



NSSE 2014
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	Not applicable; comparison group not customized.
How was this comparison group constructed?	Your institution did not customize this comparison group; the default group (all consortium participants) was used.
Group description	Default comparison group

'California State' institutions (N=8)

California Maritime Academy (Vallejo, CA)
 California State Polytechnic University-Pomona (Pomona, CA)
 California State University San Marcos (San Marcos, CA)
 California State University-Chico (Chico, CA)
 California State University, Fullerton (Fullerton, CA)
 California State University, Sacramento (Sacramento, CA)
 California State University, San Bernardino (San Bernardino, 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.”)	CAL1401a	1	Very little	32	11	353	13	2.7	2.6	.11
		2	Some	89	27	889	31			
		3	Quite a bit	132	41	1,022	35			
		4	Very much	70	21	593	20			
			Total	323	100	2,857	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.)	CAL1401b	1	Very little	12	5	148	5	3.0	2.9	.11
		2	Some	65	20	668	23			
		3	Quite a bit	139	43	1,220	43			
		4	Very much	106	33	822	28			
			Total	322	100	2,858	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.”)	CAL1401c	1	Very little	13	5	130	5	3.0	3.0	.06
		2	Some	70	22	651	23			
		3	Quite a bit	134	41	1,240	44			
		4	Very much	105	32	821	28			
			Total	322	100	2,842	100			
2. How important are the following experiences to your success at this institution?										
a. Ability to interact with faculty in class	CAL1402a	1	Not important	4	1	46	2	3.3	3.3	.05
		2	Slightly important	35	11	312	11			
		3	Important	134	41	1,201	42			
		4	Very important	151	47	1,312	45			
			Total	324	100	2,871	100			
b. Ability to interact with other students in class	CAL1402b	1	Not important	5	2	70	3	3.3	3.2 *	.14
		2	Slightly important	40	12	389	14			
		3	Important	123	37	1,159	41			
		4	Very important	155	49	1,247	43			
			Total	323	100	2,865	100			
c. Access to supplemental instruction/course problem solving sessions	CAL1402c	1	Not important	6	2	72	3	3.2	3.2	.07
		2	Slightly important	39	12	429	16			
		3	Important	146	44	1,168	41			
		4	Very important	131	42	1,184	40			
			Total	322	100	2,853	100			
d. Access to free tutoring/writing assistance	CAL1402d	1	Not important	8	3	108	4	3.4	3.2 **	.15
		2	Slightly important	30	10	414	15			
		3	Important	121	37	974	34			
		4	Very important	163	51	1,366	46			
			Total	322	100	2,862	100			
e. Peer networking with students in your class	CAL1402e	1	Not important	7	2	134	5	3.2	3.1	.09
		2	Slightly important	45	14	485	17			
		3	Important	152	46	1,098	39			
		4	Very important	118	38	1,138	39			
			Total	322	100	2,855	100			

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to the Endnotes page for key to triangle symbols.
Note: For some items, lower scores may be preferable due to wording.

