



**National Survey
of Student Engagement**

California State University, Fresno

Means Comparison Report

August 2005

Interpreting the Means Comparison Report

Variables

The items from the NSSE survey appear in the left column in the same order and wording as they appear on the instrument. Responses set values are also provided to help you interpret the statistics.

Variable Names

The name of each variable appears in the second column for easy reference to your data file and the summary statistics at the end of this section.

Benchmark

Items that comprise the five “Benchmarks of Effective Educational Practice” are indicated by the following:

LAC=Level of Academic Challenge

ACL=Active and Collaborative Learning

SFI=Student-Faculty Interaction

EEE=Enriching Educational Experiences

SCE=Supportive Campus Environment

Mean

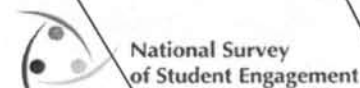
The mean is the arithmetic average of student responses on a particular item. Means are provided for your institution, selected peers or consortium, Carnegie classification, and for the NSSE 2005 national sample.

Class

Means are reported for first-year students (FY) and seniors (SR). If applicable, first-year and senior students that were part of an oversample are included in your institution’s data, but not in any of the comparison groups.

Statistical Significance

Items with mean differences that are larger than would be expected by chance alone are noted with one, two, or three asterisks, referring to three significance levels ($p < .05$, $p < .01$, and $p < .001$). The smaller the significance level, the smaller the likelihood that the difference is due to chance. *Please note that statistical significance does not guarantee that the result is substantive or important.* Large sample sizes (like those produced by NSSE) tend to produce more statistically significant results even though the magnitude of mean differences may be inconsequential. It is recommended to start by interpreting only those items with three asterisks ($p < .001$) and to consult effect sizes (see below) in order to make judgments about the practical meaning of the results.



NSSE 2005 Means Comparison Report
Nesseville University

Variable	Benchmark	Class	Nesseville		Nesseville compared with:							
			Mean	Std. Dev.	Selected Peers	Carnegie	NSSE 2005	Effect Size	Mean	Std. Dev.	Effect Size	
1. Academic and Intellectual Experiences												
a. Asked questions in class or contributed to class discussions	CLQUEST	ACL	FY	2.70	2.70	2.74	2.86	***	-.19			
			SR	2.95	3.06	3.08	3.16	**	-.26			
b. Made a class presentation	CLPRESEN	ACL	FY	1.98	2.23 ***	-0.32	2.23	***	-.33	2.28	***	-.38
			SR	2.85	2.79	2.83	2.88					
c. Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP	SCE	FY	2.66	2.74	2.69	2.65					
			SR	2.65	2.56	2.52	2.51	*	.15			
d. Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT	SCE	FY	3.15	3.07	3.06 *	3.08					
			SR	3.39	3.32	3.34	3.37					
e. Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	DIVCLASS	SCE	FY	2.74	2.74	2.75	2.77					
			SR	2.65	2.74	2.76	2.83	**	-.21			
f. Come to class without completing readings or assignments	CLUNPREP	SCE	FY	2.15	2.07	2.06 *	2.03	**	.16			
			SR	2.21	2.10	2.10	2.08	*	.17			

Effect Size

Effect size indicates the “practical significance” of the mean difference. It is calculated by dividing the mean difference by the standard deviation of the group with which the institution is being compared (consortium, Carnegie type, or NSSE 2005). In practice, an effect size of .2 is often considered small, .5 moderate, and .8 large. A positive sign indicates that your institution’s mean was greater, thus showing

an affirmative result for the institution. A negative sign indicates the institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention. An exception to this interpretation is the “coming to class unprepared” item (item 1f.) where a negative sign is preferred (i.e., meaning fewer students reporting coming to class unprepared).



Fresno State	Fresno State compared with:											
	California State			Master's			NSSE 2005					
Variable	Benchmark	Class	Mean	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b

In your experience at your institution during the current school year, about how often have you done each of the following? 1=never, 2=sometimes, 3=often, 4=very often

