



NSSE 2017 Consortium Report

California State University

California State University-Los Angeles

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About This Consortium Report

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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 'California State' column of this report.

Group label	California State
Date submitted	5/23/17
How was this comparison group constructed?	Your institution retained the default comparison group (all consortium participants).
Group description	All other current- and prior-year NSSE institutions sharing your NSSE consortium "California State University"

California State (N=13)

California State Polytechnic University-Pomona (Pomona, CA)
 California State University Maritime Academy (Vallejo, CA)
 California State University-Bakersfield (Bakersfield, CA)
 California State University-Channel Islands (Camarillo, CA)
 California State University-Dominguez Hills (Carson, CA)
 California State University-Long Beach (Long Beach, CA)
 California State University, East Bay (Hayward, CA)
 California State University, Fresno (Fresno, CA)
 California State University, Monterey Bay (Seaside, CA)
 California State University, Northridge (Northridge, CA)
 California State University, Sacramento (Sacramento, CA)
 Humboldt State University (Arcata, CA)
 San Jose State University (San Jose, CA)

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				Cal State L.A.		California State		Cal State L.A.	California State	
				Count	%	Count	%	Mean	Mean	Effect size ^d
1. To what extent has your college education at this institution helped you to develop each of the following types of knowledge or proficiencies?										
a. Effective leadership skills (a set of abilities requiring individuals to “enlist the aid and support of others in the accomplishment of a common goal.”)	CAL01a	1	Very little	51	9	509	10	2.7	2.6	.09
		2	Some	175	32	1,942	36			
		3	Quite a bit	219	40	2,007	38			
		4	Very much	105	18	828	16			
		Total		550	100	5,286	100			
b. Creative thinking (both the capacity to combine or synthesize existing ideas, images, or expertise in original ways and the experience of thinking, reacting, and working in an imaginative way characterized by a high degree of innovation, divergent thinking, and risk taking.)	CAL01b	1	Very little	21	4	261	5	2.9	2.9	.03
		2	Some	143	26	1,391	26			
		3	Quite a bit	253	47	2,387	45			
		4	Very much	135	24	1,231	24			
		Total		552	100	5,270	100			
c. Information literacy and research skills (a set of abilities requiring individuals to “recognize when information is needed and have the ability to effectively locate, evaluate, and apply the needed information.”)	CAL01c	1	Very little	23	4	221	4	2.9	2.9	-.04
		2	Some	147	27	1,386	26			
		3	Quite a bit	262	48	2,452	46			
		4	Very much	119	21	1,212	24			
		Total		551	100	5,271	100			
d. Civic literacy (the knowledge of how to actively participate and initiate change in your community and the greater society; the foundation by which a democratic society functions)	CAL01d	1	Very little	45	8	608	12	2.7	2.5 **	.13
		2	Some	197	36	1,996	37			
		3	Quite a bit	209	38	1,895	36			
		4	Very much	101	18	771	15			
		Total		552	100	5,270	100			
2. How important are the following experiences to your success at this institution?										
a. Ability to interact with faculty in class	CAL02a	1	Not important	7	1	82	2	3.2	3.1	.06
		2	Slightly important	85	15	855	16			
		3	Important	260	47	2,652	50			
		4	Very important	199	36	1,672	33			
		Total		551	100	5,261	100			
b. Ability to interact with other students in class	CAL02b	1	Not important	11	2	104	2	3.2	3.2	.05
		2	Slightly important	65	12	714	14			
		3	Important	248	45	2,349	44			
		4	Very important	227	41	2,095	40			
		Total		551	100	5,262	100			
c. Access to supplemental instruction/course problem solving sessions	CAL02c	1	Not important	8	2	124	3	3.2	3.1	.07
		2	Slightly important	79	15	852	16			
		3	Important	274	51	2,607	49			
		4	Very important	189	33	1,674	32			
		Total		550	100	5,257	100			
d. Access to free tutoring/writing assistance	CAL02d	1	Not important	9	2	182	4	3.3	3.2 ***	.16
		2	Slightly important	59	11	761	15			
		3	Important	208	39	2,057	38			
		4	Very important	274	48	2,257	43			
		Total		550	100	5,257	100			