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
f. Parental expectations for your success	CAL1402f	1	Not important	21	7	257	9	3.1	3.0 **	.18 △
		2	Slightly important	50	15	525	19			
		3	Important	118	36	1,044	37			
		4	Very important	133	42	1,026	35			
		Total		322	100	2,852	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	CAL1403a	1	Less prepared	46	15	459	16	2.0	2.0	-.10
		2	Equally prepared	146	47	1,390	49			
		3	More prepared	43	13	539	20			
		—	Not applicable	82	25	462	15			
		Total		317	100	2,850	100			
b. In your General Education classes	CAL1403b	1	Less prepared	19	6	306	11	2.2	2.2	.01
		2	Equally prepared	218	68	1,718	59			
		3	More prepared	76	24	801	29			
		—	Not applicable	4	1	26	1			
		Total		317	100	2,851	100			
4. To what extent do you agree that you will graduate from this institution?										
	CAL1404	1	Strongly disagree	2	1	37	1	3.5	3.6 *	-.12 ▽
		2	Disagree	7	2	90	3			
		3	Agree	144	45	955	34			
		4	Strongly agree	166	52	1,739	62			
		Total		319	100	2,821	100			
5. To what extent do you feel the following?										
a. Safe on this campus	CAL1405a	1	Not at all	5	2	45	2	3.5	3.5 *	.12 △
		2	Very little	8	2	159	6			
		3	Some	118	37	1,106	38			
		4	Very much	187	59	1,532	54			
		—	Not applicable	2	1	13	0			
		Total		320	100	2,855	100			
b. A sense of community at this institution	CAL1405b	1	Not at all	27	9	167	6	2.9	3.0 **	-.17 ▽
		2	Very little	60	20	456	17			
		3	Some	139	43	1,259	44			
		4	Very much	92	27	939	33			
		—	Not applicable	1	0	19	1			
		Total		319	100	2,840	100			

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to the Endnotes page for key to triangle symbols.
Note: For some items, lower scores may be preferable due to wording.

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.)										
	CAL1406a	—	For personal interest/enrichment	147	52	1,387	58			
	CAL1406b	—	For my job	23	8	261	11			
	CAL1406c	—	For professional development	52	18	507	21			
	CAL1406d	—	To maintain financial aid eligibility	77	27	426	18			
	CAL1406e	—	Thought it was required for General Education	67	23	589	24			
	CAL1406f	—	Thought it was required for my major	44	15	423	17			
	CAL1406g	—	My major faculty advisor suggested it	44	16	267	11			
	CAL1406h	—	My General Education advisor suggested it	42	14	270	11			
	CAL1406i	—	It was required for a change of major	17	6	139	6			
	CAL1406j	—	Could not get the classes that I wanted	134	46	863	35			
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.	CAL1407a	1	Hardly ever	42	14	216	7	2.5	2.8 ***	-0.27
		2	Some of the time	119	37	890	31			
		3	Most of the time	103	33	1,062	38			
		4	Almost or nearly always	52	16	632	22			
		—	Not applicable (haven't tried to take any yet)	0	0	25	1			
			Total	316	100	2,825	100			
b. The major required courses have been available.	CAL1407b	1	Hardly ever	43	14	366	13	2.4	2.6 **	-0.18
		2	Some of the time	84	26	741	27			
		3	Most of the time	70	23	701	26			
		4	Almost or nearly always	33	11	495	18			
		—	Not applicable (haven't tried to take any yet)	84	26	500	17			
			Total	314	100	2,803	100			
8. What was your primary reason for working for pay (either off or on campus)?										
	CAL1408	—	To gain knowledge/skills/experience	30	9	230	8			
		—	To earn extra spending money	11	3	205	7			
		—	To keep busy	4	1	28	1			
		—	To earn money for college expenses	59	18	454	16			
		—	To earn money for basic expenses	41	14	407	14			
		—	I don't work for pay	171	54	1,512	53			
			Total	316	100	2,836	100			

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to the Endnotes page for key to triangle symbols.
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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	Effect size ^d
				Count	%	Count	%	Mean	Mean	
9. How likely is it that financial problems will delay you in completing your undergraduate education?										
	CAL1409	1	Very unlikely	20	6	398	14	3.4	3.1 ***	.24 △
		2	Somewhat unlikely	30	9	361	13			
		3	Not sure	133	41	970	35			
		4	Somewhat likely	74	24	667	23			
		5	Very likely	62	20	457	15			
		Total		319	100	2,853	100			
10. If financial problems affected your progress in completing your undergraduate education, what actions did you take? (Check all that apply.)										
	CAL1410a	—	Took fewer units each term to reduce my tuition costs	50	16	344	13			
	CAL1410b	—	Took fewer units each term to work more hours	39	13	330	12			
	CAL1410c	—	Enrolled in community college courses to reduce costs	75	24	505	17			
	CAL1410d	—	Had to stop enrolling in any college courses to reduce my expenses	22	8	112	4			
	CAL1410e	—	Transferred from a more expensive institution to enroll at this institution	2	1	29	1			
	CAL1410f	—	Not applicable	182	58	1,895	68			

