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# **NSSE 2018 Consortium Report**

## **Council for Christian Colleges & Univ.**

Regent University

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## About This Consortium Report

**Consortium Coordinator** Nita Stemmler, Program Consultant, Council for Christian Colleges & Universities, nstemmler@cccu.org

### Comparison Group

This section summarizes how your consortium 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 'CCC&U' column of this report.

Group label	CCC&U
Date submitted	5/15/18
How was this comparison group constructed?	Your institution added or removed institutions from the default comparison group (all consortium participants)
Group description	All 2018 NSSE institutions participating in the consortium "Council for Christian Colleges & Universities"

### CCC&U (N=18)

Biola University (La Mirada, CA)  
 Bluefield College (Bluefield, VA)  
 Central Christian College of Kansas (McPherson, KS)  
 Covenant College (Lookout Mountain, GA)  
 George Fox University (Newberg, OR)  
 Greenville University (Greenville, IL)  
 Hardin-Simmons University (Abilene, TX)  
 Malone University (Canton, OH)  
 Mount Vernon Nazarene University (Mount Vernon, OH)  
 Oklahoma Christian University (Edmond, OK)  
 Olivet Nazarene University (Bourbonnais, IL)  
 Palm Beach Atlantic University-West Palm Beach (West Palm Beach, FL)  
 Southern Nazarene University (Bethany, OK)  
 Trevecca Nazarene University (Nashville, TN)  
 Trinity Western University (Langley, BC)  
 University of Mary Hardin-Baylor (Belton, TX)  
 Vanguard University of Southern California (Costa Mesa, CA)  
 Warner Pacific University (Portland, OR)

