			Total	270	100	69,810	100			
f. Student services staff (career services, academic support, Trio, etc.)	AAD05f	1	Very little	76	26	19,824	28	<b>2.0</b>	2.0	.02
		2	Some	70	26	15,666	22			
		3	Quite a bit	45	19	9,449	14			
		4	Very much	13	5	4,704	7			
		—	Not applicable	68	24	20,160	29			
			Total	272	100	69,803	100			
g. Success or academic coach	AAD05g	1	Very little	53	19	19,422	27	<b>2.4</b>	2.0 ***	.44 ▲
		2	Some	82	30	11,273	16			
		3	Quite a bit	59	23	7,430	11			
		4	Very much	42	16	4,149	7			
		—	Not applicable	36	13	27,506	39			
			Total	272	100	69,780	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>		
				USF_CA		Academic Advising		USF_CA	Academic Advising	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
h. Peer advisor or mentor	AAD05h	1	Very little	70	25	16,589	23	<b>2.1</b>	2.2	-.03
		2	Some	62	23	15,156	21			
		3	Quite a bit	47	19	10,815	16			
		4	Very much	19	7	6,106	9			
		—	Not applicable	73	26	21,085	31			
			Total	271	100	69,751	100			
i. Friends or other students	AAD05i	1	Very little	26	10	6,062	9	<b>2.8</b>	2.8	.08
		2	Some	69	25	19,311	28			
		3	Quite a bit	93	35	24,351	34			
		4	Very much	79	29	16,912	24			
		—	Not applicable	4	1	3,255	5			
			Total	271	100	69,891	100			
j. Family members	AAD05j	1	Very little	34	13	6,792	10	<b>2.7</b>	2.9 *	-0.15
		2	Some	73	28	16,007	23			
		3	Quite a bit	86	31	21,805	31			
		4	Very much	71	26	22,278	32			
		—	Not applicable	6	2	2,838	4			
			Total	270	100	69,720	100			
k. Other, please specify:	AAD05k	1	Very little	1	36	56	3			
		2	Some	0	0	122	7			
		3	Quite a bit	1	21	184	10			
		4	Very much	0	0	437	24			
		—	Not applicable	2	43	1,087	57			
			Total	4	100	1,886	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 118 first-year students and 110 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>		
				USF_CA		Academic Advising		USF_CA	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	27	11	12,400	16	<b>2.2</b>	2.1	.06
		1	1	56	24	14,477	20			
		2	2	54	23	15,868	22			
		3	3	45	19	11,550	16			
		4	4 or more	52	22	16,323	22			
		—	Not applicable	1	0	2,053	3			
			Total	235	100	72,671	100			
b. Academic advisor(s) available to any student	AAD01b	0	0	96	40	26,256	35	<b>1.3</b>	1.4	-.10
		1	1	47	21	14,533	20			
		2	2	39	17	11,616	16			
		3	3	25	11	7,836	11			
		4	4 or more	23	10	8,944	13			
		—	Not applicable	5	2	3,325	5			
			Total	235	100	72,510	100			
c. Faculty or instructor(s) not assigned to advise you	AAD01c	0	0	82	34	28,718	40	<b>1.5</b>	1.4	.11
		1	1	43	19	11,943	16			
		2	2	44	19	11,234	15			
		3	3	31	13	7,327	10			
		4	4 or more	33	14	9,428	13			
		—	Not applicable	2	1	3,903	6			
			Total	235	100	72,553	100			
d. Student services staff (career services, academic support, Trio, etc.)	AAD01d	0	0	133	57	39,597	54	<b>0.8</b>	0.9	-.08
		1	1	50	21	11,599	16			
		2	2	25	10	8,086	11			
		3	3	15	6	4,955	7			
		4	4 or more	10	4	4,337	6			
		—	Not applicable	2	1	3,971	6			
			Total	235	100	72,545	100			
e. Success or academic coach	AAD01e	0	0	125	53	52,171	71	<b>0.9</b>	0.5 ***	.36
		1	1	52	22	5,060	7			
		2	2	28	12	3,934	6			
		3	3	13	6	3,099	5			