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to the Endnotes page for key to triangle symbols.
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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.”)	CAL1401a	1	Very little	62	9	655	10	2.9	2.8	.08
		2	Some	167	25	1,816	28			
		3	Quite a bit	245	36	2,313	35			
		4	Very much	207	30	1,860	28			
		Total		681	100	6,644	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.)	CAL1401b	1	Very little	31	5	318	5	3.1	3.1	.02
		2	Some	119	18	1,263	19			
		3	Quite a bit	277	41	2,575	39			
		4	Very much	252	37	2,477	37			
		Total		679	100	6,633	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.”)	CAL1401c	1	Very little	20	3	238	4	3.2	3.1	.05
		2	Some	107	16	1,150	18			
		3	Quite a bit	267	40	2,556	39			
		4	Very much	276	41	2,659	40			
		Total		670	100	6,603	100			
2. How important are the following experiences to your success at this institution?										
a. Ability to interact with faculty in class	CAL1402a	1	Not important	9	1	156	3	3.4	3.3 **	.12
		2	Slightly important	59	9	666	10			
		3	Important	234	34	2,452	37			
		4	Very important	382	55	3,381	50			
		Total		684	100	6,655	100			
b. Ability to interact with other students in class	CAL1402b	1	Not important	22	3	217	3	3.3	3.2	.06
		2	Slightly important	82	12	972	15			
		3	Important	265	39	2,524	38			
		4	Very important	313	46	2,914	44			
		Total		682	100	6,627	100			
c. Access to supplemental instruction/course problem solving sessions	CAL1402c	1	Not important	28	4	404	6	3.2	3.1 ***	.20
		2	Slightly important	83	12	1,218	19			
		3	Important	268	40	2,529	38			
		4	Very important	301	44	2,469	37			
		Total		680	100	6,620	100			
d. Access to free tutoring/writing assistance	CAL1402d	1	Not important	57	9	997	16	3.1	2.8 ***	.27
		2	Slightly important	123	19	1,572	24			
		3	Important	215	32	1,837	28			
		4	Very important	288	41	2,206	32			
		Total		683	100	6,612	100			
e. Peer networking with students in your class	CAL1402e	1	Not important	32	5	455	7	3.2	3.0 **	.13
		2	Slightly important	108	16	1,276	19			
		3	Important	256	38	2,363	36			
		4	Very important	283	42	2,523	38			
		Total		679	100	6,617	100			

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to the Endnotes page for key to triangle symbols.
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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	
f. Parental expectations for your success	CAL1402f	1	Not important	142	21	1,702	26	2.7	2.5 ***	.17 △
		2	Slightly important	122	18	1,368	21			
		3	Important	193	28	1,831	28			
		4	Very important	223	33	1,717	25			
		Total		680	100	6,618	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	CAL1403a	1	Less prepared	64	9	585	9	2.3	2.3	.01
		2	Equally prepared	363	53	3,551	53			
		3	More prepared	248	37	2,463	37			
		—	Not applicable	4	1	36	1			
		Total		679	100	6,635	100			
b. In your General Education classes	CAL1403b	1	Less prepared	48	7	592	9	2.3	2.3	-.02
		2	Equally prepared	358	53	3,116	47			
		3	More prepared	264	39	2,771	42			
		—	Not applicable	9	1	130	2			
		Total		679	100	6,609	100			
4. To what extent do you agree that you will graduate from this institution?										
	CAL1404	1	Strongly disagree	4	1	29	0	3.9	3.9	-.02
		2	Disagree	3	0	21	0			
		3	Agree	56	8	529	9			
		4	Strongly agree	608	90	5,976	91			
		Total		671	100	6,555	100			
5. To what extent do you feel the following?										
a. Safe on this campus	CAL1405a	1	Not at all	8	1	170	2	3.5	3.4 *	.08 △
		2	Very little	33	5	461	7			
		3	Some	284	41	2,631	39			
		4	Very much	352	53	3,306	51			
		—	Not applicable	3	1	51	1			
		Total		680	100	6,619	100			
b. A sense of community at this institution	CAL1405b	1	Not at all	83	12	546	9	2.7	2.8 ***	-.15 ▽
		2	Very little	161	24	1,493	22			
		3	Some	290	43	2,873	43			
		4	Very much	138	20	1,596	24			
		—	Not applicable	3	0	83	1			
		Total		675	100	6,591	100			