### 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>		
				Regent		CCC&U		Regent	CCC&U	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
<b>1. How much do you agree or disagree with the following statements?</b>										
a. I have a personally meaningful relationship with God.	CCC01a	1	Strongly disagree	2	2	37	2	<b>4.7</b>	4.4 ***	.37
		2	Disagree	2	1	40	2			
		3	Neither agree/disagree	10	4	192	9			
		4	Agree	45	17	789	35			
		5	Strongly agree	170	76	1,263	53			
		Total		229	100	2,321	100			
b. My relationship with God contributes to my sense of well-being.	CCC01b	1	Strongly disagree	2	2	41	2	<b>4.7</b>	4.4 ***	.42
		2	Disagree	1	0	38	2			
		3	Neither agree/disagree	8	3	178	8			
		4	Agree	37	14	764	34			
		5	Strongly agree	180	80	1,292	54			
		Total		228	100	2,313	100			
c. The way I do things from day to day is often affected by my relationship with God.	CCC01c	1	Strongly disagree	3	2	47	2	<b>4.5</b>	4.1 ***	.39
		2	Disagree	8	3	70	3			
		3	Neither agree/disagree	18	8	356	16			
		4	Agree	52	21	892	38			
		5	Strongly agree	149	67	948	40			
		Total		230	100	2,313	100			
d. Even if the people around me were opposed to my Christian convictions, I would still hold fast to them.	CCC01d	1	Strongly disagree	2	2	29	1	<b>4.6</b>	4.3 ***	.39
		2	Disagree	3	1	30	1			
		3	Neither agree/disagree	14	7	260	12			
		4	Agree	43	17	869	37			
		5	Strongly agree	167	74	1,127	48			
		Total		229	100	2,315	100			
e. I believe that I need to be open to consider new insights and truths about my faith.	CCC01e	1	Strongly disagree	5	2	20	1	<b>4.1</b>	4.2	-.04
		2	Disagree	8	5	39	2			
		3	Neither agree/disagree	33	16	271	13			
		4	Agree	77	32	1,134	49			
		5	Strongly agree	105	45	846	36			
		Total		228	100	2,310	100			
f. General education (Liberal Arts) courses at this institution help students develop values that are consistent with faith in Jesus Christ.	CCC01f	1	Strongly disagree	1	1	57	3	<b>4.3</b>	3.8 ***	.56
		2	Disagree	4	2	119	6			
		3	Neither agree/disagree	30	14	553	25			
		4	Agree	78	34	1,025	44			
		5	Strongly agree	115	50	550	23			
		Total		228	100	2,304	100			
g. Courses in my major have helped me think about how Christian values relate to my future profession.	CCC01g	1	Strongly disagree	1	0	57	3	<b>4.4</b>	3.9 ***	.45
		2	Disagree	6	3	114	5			
		3	Neither agree/disagree	22	9	408	20			
		4	Agree	77	33	942	40			
		5	Strongly agree	123	54	784	32			
		Total		229	100	2,305	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>		
				Regent		CCC&U		Regent	CCC&U	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
h. When appropriate, professors here take time to talk about their values and personal beliefs in class.	CCC01h	1	Strongly disagree	3	1	25	1	<b>3.9</b>	4.0	-.12
		2	Disagree	12	5	90	4			
		3	Neither agree/disagree	42	22	293	14			
		4	Agree	100	42	1,174	51			
		5	Strongly agree	70	30	725	30			
		Total		227	100	2,307	100			
i. Faculty here interact with students outside of class in ways that help us clarify our personal values.	CCC01i	1	Strongly disagree	6	3	33	2	<b>3.4</b>	3.8 ***	-.36
		2	Disagree	13	6	162	7			
		3	Neither agree/disagree	116	52	567	26			
		4	Agree	56	24	1,000	43			
		5	Strongly agree	36	16	542	23			
		Total		227	100	2,304	100			
j. There is an environment on this campus that encourages me to develop values which reflect my faith in Jesus Christ.	CCC01j	1	Strongly disagree	1	0	32	2	<b>4.0</b>	4.2 *	-.18
		2	Disagree	4	3	62	3			
		3	Neither agree/disagree	60	29	243	12			
		4	Agree	79	32	1,019	44			
		5	Strongly agree	83	36	944	39			
		Total		227	100	2,300	100			
k. At my institution, I am challenged to think about issues from a Christian perspective.	CCC01k	1	Strongly disagree	0	0	27	1	<b>4.5</b>	4.2 ***	.44
		2	Disagree	4	2	54	3			
		3	Neither agree/disagree	10	5	268	13			
		4	Agree	76	33	1,035	45			
		5	Strongly agree	140	60	915	38			
		Total		230	100	2,299	100			
l. This institution has helped me to critically evaluate whether or not my behavior is consistent with Christian values.	CCC01l	1	Strongly disagree	2	1	36	2	<b>4.3</b>	4.0 ***	.37
		2	Disagree	2	1	103	5			
		3	Neither agree/disagree	22	10	343	16			
		4	Agree	94	40	1,056	46			
		5	Strongly agree	108	48	756	31			
		Total		228	100	2,294	100			
m. This institution encourages students to worship God in meaningful ways.	CCC01m	1	Strongly disagree	0	0	31	2	<b>4.4</b>	4.2 ***	.25
		2	Disagree	4	2	42	2			
		3	Neither agree/disagree	16	8	183	9			
		4	Agree	83	35	1,030	45			
		5	Strongly agree	126	56	1,014	42			
		Total		229	100	2,300	100			
n. As a result of my experience at this institution, I am more aware of what my own personal values are.	CCC01n	1	Strongly disagree	3	2	26	1	<b>4.3</b>	4.1 **	.20
		2	Disagree	2	1	71	3			
		3	Neither agree/disagree	26	12	288	13			
		4	Agree	91	39	1,081	48			
		5	Strongly agree	106	46	832	34			
		Total		228	100	2,298	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>		
				Regent		CCC&U		Regent	CCC&U	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
o. As a result of my experience at this institution, my values are more consistent with a Christian worldview and lifestyle.	CCC01o	1	Strongly disagree	5	2	51	3	<b>4.2</b>	3.8 ***	.32
		2	Disagree	4	2	123	6			
		3	Neither agree/disagree	39	16	489	22			
		4	Agree	87	38	997	43			
		5	Strongly agree	93	42	633	26			
		Total		228	100	2,293	100			
p. This institution has reinforced values that I have always held.	CCC01p	1	Strongly disagree	1	1	36	2	<b>4.3</b>	3.9 ***	.43
		2	Disagree	2	1	114	5			
		3	Neither agree/disagree	28	13	420	19			
		4	Agree	92	39	1,072	47			
		5	Strongly agree	105	48	652	28			
		Total		228	100	2,294	100			
q. This institution has challenged me to critically evaluate and reconsider values that I have always held.	CCC01q	1	Strongly disagree	7	3	54	2	<b>3.9</b>	3.7 ***	.26
		2	Disagree	17	6	250	11			
		3	Neither agree/disagree	47	21	535	24			
		4	Agree	82	34	958	42			
		5	Strongly agree	76	36	486	20			
		Total		229	100	2,283	100			
r. As a result of my experience at this institution, I have learned principles of Christian leadership.	CCC01r	1	Strongly disagree	3	2	45	2	<b>4.2</b>	3.8 ***	.40
		2	Disagree	5	2	123	6			
		3	Neither agree/disagree	33	14	481	22			
		4	Agree	90	39	1,077	46			
		5	Strongly agree	99	43	559	23			
		Total		230	100	2,285	100			
s. Faculty at my institution do a good job using technology to improve classroom instruction.	CCC01s	1	Strongly disagree	3	2	35	2	<b>4.0</b>	3.8 *	.15
		2	Disagree	11	5	133	6			
		3	Neither agree/disagree	49	20	467	21			
		4	Agree	99	44	1,169	51			
		5	Strongly agree	67	30	481	21			
		Total		229	100	2,285	100			
t. I would take classes over the Internet at my institution if given the opportunity.	CCC01t	1	Strongly disagree	13	4	177	8	<b>4.1</b>	3.4 ***	.57
		2	Disagree	19	7	325	14			
		3	Neither agree/disagree	38	16	551	24			
		4	Agree	46	19	807	35			
		5	Strongly agree	113	53	426	19			
		Total		229	100	2,286	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>		
				Regent		CCC&U		Regent	CCC&U	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
<b>1. How much do you agree or disagree with the following statements?</b>										
a. I have a personally meaningful relationship with God.	CCC01a	1	Strongly disagree	0	0	50	3	<b>4.7</b>	4.4 ***	.38
		2	Disagree	3	1	47	2			
		3	Neither agree/disagree	22	5	181	8			
		4	Agree	78	19	728	31			
		5	Strongly agree	317	75	1,317	56			
		Total		420	100	2,323	100			
b. My relationship with God contributes to my sense of well-being.	CCC01b	1	Strongly disagree	0	0	49	3	<b>4.7</b>	4.4 ***	.40
		2	Disagree	3	1	41	2			
		3	Neither agree/disagree	21	5	175	8			
		4	Agree	64	15	685	30			
		5	Strongly agree	336	79	1,371	58			
		Total		424	100	2,321	100			
c. The way I do things from day to day is often affected by my relationship with God.	CCC01c	1	Strongly disagree	1	0	53	3	<b>4.6</b>	4.1 ***	.43
		2	Disagree	8	2	80	4			
		3	Neither agree/disagree	30	7	322	15			
		4	Agree	100	24	822	35			
		5	Strongly agree	285	67	1,046	45			
		Total		424	100	2,323	100			
d. Even if the people around me were opposed to my Christian convictions, I would still hold fast to them.	CCC01d	1	Strongly disagree	0	0	39	2	<b>4.7</b>	4.3 ***	.42
		2	Disagree	1	0	29	1			
		3	Neither agree/disagree	26	6	233	10			
		4	Agree	81	19	819	35			
		5	Strongly agree	313	74	1,201	52			
		Total		421	100	2,321	100			
e. I believe that I need to be open to consider new insights and truths about my faith.	CCC01e	1	Strongly disagree	3	1	39	2	<b>4.3</b>	4.2	.09
		2	Disagree	6	1	35	2			
		3	Neither agree/disagree	51	12	253	12			
		4	Agree	172	41	1,026	44			
		5	Strongly agree	192	45	966	41			
		Total		424	100	2,319	100			
f. General education (Liberal Arts) courses at this institution help students develop values that are consistent with faith in Jesus Christ.	CCC01f	1	Strongly disagree	2	0	65	3	<b>4.2</b>	3.8 ***	.45
		2	Disagree	8	2	121	5			
		3	Neither agree/disagree	76	18	547	24			
		4	Agree	137	32	988	43			
		5	Strongly agree	199	47	592	25			
		Total		422	100	2,313	100			
g. Courses in my major have helped me think about how Christian values relate to my future profession.	CCC01g	1	Strongly disagree	2	0	46	2	<b>4.4</b>	4.1 ***	.37
		2	Disagree	8	2	87	4			
		3	Neither agree/disagree	34	8	304	14			
		4	Agree	134	32	956	42			
		5	Strongly agree	242	57	921	38			
		Total		420	100	2,314	100			

### Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				Regent		CCC&U		Regent	CCC&U	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
h. When appropriate, professors here take time to talk about their values and personal beliefs in class.	CCC01h	1	Strongly disagree	5	1	34	2	<b>4.1</b>	4.1	-.03
		2	Disagree	13	3	66	3			
		3	Neither agree/disagree	69	17	234	10			
		4	Agree	174	42	1,149	51			
		5	Strongly agree	157	37	829	34			
		Total		418	100	2,312	100			
i. Faculty here interact with students outside of class in ways that help us clarify our personal values.	CCC01i	1	Strongly disagree	9	2	48	2	<b>3.5</b>	3.8 ***	-.31
		2	Disagree	29	7	139	6			
		3	Neither agree/disagree	180	43	483	22			
		4	Agree	121	29	1,001	43			
		5	Strongly agree	77	18	640	26			
		Total		416	100	2,311	100			
j. There is an environment on this campus that encourages me to develop values which reflect my faith in Jesus Christ.	CCC01j	1	Strongly disagree	3	1	63	3	<b>4.0</b>	4.0	.00
		2	Disagree	9	2	85	4			
		3	Neither agree/disagree	114	28	330	15			
		4	Agree	128	31	994	43			
		5	Strongly agree	159	38	838	35			
		Total		413	100	2,310	100			
k. At my institution, I am challenged to think about issues from a Christian perspective.	CCC01k	1	Strongly disagree	1	0	40	2	<b>4.6</b>	4.1 ***	.55
		2	Disagree	2	0	59	3			
		3	Neither agree/disagree	23	5	254	12			
		4	Agree	117	28	1,077	47			
		5	Strongly agree	274	66	882	36			
		Total		417	100	2,312	100			
l. This institution has helped me to critically evaluate whether or not my behavior is consistent with Christian values.	CCC01l	1	Strongly disagree	1	0	55	3	<b>4.4</b>	4.0 ***	.43
		2	Disagree	9	2	105	5			
		3	Neither agree/disagree	46	11	358	17			
		4	Agree	143	35	1,061	45			
		5	Strongly agree	219	52	730	31			
		Total		418	100	2,309	100			
m. This institution encourages students to worship God in meaningful ways.	CCC01m	1	Strongly disagree	2	0	54	3	<b>4.4</b>	4.1 ***	.38
		2	Disagree	6	1	87	4			
		3	Neither agree/disagree	42	10	292	14			
		4	Agree	136	33	1,039	45			
		5	Strongly agree	232	55	837	35			
		Total		418	100	2,309	100			
n. As a result of my experience at this institution, I am more aware of what my own personal values are.	CCC01n	1	Strongly disagree	2	0	33	2	<b>4.3</b>	4.2 ***	.19
		2	Disagree	7	2	77	3			
		3	Neither agree/disagree	48	11	241	11			
		4	Agree	149	36	1,024	44			
		5	Strongly agree	212	50	931	40			
		Total		418	100	2,306	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>		
				Regent		CCC&U		Regent	CCC&U	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
o. As a result of my experience at this institution, my values are more consistent with a Christian worldview and lifestyle.	CCC01o	1	Strongly disagree	2	0	79	4	<b>4.2</b>	3.8 ***	.38
		2	Disagree	13	3	147	6			
		3	Neither agree/disagree	65	15	483	22			
		4	Agree	149	36	894	39			
		5	Strongly agree	190	45	697	29			
		Total		419	100	2,300	100			
p. This institution has reinforced values that I have always held.	CCC01p	1	Strongly disagree	1	0	70	3	<b>4.3</b>	3.8 ***	.53
		2	Disagree	9	2	194	8			
		3	Neither agree/disagree	46	11	441	19			
		4	Agree	156	38	1,020	44			
		5	Strongly agree	205	49	581	25			
		Total		417	100	2,306	100			
q. This institution has challenged me to critically evaluate and reconsider values that I have always held.	CCC01q	1	Strongly disagree	8	2	61	3	<b>4.0</b>	3.8 **	.17
		2	Disagree	28	7	189	8			
		3	Neither agree/disagree	79	19	427	19			
		4	Agree	157	38	1,059	46			
		5	Strongly agree	145	34	564	24			
		Total		417	100	2,300	100			
r. As a result of my experience at this institution, I have learned principles of Christian leadership.	CCC01r	1	Strongly disagree	1	0	69	3	<b>4.3</b>	3.8 ***	.50
		2	Disagree	8	2	136	6			
		3	Neither agree/disagree	51	12	432	19			
		4	Agree	151	37	1,041	45			
		5	Strongly agree	205	49	612	26			
		Total		416	100	2,290	100			
s. Faculty at my institution do a good job using technology to improve classroom instruction.	CCC01s	1	Strongly disagree	6	1	47	2	<b>4.0</b>	3.8 ***	.22
		2	Disagree	22	5	172	7			
		3	Neither agree/disagree	63	15	446	19			
		4	Agree	186	45	1,124	48			
		5	Strongly agree	141	34	508	24			
		Total		418	100	2,297	100			
t. I would take classes over the Internet at my institution if given the opportunity.	CCC01t	1	Strongly disagree	18	5	211	9	<b>4.2</b>	3.4 ***	.64
		2	Disagree	17	4	358	15			
		3	Neither agree/disagree	44	11	471	20			
		4	Agree	104	25	753	32			
		5	Strongly agree	231	56	520	23			
		Total		414	100	2,313	100			