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

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				Cal State L.A.		California State		Cal State L.A.	California State	
				Count	%	Count	%	Mean	Mean	Effect size ^d
e. Peer networking with students in your class	CAL02e	1	Not important	9	2	147	3	3.2	3.1 *	.10
		2	Slightly important	82	15	868	16			
		3	Important	243	44	2,335	44			
		4	Very important	215	39	1,899	36			
		Total		549	100	5,249	100			
f. Parental expectations for your success	CAL02f	1	Not important	35	7	470	9	3.0	2.9	.06
		2	Slightly important	117	21	1,129	22			
		3	Important	226	42	2,077	39			
		4	Very important	172	30	1,577	30			
		Total		550	100	5,253	100			
3. When comparing yourself to your peers at this institution, how would you evaluate your own level of academic preparation in the following areas?										
a. In your major classes	CAL03a	1	Less prepared	104	19	1,094	20	2.0	1.9	.04
		2	Equally prepared	281	51	2,945	56			
		3	More prepared	87	17	783	16			
		—	Not applicable	74	13	429	8			
		Total		546	100	5,251	100			
b. In your General Education classes	CAL03b	1	Less prepared	59	11	651	12	2.1	2.1	-.01
		2	Equally prepared	373	67	3,368	63			
		3	More prepared	113	21	1,177	23			
		—	Not applicable	6	1	51	1			
		Total		551	100	5,247	100			
4. To what extent do you agree that you will graduate from this institution?										
CAL04		1	Strongly disagree	8	1	84	2	3.4	3.5 *	-.10
		2	Disagree	23	4	195	4			
		3	Agree	238	44	1,938	37			
		4	Strongly agree	278	50	3,018	57			
		Total		547	100	5,235	100			
5. To what extent do you feel the following?										
a. Safe on this campus	CAL05a	1	Not at all	9	2	68	1	3.4	3.4	-.01
		2	Very little	25	5	316	5			
		3	Some	234	42	2,345	42			
		4	Very much	282	52	2,501	52			
		—	Not applicable	0	0	19	0			
Total		550	100	5,249	100					
b. A sense of community at this institution	CAL05b	1	Not at all	41	8	285	6	3.0	3.1 **	-.12
		2	Very little	92	17	781	14			
		3	Some	251	46	2,473	46			
		4	Very much	164	29	1,665	33			
		—	Not applicable	1	0	42	1			
Total		549	100	5,246	100					

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

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				Cal State L.A.		California State		Cal State L.A.	California State	
				Count	%	Count	%	Mean	Mean	Effect size ^d
6. For which of the following reasons have you chosen to register for courses that did not fulfill either General Education or major requirements? (Check all that apply.)										
	CAL06a	—	For personal interest/enrichment	279	56	2,542	56			
	CAL06b	—	For my job	54	11	488	11			
	CAL06c	—	For professional development	63	13	845	19			
	CAL06d	—	To maintain financial aid eligibility	67	14	590	13			
	CAL06e	—	Thought it was required for General Education	115	23	1,019	22			
	CAL06f	—	Thought it was required for my major	87	17	735	16			
	CAL06g	—	My major faculty advisor suggested it	55	11	537	12			
	CAL06h	—	My General Education advisor suggested it	50	10	567	12			
	CAL06i	—	It was required for a change of major	21	4	259	5			
	CAL06j	—	Could not get the classes that I wanted	126	25	1,270	27			
7. How would you evaluate your experience with regard to the availability of courses required for either General Education or your major in this institution?										
a. The General Education required courses have been available.	CAL07a	1	Hardly ever	14	2	290	5	2.9	2.8 **	.11
		2	Some of the time	134	24	1,513	28			
		3	Most of the time	284	52	2,319	45			
		4	Almost or nearly always	113	21	1,034	21			
		—	Not applicable (haven't tried to take any yet)	3	1	52	1			
			Total	548	100	5,208	100			
b. The major required courses have been available.	CAL07b	1	Hardly ever	33	6	468	9	2.7	2.7	-.03
		2	Some of the time	139	26	1,507	28			
		3	Most of the time	215	40	1,799	35			
		4	Almost or nearly always	67	12	954	19			
		—	Not applicable (haven't tried to take any yet)	93	16	480	9			
			Total	547	100	5,208	100			
8. What was your primary reason for working for pay (either off or on campus)?										
	CAL08	—	To gain knowledge/skills/experience	59	11	383	8			
		—	To earn extra spending money	35	7	477	9			
		—	To keep busy	15	3	74	2			
		—	To earn money for college expenses	86	16	984	18			
		—	To earn money for basic expenses	54	10	793	15			
		—	I don't work for pay	288	53	2,466	49			
			Total	537	100	5,177	100			