		4	4 or more	15	7	2,703	4			
		—	Not applicable	1	0	5,595	8			
			Total	234	100	72,562	100			
f. Peer advisor or mentor	AAD01f	0	0	138	58	45,603	62	<b>0.9</b>	0.8	.09
		1	1	28	12	6,693	9			
		2	2	28	12	5,430	8			
		3	3	17	7	4,103	6			
		4	4 or more	17	7	5,320	8			
		—	Not applicable	7	3	5,445	8			
			Total	235	100	72,594	100			
g. Other, please specify:	AAD01g	0	0	5	26	1,803	29			
		1	1	0	0	290	5			
		2	2	1	5	356	5			
		3	3	2	10	358	6			
		4	4 or more	3	17	1,921	29			
		—	Not applicable	8	42	1,661	26			
			Total	19	100	6,389	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>		
				USF_CA		Academic Advising		USF_CA	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	12			
		Yes		11	78	4,685	77			
		Unsure		3	22	692	10			
		Total		14	100	6,178	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	24	10	6,947	10	<b>2.8</b>	2.7	.06
		2	Some	57	24	20,392	28			
		3	Quite a bit	95	40	26,566	36			
		4	Very much	53	23	15,532	22			
		—	Not applicable	5	2	3,001	4			
		Total		234	100	72,438	100			
b. Provided prompt and accurate information	AAD03b	1	Very little	32	13	7,230	10	<b>2.7</b>	2.7	-.08
		2	Some	62	26	20,124	28			
		3	Quite a bit	91	40	26,368	36			
		4	Very much	43	19	15,403	22			
		—	Not applicable	6	3	2,946	4			
		Total		234	100	72,071	100			
c. Provided information about learning support services (tutoring, writing center, success skills, etc.)	AAD03c	1	Very little	25	10	9,593	13	<b>2.7</b>	2.6	.08
		2	Some	65	28	20,551	28			
		3	Quite a bit	96	41	22,611	31			
		4	Very much	40	17	13,338	19			
		—	Not applicable	9	4	6,151	8			
		Total		235	100	72,244	100			
d. Notified you of important policies and deadlines	AAD03d	1	Very little	23	9	9,732	13	<b>2.7</b>	2.7	.07
		2	Some	58	25	19,209	26			
		3	Quite a bit	104	44	24,314	34			
		4	Very much	43	19	15,471	22			
		—	Not applicable	7	3	3,526	5			
		Total		235	100	72,252	100			
e. Reached out to you about your academic progress or performance	AAD03e	1	Very little	79	33	24,916	34	<b>2.1</b>	2.1	-.05
		2	Some	68	30	17,581	24			
		3	Quite a bit	45	19	13,321	19			
		4	Very much	22	10	9,021	13			
		—	Not applicable	20	8	7,412	10			
		Total		234	100	72,251	100			
f. Followed up with you regarding something they recommended	AAD03f	1	Very little	75	31	22,482	31	<b>2.1</b>	2.2	-.02
		2	Some	60	26	17,381	24			
		3	Quite a bit	53	23	13,865	20			
		4	Very much	24	11	8,874	13			
		—	Not applicable	23	9	9,603	13			
		Total		235	100	72,205	100			
g. Asked questions about your educational background and needs	AAD03g	1	Very little	82	34	24,738	34	<b>2.0</b>	2.1	-.05
		2	Some	57	25	17,899	25			
		3	Quite a bit	43	19	13,060	18			
		4	Very much	22	10	8,223	12			
		—	Not applicable	30	12	8,262	11			
		Total		234	100	72,182	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>		
				USF_CA		Academic Advising		USF_CA	Academic Advising	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
h. Actively listened to your concerns	AAD03h	1	Very little	45	19	10,960	15	<b>2.6</b>	2.6	-.04
		2	Some	52	22	19,456	27			
		3	Quite a bit	78	34	20,492	28			
		4	Very much	44	19	15,004	21			
		—	Not applicable	15	6	6,268	8			