**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>
	Regent	Regent	CCC&U	Regent	CCC&U	Regent	CCC&U			
CCC01a	227	4.66	4.35	.05	.02	0.73	0.86	318	.000	.37
CCC01b	226	4.72	4.36	.05	.02	0.69	0.87	334	.000	.42
CCC01c	229	4.47	4.10	.06	.02	0.91	0.95	1,849	.000	.39
CCC01d	228	4.61	4.28	.05	.02	0.78	0.84	305	.000	.39
CCC01e	227	4.13	4.17	.07	.02	0.99	0.78	267	.597	-.04
CCC01f	226	4.31	3.78	.05	.02	0.82	0.94	1,839	.000	.56
CCC01g	227	4.37	3.94	.05	.02	0.82	0.99	1,841	.000	.45
CCC01h	225	3.94	4.04	.06	.02	0.90	0.85	282	.116	-.12
CCC01i	225	3.44	3.78	.06	.02	0.92	0.93	1,839	.000	-.36
CCC01j	226	4.01	4.16	.06	.02	0.89	0.87	1,833	.013	-.18
CCC01k	229	4.52	4.16	.04	.02	0.68	0.84	1,836	.000	.44
CCC01l	226	4.33	4.00	.05	.02	0.79	0.91	1,830	.000	.37
CCC01m	227	4.44	4.24	.05	.02	0.71	0.82	1,834	.000	.25
CCC01n	227	4.28	4.11	.06	.02	0.83	0.85	1,833	.005	.20
CCC01o	226	4.15	3.84	.06	.02	0.92	0.96	1,829	.000	.32
CCC01p	226	4.32	3.93	.05	.02	0.76	0.91	1,830	.000	.43
CCC01q	227	3.93	3.66	.07	.03	1.05	1.00	1,823	.000	.26
CCC01r	229	4.20	3.83	.06	.02	0.88	0.93	1,825	.000	.40
CCC01s	227	3.96	3.83	.06	.02	0.91	0.89	1,825	.037	.15
CCC01t	227	4.11	3.44	.08	.03	1.16	1.17	1,824	.000	.57