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

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				Cal State L.A.		California State		Cal State L.A.	California State	
				Count	%	Count	%	Mean	Mean	Effect size ^d
9. How likely is it that financial problems will delay you in completing your undergraduate education?										
	CAL09	1	Very unlikely	54	10	670	13	3.3	3.2 **	.13
		2	Somewhat unlikely	57	11	655	12			
		3	Not sure	195	35	1,745	33			
		4	Somewhat likely	131	24	1,296	25			
		5	Very likely	110	20	847	16			
		Total		547	100	5,213	100			
10. If financial problems affected your progress in completing your undergraduate education, what actions did you take? (Check all that apply.)										
	CAL10a	—	Took fewer units each term to reduce my tuition costs	80	16	687	14			
	CAL10b	—	Took fewer units each term to work more hours	60	12	670	13			
	CAL10c	—	Enrolled in community college courses to reduce costs	104	19	993	19			
	CAL10d	—	Had to stop enrolling in any college courses to reduce my expenses	20	4	183	4			
	CAL10e	—	Transferred from a more expensive institution to enroll at this institution	5	1	67	1			
	CAL10f	—	Not applicable	350	65	3,275	65			

Seniors

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				Cal State L.A.		California State		Cal State L.A.	California State	
				Count	%	Count	%	Mean	Mean	Effect size ^d
1. To what extent has your college education at this institution helped you to develop each of the following types of knowledge or proficiencies?										
a. Effective leadership skills (a set of abilities requiring individuals to “enlist the aid and support of others in the accomplishment of a common goal.”)	CAL01a	1	Very little	35	6	904	9	2.9	2.8 **	.13 ▲
		2	Some	143	25	3,037	29			
		3	Quite a bit	232	41	3,863	37			
		4	Very much	160	28	2,689	25			
		Total		570	100	10,493	100			
b. Creative thinking (both the capacity to combine or synthesize existing ideas, images, or expertise in original ways and the experience of thinking, reacting, and working in an imaginative way characterized by a high degree of innovation, divergent thinking, and risk taking.)	CAL01b	1	Very little	20	4	470	5	3.0	3.0	.05
		2	Some	135	24	2,322	22			
		3	Quite a bit	218	39	4,454	42			
		4	Very much	196	34	3,224	31			
		Total		569	100	10,470	100			
c. Information literacy and research skills (a set of abilities requiring individuals to “recognize when information is needed and have the ability to effectively locate, evaluate, and apply the needed information.”)	CAL01c	1	Very little	14	2	384	4	3.1	3.1 *	.09
		2	Some	100	17	2,051	20			
		3	Quite a bit	250	45	4,510	43			
		4	Very much	206	36	3,546	34			
		Total		570	100	10,491	100			
d. Civic literacy (the knowledge of how to actively participate and initiate change in your community and the greater society; the foundation by which a democratic society functions)	CAL01d	1	Very little	54	10	1,461	15	2.8	2.6 ***	.19
		2	Some	169	29	3,455	33			
		3	Quite a bit	202	36	3,479	33			
		4	Very much	144	25	2,066	20			
		Total		569	100	10,461	100			
2. How important are the following experiences to your success at this institution?										
a. Ability to interact with faculty in class	CAL02a	1	Not important	10	2	225	2	3.3	3.3	.06
		2	Slightly important	66	12	1,265	12			
		3	Important	216	38	4,364	41			
		4	Very important	276	48	4,644	44			
		Total		568	100	10,498	100			
b. Ability to interact with other students in class	CAL02b	1	Not important	11	2	294	3	3.3	3.2	.05
		2	Slightly important	80	14	1,466	14			
		3	Important	222	39	4,192	40			
		4	Very important	255	45	4,518	43			
		Total		568	100	10,470	100			
c. Access to supplemental instruction/course problem solving sessions	CAL02c	1	Not important	14	3	456	5	3.2	3.1 *	.10
		2	Slightly important	87	16	1,677	16			
		3	Important	242	42	4,571	43			
		4	Very important	225	39	3,773	36			
		Total		568	100	10,477	100			
d. Access to free tutoring/writing assistance	CAL02d	1	Not important	49	9	1,070	11	3.0	3.0	.06
		2	Slightly important	99	18	2,068	20			
		3	Important	202	35	3,516	33			
		4	Very important	219	38	3,827	36			
		Total		569	100	10,481	100			