		Total		234	100	72,180	100			
i. Respected your identity and culture	AAD03i	1	Very little	19	8	3,977	6	<b>3.0</b>	3.1	-.10
		2	Some	36	15	10,821	15			
		3	Quite a bit	78	33	21,318	29			
		4	Very much	71	31	23,906	34			
		—	Not applicable	29	13	12,181	17			
		Total		233	100	72,203	100			
j. Cared about your overall well-being	AAD03j	1	Very little	30	12	9,199	13	<b>2.8</b>	2.7	.06
		2	Some	51	22	17,477	24			
		3	Quite a bit	73	32	20,218	28			
		4	Very much	65	28	18,505	26			
		—	Not applicable	14	6	6,847	9			
		Total		233	100	72,246	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	18	8	6,955	9	<b>3.1</b>	3.2	-.10
		2	Rarely	55	24	12,028	17			
		3	Sometimes	68	29	20,984	29			
		4	Often	55	24	16,688	23			
		5	Very often	30	13	12,262	17			
		—	Not applicable	6	2	3,173	4			
Total		232	100	72,090	100					
b. How your major or expected major relates to your goals and future plans	AAD04b	1	Never	17	7	8,243	11	<b>3.3</b>	3.2	.03
		2	Rarely	46	19	11,168	16			
		3	Sometimes	59	26	18,730	26			
		4	Often	71	30	17,079	24			
		5	Very often	34	15	13,436	19			
		—	Not applicable	6	2	3,379	4			
Total		233	100	72,035	100					
c. Special opportunities (study abroad, internship, service-learning, research, etc.)	AAD04c	1	Never	35	14	11,771	17	<b>2.9</b>	2.9	.00
		2	Rarely	46	21	13,337	18			
		3	Sometimes	61	26	19,122	26			
		4	Often	49	21	13,397	18			
		5	Very often	24	10	9,127	13			
		—	Not applicable	17	8	5,286	7			
Total		232	100	72,040	100					
d. Participation in co-curricular activities (organizations or clubs, performing arts, sports, etc.)	AAD04d	1	Never	55	24	16,809	24	<b>2.5</b>	2.6	-.08
		2	Rarely	55	24	15,367	21			
		3	Sometimes	62	26	16,329	23			
		4	Often	30	13	9,946	14			
		5	Very often	15	6	6,856	10			
		—	Not applicable	15	7	6,619	9			
Total		232	100	71,926	100					

## Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				USF_CA		Academic Advising		USF_CA	Academic Advising	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
e. Resources for your well-being (health, counseling, financial guidance, etc.)	AAD04e	1	Never	35	14	14,199	20	<b>2.8</b>	2.7	.08
		2	Rarely	52	23	15,590	21			
		3	Sometimes	68	29	19,103	26			
		4	Often	46	20	10,818	15			
		5	Very often	16	7	6,705	10			
		—	Not applicable	15	7	5,628	8			
		Total		232	100	72,043	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	62	26	16,988	23	<b>2.3</b>	2.4	-.08
		2	Some	65	28	19,448	27			
		3	Quite a bit	69	30	17,331	24			
		4	Very much	31	13	12,375	18			
		—	Not applicable	5	2	5,695	7			
		Total		232	100	71,837	100			
b. Academic advisor(s) available to any student	AAD05b	1	Very little	84	36	21,322	29	<b>2.0</b>	2.1	-.12
		2	Some	52	22	17,712	25			
		3	Quite a bit	51	22	12,038	17			
		4	Very much	15	7	7,426	11			
		—	Not applicable	30	13	13,310	18			
		Total		232	100	71,808	100			
c. Faculty or instructor(s) <i>not</i> assigned to advise you	AAD05c	1	Very little	63	27	18,173	25	<b>2.2</b>	2.2	.01
		2	Some	56	24	17,058	24			
		3	Quite a bit	57	25	13,097	18			
		4	Very much	27	11	8,982	13			
		—	Not applicable	29	12	14,463	20			
		Total		232	100	71,773	100			