### 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>
		Regent	CCC&U	Regent	CCC&U	Regent	CCC&U			
CCC01a	419	4.69	4.36	.03	.02	0.60	0.91	819	.000	.38
CCC01b	423	4.73	4.39	.03	.02	0.58	0.90	846	.000	.40
CCC01c	423	4.55	4.15	.04	.02	0.73	0.98	733	.000	.43
CCC01d	420	4.67	4.33	.03	.02	0.60	0.86	778	.000	.42
CCC01e	423	4.28	4.21	.04	.02	0.78	0.85	2,692	.093	.09
CCC01f	421	4.24	3.81	.04	.02	0.85	0.97	2,687	.000	.45
CCC01g	419	4.44	4.10	.04	.02	0.77	0.93	2,685	.000	.37
CCC01h	417	4.11	4.13	.04	.02	0.87	0.84	567	.640	-.03
CCC01i	415	3.55	3.85	.05	.02	0.94	0.96	2,678	.000	-.31
CCC01j	412	4.04	4.04	.04	.02	0.90	0.95	2,673	.985	.00
CCC01k	416	4.59	4.13	.03	.02	0.64	0.87	737	.000	.55
CCC01l	417	4.36	3.96	.04	.02	0.78	0.96	2,679	.000	.43
CCC01m	418	4.41	4.07	.04	.02	0.77	0.93	2,678	.000	.38
CCC01n	417	4.34	4.17	.04	.02	0.78	0.87	2,675	.000	.19
CCC01o	418	4.22	3.83	.04	.02	0.85	1.05	676	.000	.38
CCC01p	416	4.32	3.81	.04	.02	0.78	1.00	697	.000	.53
CCC01q	416	3.96	3.80	.05	.02	0.99	0.99	2,669	.002	.17
CCC01r	415	4.32	3.85	.04	.02	0.78	0.99	684	.000	.50
CCC01s	418	4.04	3.83	.04	.02	0.91	0.94	2,667	.000	.22
CCC01t	413	4.24	3.44	.05	.03	1.09	1.26	631	.000	.64

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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.