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to the Endnotes page for key to triangle symbols.
Note: For some items, lower scores may be preferable due to wording.

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
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.)										
	CAL1406a	—	For personal interest/enrichment	397	65	3,976	67			
	CAL1406b	—	For my job	80	14	732	13			
	CAL1406c	—	For professional development	190	31	1,860	32			
	CAL1406d	—	To maintain financial aid eligibility	165	27	1,517	25			
	CAL1406e	—	Thought it was required for General Education	109	18	1,320	22			
	CAL1406f	—	Thought it was required for my major	112	18	1,111	18			
	CAL1406g	—	My major faculty advisor suggested it	63	10	593	10			
	CAL1406h	—	My General Education advisor suggested it	29	5	338	6			
	CAL1406i	—	It was required for a change of major	37	6	438	7			
	CAL1406j	—	Could not get the classes that I wanted	206	34	1,950	32			
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.	CAL1407a	1	Hardly ever	30	5	337	5	2.8	2.9 **	-14 ▽
		2	Some of the time	192	29	1,677	25			
		3	Most of the time	274	41	2,623	40			
		4	Almost or nearly always	131	19	1,705	27			
		—	Not applicable (haven't tried to take any yet)	43	6	223	3			
			Total	670	100	6,565	100			
b. The major required courses have been available.	CAL1407b	1	Hardly ever	83	12	641	10	2.6	2.8 ***	-14 ▽
		2	Some of the time	220	33	1,982	30			
		3	Most of the time	226	34	2,196	34			
		4	Almost or nearly always	137	20	1,693	26			
		—	Not applicable (haven't tried to take any yet)	4	1	20	0			
			Total	670	100	6,532	100			
8. What was your primary reason for working for pay (either off or on campus)?										
	CAL1408	—	To gain knowledge/skills/experience	73	11	876	14			
		—	To earn extra spending money	28	4	436	7			
		—	To keep busy	6	1	59	1			
		—	To earn money for college expenses	169	24	1,210	18			
		—	To earn money for basic expenses	267	40	2,655	39			
		—	I don't work for pay	136	20	1,389	21			
			Total	679	100	6,625	100			

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to the Endnotes page for key to triangle symbols.
Note: For some items, lower scores may be preferable due to wording.

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?										
	CAL1409	1	Very unlikely	174	26	2,329	35	3.1	2.6 ***	.29 △
		2	Somewhat unlikely	76	11	995	15			
		3	Not sure	121	18	1,147	17			
		4	Somewhat likely	143	22	1,167	18			
		5	Very likely	165	23	979	15			
		Total		679	100	6,617	100			
10. If financial problems affected your progress in completing your undergraduate education, what actions did you take? (Check all that apply.)										
	CAL1410a	—	Took fewer units each term to reduce my tuition costs	126	19	835	13			
	CAL1410b	—	Took fewer units each term to work more hours	141	21	1,097	18			
	CAL1410c	—	Enrolled in community college courses to reduce costs	160	24	1,527	23			
	CAL1410d	—	Had to stop enrolling in any college courses to reduce my expenses	78	11	441	7			
	CAL1410e	—	Transferred from a more expensive institution to enroll at this institution	21	3	131	2			
	CAL1410f	—	Not applicable	343	51	3,806	59			

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to the Endnotes page for key to triangle symbols.
Note: For some items, lower scores may be preferable due to wording.