d. Online advising system (degree progress report, etc.)	AAD05d	1	Very little	57	25	19,458	27	<b>2.3</b>	2.2	.12
		2	Some	53	22	14,846	21			
		3	Quite a bit	56	25	12,646	18			
		4	Very much	35	15	8,911	13			
		—	Not applicable	31	13	15,910	22			
		Total		232	100	71,771	100			
e. Website, catalog, or other published sources	AAD05e	1	Very little	67	30	18,992	26	<b>2.0</b>	2.2 **	-.17 ▽
		2	Some	83	36	18,921	26			
		3	Quite a bit	39	16	13,444	19			
		4	Very much	16	7	7,339	11			
		—	Not applicable	27	11	13,032	18			
		Total		232	100	71,728	100			
f. Student services staff (career services, academic support, Trio, etc.)	AAD05f	1	Very little	101	44	25,818	36	<b>1.7</b>	1.9	-.11
		2	Some	56	24	14,807	21			
		3	Quite a bit	25	11	7,890	11			
		4	Very much	14	6	4,556	7			
		—	Not applicable	35	15	18,686	26			
		Total		231	100	71,757	100			
g. Success or academic coach	AAD05g	1	Very little	101	44	23,719	33	<b>1.8</b>	1.7	.07
		2	Some	44	19	8,611	12			
		3	Quite a bit	31	14	5,256	8			
		4	Very much	17	7	3,377	5			
		—	Not applicable	38	17	30,747	42			
		Total		231	100	71,710	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>		
				USF_CA		Academic Advising		USF_CA	Academic Advising	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
h. Peer advisor or mentor	AAD05h	1	Very little	80	35	21,341	29	<b>1.9</b>	1.9	-.02
		2	Some	47	20	10,585	15			
		3	Quite a bit	30	13	7,155	10			
		4	Very much	17	7	4,619	7			
		—	Not applicable	56	24	27,978	39			
			Total	230	100	71,678	100			
i. Friends or other students	AAD05i	1	Very little	17	8	6,732	10	<b>2.8</b>	2.8	.03
		2	Some	66	29	18,812	26			
		3	Quite a bit	79	34	23,719	32			
		4	Very much	61	26	18,530	25			
		—	Not applicable	9	4	4,002	6			
			Total	232	100	71,795	100			
j. Family members	AAD05j	1	Very little	45	19	9,792	14	<b>2.7</b>	2.7	-.07
		2	Some	48	21	17,540	25			
		3	Quite a bit	73	32	20,074	27			
		4	Very much	60	26	20,344	28			
		—	Not applicable	5	2	3,881	6			
			Total	231	100	71,631	100			
k. Other, please specify:	AAD05k	1	Very little	0	0	77	3			
		2	Some	0	0	146	6			
		3	Quite a bit	1	9	245	9			
		4	Very much	1	16	641	25			
		—	Not applicable	6	75	1,465	57			
			Total	8	100	2,574	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 118 first-year students and 110 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.*

## 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>
		USF_CA	USF_CA Academic Advising	USF_CA	Academic Advising	USF_CA	Academic Advising			
AAD01a	278	2.20	1.99	.073	.005	1.22	1.32	69,473	.008	.16
AAD01b	272	1.43	1.44	.082	.005	1.35	1.35	68,396	.922	-.01
AAD01c	270	1.05	1.03	.072	.005	1.18	1.28	67,229	.756	.02
AAD01d	271	1.06	0.95	.079	.005	1.29	1.25	67,583	.171	.08
AAD01e	274	1.48	0.67	.080	.005	1.32	1.18	274	.000	.69
AAD01f	269	1.18	1.13	.084	.005	1.38	1.41	67,421	.582	.03
AAD03a	266	2.96	2.83	.051	.003	0.83	0.87	267	.015	.14
AAD03b	266	2.97	2.85	.048	.003	0.79	0.86	268	.017	.13
AAD03c	267	3.09	2.88	.048	.003	0.79	0.89	269	.000	.24
AAD03d	267	2.96	2.82	.054	.004	0.88	0.92	269	.006	.16
AAD03e	247	2.33	2.27	.065	.004	1.02	1.06	63,573	.405	.05
AAD03f	245	2.47	2.32	.067	.004	1.04	1.04	60,577	.024	.14