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

Seniors

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				Cal State L.A.		California State		Cal State L.A.	California State	Effect size ^d
				Count	%	Count	%	Mean	Mean	
e. Peer networking with students in your class	CAL02e	1	Not important	18	3	525	5	3.2	3.1	.07
		2	Slightly important	99	18	1,808	18			
		3	Important	220	39	4,148	39			
		4	Very important	231	40	4,007	38			
		Total		568	100	10,488	100			
f. Parental expectations for your success	CAL02f	1	Not important	91	16	2,177	22	2.7	2.6 **	.13
		2	Slightly important	126	22	2,305	22			
		3	Important	183	32	3,316	31			
		4	Very important	169	29	2,661	25			
		Total		569	100	10,459	100			
3. When comparing yourself to your peers at this institution, how would you evaluate your own level of academic preparation in the following areas?										
a. In your major classes	CAL03a	1	Less prepared	53	10	1,254	12	2.2	2.2	.07
		2	Equally prepared	331	58	6,036	57			
		3	More prepared	182	32	3,130	30			
		—	Not applicable	3	1	52	1			
		Total		569	100	10,472	100			
b. In your General Education classes	CAL03b	1	Less prepared	32	6	922	9	2.3	2.3	.03
		2	Equally prepared	324	57	5,490	52			
		3	More prepared	198	35	3,768	36			
		—	Not applicable	12	2	279	3			
		Total		566	100	10,459	100			
4. To what extent do you agree that you will graduate from this institution?										
CAL04	1	Strongly disagree	2	0	44	0	3.9	3.8 **	.12	
	2	Disagree	3	1	76	1				
	3	Agree	46	8	1,303	13				
	4	Strongly agree	515	91	8,990	86				
	Total		566	100	10,413	100				
5. To what extent do you feel the following?										
a. Safe on this campus	CAL05a	1	Not at all	9	1	281	2	3.4	3.4	-.06
		2	Very little	31	6	827	6			
		3	Some	283	49	4,553	40			
		4	Very much	241	44	4,723	50			
		—	Not applicable	2	0	87	1			
b. A sense of community at this institution	CAL05b	1	Not at all	44	8	738	7	2.8	2.9 ***	-.19
		2	Very little	148	26	2,015	19			
		3	Some	260	45	4,840	45			
		4	Very much	113	20	2,751	27			
		—	Not applicable	5	1	131	1			
Total		570	100	10,475	100					