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			
								<i>Comparisons with:</i>		
CAL1401a	319	2.73	2.63	.05	.02	0.92	0.95	2,639	.077	.11
CAL1401b	319	3.04	2.94	.05	.02	0.84	0.85	2,639	.055	.11
CAL1401c	319	3.01	2.96	.05	.02	0.86	0.84	2,626	.300	.06
CAL1402a	321	3.33	3.30	.04	.02	0.72	0.74	2,652	.442	.05
CAL1402b	320	3.34	3.24	.04	.02	0.75	0.79	2,647	.023	.14
CAL1402c	318	3.25	3.19	.04	.02	0.76	0.80	2,636	.215	.07
CAL1402d	318	3.36	3.23	.04	.02	0.77	0.85	433	.005	.15
CAL1402e	319	3.19	3.12	.04	.02	0.76	0.86	439	.102	.09
CAL1402f	319	3.14	2.97	.05	.02	0.91	0.96	2,632	.003	.18
CAL1403a	237	1.98	2.04	.04	.01	0.62	0.65	2,198	.155	-.10
CAL1403b	311	2.18	2.18	.03	.01	0.53	0.61	429	.828	.01
CAL1404	316	3.49	3.56	.03	.01	0.58	0.62	2,601	.046	-.12
CAL1405a	314	3.53	3.45	.04	.01	0.63	0.68	417	.037	.12
CAL1405b	315	2.90	3.05	.05	.02	0.91	0.86	2,604	.004	-.17
CAL1407a	312	2.52	2.76	.05	.02	0.93	0.88	393	.000	-.27
CAL1407b	229	2.42	2.60	.06	.02	0.96	0.99	2,120	.010	-.18
CAL1409	314	3.42	3.13	.06	.03	1.09	1.24	2,629	.000	.24

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	
CAL1401a	681	2.87	2.80	.04	.01	0.95	0.96	6,776	.061	.08
CAL1401b	679	3.10	3.08	.03	.01	0.85	0.87	6,767	.601	.02
CAL1401c	670	3.18	3.14	.03	.01	0.81	0.84	6,727	.209	.05
CAL1402a	684	3.44	3.35	.03	.01	0.71	0.77	869	.002	.12
CAL1402b	682	3.27	3.22	.03	.01	0.80	0.82	6,762	.138	.06
CAL1402c	680	3.23	3.05	.03	.01	0.83	0.90	6,758	.000	.20
CAL1402d	683	3.05	2.77	.04	.01	0.97	1.07	878	.000	.27
CAL1402e	678	3.16	3.04	.03	.01	0.86	0.92	6,750	.002	.13
CAL1402f	679	2.71	2.53	.04	.01	1.13	1.13	6,750	.000	.17
CAL1403a	674	2.28	2.28	.02	.01	0.62	0.62	6,730	.889	.01
CAL1403b	670	2.32	2.33	.02	.01	0.61	0.64	845	.548	-.02
CAL1404	671	3.89	3.89	.01	.00	0.39	0.36	6,680	.603	-.02
CAL1405a	675	3.46	3.40	.02	.01	0.64	0.72	876	.031	.08
CAL1405b	671	2.71	2.84	.04	.01	0.93	0.90	816	.000	-.15
CAL1407a	627	2.80	2.92	.03	.01	0.82	0.85	6,454	.001	-.14
CAL1407b	665	2.62	2.75	.04	.01	0.95	0.95	6,641	.001	-.14
CAL1409	678	3.06	2.63	.06	.02	1.52	1.48	6,749	.000	.29

Endnotes

- a. Column percentages are weighted by gender 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 gender 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*.
- e. Statistics are weighted by gender 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 Ns due to weighting and whether equal variances were assumed.
- i. Statistical comparisons are two-tailed independent t-tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.

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.