AAD03g	247	2.29	2.23	.065	.004	1.03	1.04	61,853	.324	.06
AAD03h	260	2.82	2.69	.057	.004	0.92	0.97	262	.025	.13
AAD03i	249	3.26	3.17	.050	.003	0.78	0.85	60,505	.101	.10
AAD03j	257	3.08	2.87	.052	.004	0.83	0.96	259	.000	.22
AAD04a	262	3.35	3.29	.063	.005	1.01	1.19	263	.322	.05
AAD04b	261	3.50	3.33	.066	.005	1.06	1.22	263	.011	.14
AAD04c	258	3.17	3.00	.071	.005	1.15	1.24	65,297	.028	.14
AAD04d	260	3.06	2.90	.070	.005	1.14	1.25	262	.022	.13
AAD04e	256	3.44	3.07	.066	.005	1.06	1.21	65,395	.000	.30
AAD05a	257	2.45	2.44	.058	.004	0.93	1.00	258	.888	.01
AAD05b	222	2.15	2.26	.064	.004	0.95	1.01	223	.094	-.11
AAD05c	201	2.10	2.08	.067	.004	0.95	1.00	51,909	.758	.02
AAD05d	218	2.35	2.12	.070	.005	1.03	1.02	50,819	.001	.22
AAD05e	228	2.26	2.21	.063	.004	0.94	0.99	56,000	.477	.05
AAD05f	204	2.03	2.01	.065	.004	0.92	1.00	50,282	.814	.02
AAD05g	233	2.40	1.96	.067	.005	1.02	1.03	43,105	.000	.44
AAD05h	199	2.12	2.15	.070	.005	0.99	1.03	48,871	.672	-.03
AAD05i	264	2.85	2.77	.059	.004	0.96	0.94	66,891	.180	.08
AAD05j	261	2.73	2.88	.062	.004	1.00	0.99	67,289	.015	-.15

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>
		USF_CA	USF_CA Academic Advising	USF_CA	Academic Advising	USF_CA	Academic Advising			
AAD01a	235	2.17	2.09	.087	.005	1.33	1.40	70,446	.355	.06
AAD01b	231	1.29	1.43	.090	.005	1.36	1.42	68,874	.137	-.10
AAD01c	234	1.52	1.37	.093	.006	1.43	1.45	68,240	.101	.11
AAD01d	234	0.79	0.88	.074	.005	1.13	1.25	235	.185	-.08
AAD01e	234	0.91	0.52	.080	.004	1.22	1.09	235	.000	.36
AAD01f	229	0.90	0.78	.086	.005	1.30	1.30	66,786	.180	.09
AAD03a	230	2.79	2.73	.061	.004	0.92	0.92	69,304	.359	.06
AAD03b	229	2.66	2.73	.062	.004	0.94	0.93	69,007	.249	-.08
AAD03c	228	2.68	2.61	.059	.004	0.89	0.97	229	.205	.08
AAD03d	229	2.74	2.68	.058	.004	0.88	0.98	230	.241	.07
AAD03e	216	2.07	2.13	.068	.004	1.00	1.07	217	.448	-.05
AAD03f	214	2.15	2.17	.070	.004	1.02	1.07	62,794	.720	-.02
AAD03g	206	2.04	2.10	.071	.004	1.03	1.06	64,019	.453	-.05
AAD03h	221	2.56	2.60	.069	.004	1.03	1.02	65,800	.528	-.04
AAD03i	205	3.00	3.09	.066	.004	0.94	0.92	59,939	.156	-.10
AAD03j	220	2.80	2.74	.068	.004	1.01	1.02	65,202	.362	.06
AAD04a	227	3.11	3.23	.076	.005	1.15	1.22	68,746	.135	-.10
AAD04b	228	3.28	3.24	.076	.005	1.15	1.27	229	.666	.03
AAD04c	215	2.92	2.91	.084	.005	1.23	1.29	66,455	.954	.00
AAD04d	218	2.51	2.62	.082	.005	1.21	1.31	218	.208	-.08
AAD04e	218	2.81	2.70	.078	.005	1.16	1.26	218	.197	.08
AAD05a	228	2.31	2.39	.067	.004	1.01	1.06	66,320	.240	-.08
AAD05b	203	2.00	2.12	.069	.004	0.99	1.04	58,318	.087	-.12
AAD05c	204	2.24	2.23	.072	.004	1.03	1.06	57,090	.897	.01
AAD05d	202	2.34	2.21	.076	.005	1.07	1.09	56,026	.097	.12
AAD05e	207	2.00	2.17	.063	.004	0.91	1.02	208	.008	-.17
AAD05f	197	1.75	1.85	.066	.004	0.93	0.99	52,922	.132	-.11
AAD05g	193	1.82	1.75	.072	.005	1.00	1.00	41,447	.345	.07
AAD05h	175	1.90	1.92	.076	.005	1.01	1.04	43,861	.799	-.02
AAD05i	224	2.81	2.78	.062	.004	0.92	0.96	67,146	.632	.03
AAD05j	227	2.65	2.73	.071	.004	1.07	1.04	67,129	.266	-.07

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## 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.