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

Seniors

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				Cal State L.A.		California State		Cal State L.A.	California State	Effect size ^d
				Count	%	Count	%	Mean	Mean	
6. For which of the following reasons have you chosen to register for courses that did not fulfill either General Education or major requirements? (Check all that apply.)										
	CAL06a	—	For personal interest/enrichment	314	60	5,889	62			
	CAL06b	—	For my job	65	13	1,268	14			
	CAL06c	—	For professional development	137	26	2,717	29			
	CAL06d	—	To maintain financial aid eligibility	129	24	2,138	22			
	CAL06e	—	Thought it was required for General Education	99	19	1,844	19			
	CAL06f	—	Thought it was required for my major	92	17	1,657	17			
	CAL06g	—	My major faculty advisor suggested it	47	9	893	9			
	CAL06h	—	My General Education advisor suggested it	28	5	513	5			
	CAL06i	—	It was required for a change of major	28	5	653	7			
	CAL06j	—	Could not get the classes that I wanted	143	27	2,520	26			
7. How would you evaluate your experience with regard to the availability of courses required for either General Education or your major in this institution?										
a. The General Education required courses have been available.	CAL07a	1	Hardly ever	33	6	531	5	2.7	2.8 **	-14
		2	Some of the time	179	31	2,748	26			
		3	Most of the time	226	40	4,426	43			
		4	Almost or nearly always	96	17	2,163	21			
		—	Not applicable (haven't tried to take any yet)	34	6	516	5			
			Total	568	100	10,384	100			
b. The major required courses have been available.	CAL07b	1	Hardly ever	48	8	937	9	2.7	2.7	-.03
		2	Some of the time	181	32	3,227	31			
		3	Most of the time	216	39	3,738	36			
		4	Almost or nearly always	120	21	2,435	24			
		—	Not applicable (haven't tried to take any yet)	1	0	41	0			
			Total	566	100	10,378	100			
8. What was your primary reason for working for pay (either off or on campus)?										
	CAL08	—	To gain knowledge/skills/experience	66	12	1,505	14			
		—	To earn extra spending money	36	6	784	7			
		—	To keep busy	8	2	123	1			
		—	To earn money for college expenses	140	25	2,095	20			
		—	To earn money for basic expenses	208	36	3,820	37			
		—	I don't work for pay	110	19	2,053	20			
			Total	568	100	10,380	100			

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

Seniors

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				Cal State L.A.		California State		Cal State L.A.	California State	Effect size ^d
				Count	%	Count	%	Mean	Mean	
9. How likely is it that financial problems will delay you in completing your undergraduate education?										
	CAL09	1	Very unlikely	174	31	3,326	32	2.8	2.7	.05
		2	Somewhat unlikely	76	13	1,513	14			
		3	Not sure	96	17	1,939	19			
		4	Somewhat likely	127	22	1,874	18			
		5	Very likely	92	16	1,731	17			
		Total		565	100	10,383	100			
10. If financial problems affected your progress in completing your undergraduate education, what actions did you take? (Check all that apply.)										
	CAL10a	—	Took fewer units each term to reduce my tuition costs	75	14	1,472	15			
	CAL10b	—	Took fewer units each term to work more hours	104	18	1,871	19			
	CAL10c	—	Enrolled in community college courses to reduce costs	148	26	2,452	23			
	CAL10d	—	Had to stop enrolling in any college courses to reduce my expenses	48	9	696	7			
	CAL10e	—	Transferred from a more expensive institution to enroll at this institution	12	2	268	3			
	CAL10f	—	Not applicable	294	53	5,668	56			

First-Year Students

Variable name	N	Mean		Standard error ^f		Standard deviation ^g		DF ^h	Sig. ⁱ	Effect size ^d
	Cal State L.A.	Cal State L.A.	California State	Cal State L.A.	California State	Cal State L.A.	California State	Comparisons with: California State		
CAL01a	547	2.68	2.60	.04	.01	0.88	0.87	5,738	.053	.09
CAL01b	548	2.90	2.88	.03	.01	0.80	0.83	5,729	.483	.03
CAL01c	548	2.86	2.90	.03	.01	0.78	0.81	5,725	.376	-.04
CAL01d	549	2.65	2.54	.04	.01	0.87	0.89	5,727	.005	.13
CAL02a	548	3.17	3.13	.03	.01	0.74	0.73	5,714	.188	.06
CAL02b	548	3.25	3.21	.03	.01	0.75	0.76	5,714	.312	.05
CAL02c	547	3.15	3.10	.03	.01	0.72	0.76	5,710	.143	.07
CAL02d	547	3.34	3.21	.03	.01	0.74	0.83	697	.000	.16
CAL02e	546	3.21	3.13	.03	.01	0.75	0.80	5,701	.034	.10
CAL02f	547	2.95	2.90	.04	.01	0.89	0.94	681	.151	.06
CAL03a	475	1.98	1.95	.03	.01	0.65	0.63	5,223	.376	.04
CAL03b	541	2.10	2.11	.02	.01	0.56	0.59	675	.796	-.01
CAL04	544	3.43	3.50	.03	.01	0.64	0.66	5,690	.028	-.10
CAL05a	547	3.44	3.45	.03	.01	0.66	0.64	5,680	.794	-.01
CAL05b	544	2.97	3.07	.04	.01	0.88	0.84	5,653	.008	-.12
CAL07a	542	2.92	2.83	.03	.01	0.74	0.82	693	.007	.11
CAL07b	458	2.69	2.71	.04	.01	0.80	0.91	579	.559	-.03
CAL09	544	3.34	3.18	.05	.02	1.20	1.23	5,662	.005	.13

See the endnotes on the last page of this report.





Seniors

Variable name	N	Mean		Standard error ^f		Standard deviation ^g		DF ^h	Sig. ⁱ	Effect size ^d
	Cal State L.A.	Cal State L.A.	California State	Cal State L.A.	California State	Cal State L.A.	California State			
								<i>Comparisons with:</i>		
								California State		
CAL01a	572	2.90	2.78	.04	.01	0.87	0.93	632	.001	.13
CAL01b	571	3.03	2.99	.04	.01	0.85	0.85	12,819	.292	.05
CAL01c	572	3.14	3.06	.03	.01	0.78	0.83	12,846	.044	.09
CAL01d	571	2.76	2.58	.04	.01	0.93	0.97	629	.000	.19
CAL02a	571	3.32	3.28	.03	.01	0.76	0.76	12,852	.194	.06
CAL02b	570	3.26	3.23	.03	.01	0.77	0.80	12,817	.265	.05
CAL02c	571	3.18	3.10	.03	.01	0.79	0.83	12,826	.023	.10
CAL02d	571	3.01	2.95	.04	.01	0.96	0.99	12,830	.153	.06
CAL02e	571	3.16	3.10	.03	.01	0.83	0.87	12,839	.097	.07
CAL02f	571	2.75	2.60	.04	.01	1.05	1.09	629	.002	.13
CAL03a	568	2.22	2.18	.03	.01	0.61	0.63	12,757	.116	.07
CAL03b	556	2.30	2.28	.02	.01	0.57	0.62	618	.495	.03
CAL04	569	3.89	3.84	.02	.00	0.36	0.42	642	.001	.12
CAL05a	566	3.35	3.40	.03	.01	0.66	0.71	628	.129	-.06
CAL05b	567	2.78	2.94	.04	.01	0.86	0.87	621	.000	-.19
CAL07a	537	2.73	2.85	.04	.01	0.83	0.83	12,090	.001	-.14
CAL07b	568	2.73	2.75	.04	.01	0.89	0.92	12,664	.549	-.03
CAL09	568	2.80	2.73	.06	.01	1.49	1.48	12,712	.269	.05

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.