1. Academic and Intellectual Experiences

a.	Asked questions in class or contributed to class discussions	CLQUEST	ACL	FY	2.49	2.64	***	-.19	2.84	***	-.42	2.86	***	-.44
				SR	2.85	2.93			3.15	***	-.37	3.16	***	-.37
b.	Made a class presentation	CLPRESEN	ACL	FY	2.40	2.50	*	-.12	2.30	**	.13	2.28	***	.16
				SR	2.79	2.91	**	-.14	2.93	***	-.17	2.88	**	-.11
c.	Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP		FY	2.73	2.73			2.69			2.65	*	.08
				SR	2.54	2.56			2.55			2.51		
d.	Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT		FY	3.10	3.03			3.08			3.08		
				SR	3.31	3.43	***	-.17	3.36			3.37		
e.	Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	DIVCLASS		FY	2.77	2.77			2.75			2.77		
				SR	2.84	2.82			2.83			2.83		
f.	Come to class without completing readings or assignments	CLUNPREP		FY	2.18	2.11			2.01	***	.22	2.03	***	.20
				SR	2.25	2.15	**	.14	2.05	***	.28	2.08	***	.23
g.	Worked with other students on projects during class	CLASSGRP	ACL	FY	2.56	2.50			2.42	***	.17	2.40	***	.19
				SR	2.50	2.66	***	-.20	2.58	*	-.09	2.52		
h.	Worked with classmates outside of class to prepare class assignments	OCCGRP	ACL	FY	2.35	2.35			2.39			2.43	*	-.09
				SR	2.68	2.81	**	-.15	2.76	*	-.09	2.77	*	-.10
i.	Put together ideas or concepts from different courses when completing assignments or during class discussions	INTIDEAS		FY	2.52	2.52			2.54			2.57		
				SR	2.81	2.92	**	-.14	2.91	**	-.13	2.93	***	-.15
j.	Tutored or taught other students (paid or voluntary)	TUTOR	ACL	FY	1.69	1.64			1.68			1.72		
				SR	1.89	1.84			1.90			1.94		
k.	Participated in a community-based project (e.g. service learning) as part of a regular course	COMMPROJ	ACL	FY	1.74	1.45	***	.38	1.56	***	.22	1.54	***	.25
				SR	1.88	1.79	*	.10	1.80	*	.09	1.76	**	.13

** p<.05 ** p<.01 ***p<.001 (2-tailed).

^b Effect size = mean difference divided by comparison group standard deviation.



				Fresno State compared with:											
				Fresno State			California State			Master's			NSSE 2005		
				Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b
	Variable	Benchmark	Class												
i.	Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment	ITACADEM	EEE	FY	2.53										
				SR	2.89										
m.	Used e-mail to communicate with an instructor	EMAIL		FY	2.81										
				SR	3.16										
n.	Discussed grades or assignments with an instructor	FACGRADE	SFI	FY	2.45										
				SR	2.67										
o.	Talked about career plans with a faculty member or advisor	FACPLANS	SFI	FY	1.96										
				SR	2.30		*	.11							
p.	Discussed ideas from your readings or classes with faculty members outside of class	FACIDEAS	SFI	FY	1.73										
				SR	1.97										
q.	Received prompt feedback from faculty on your academic performance (written or oral)	FACFEED	SFI	FY	2.53										
				SR	2.72		*	-.13							
r.	Worked harder than you thought you could to meet an instructor's standards or expectations	WORKHARD	LAC	FY	2.53										
				SR	2.63										
s.	Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	FACOTHER	SFI	FY	1.54										
				SR	1.68										
t.	Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	OOCIDEAS	ACL	FY	2.61										
				SR	2.86										
u.	Had serious conversations with students of a different race or ethnicity than your own	DIVRSTUD	EEE	FY	2.63										
				SR	2.86		*	.12							
v.	Had serious conversations with students who are very different from you in terms of their religious beliefs, political opinions, or personal values	DIFFSTU2	EEE	FY	2.60										
				SR	2.77		*	-.11							

^a * p<.05 ** p<.01 ***p<.001 (2-tailed).

^b Effect size = mean difference divided by comparison group standard deviation.

NSSE 2005 Means Comparison Report
California State University, Fresno

Fresno State	Fresno State compared with:											
	California State			Master's			NSSE 2005					
Variable	Bench- mark	Class	Mean	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b

During the current school year, how much has your coursework emphasized the following mental activities?
1=very little, 2=some, 3=quite a bit, 4=very much

2. Mental Activities

a.	Memorizing facts, ideas, or methods from your courses and readings so you can repeat them in pretty much the same form	MEMORIZE		FY	2.80	2.88		2.90	**	-.11	2.85			
				SR	2.80	2.76		2.75			2.70	**	.11	
b.	Analyzing the basic elements of an idea, experience, or theory, such as examining a particular case or situation in depth and considering its components	ANALYZE	LAC	FY	2.91	3.03	**	-0.16	3.04	***	-.16	3.09	***	-.23
				SR	3.13	3.28	***	-.20	3.22	**	-.11	3.24	***	-.15
c.	Synthesizing and organizing ideas, information, or experiences into new, more complex interpretations and relationships	SYNTHESZ	LAC	FY	2.66	2.79	**	-.16	2.81	***	-.19	2.87	***	-.25
				SR	2.90	3.02	**	-.14	3.03	***	-.16	3.06	***	-.19
d.	Making judgments about the value of information, arguments, or methods, such as examining how others gathered and interpreted data and assessing the soundness of their conclusions	EVALUATE	LAC	FY	2.78	2.80			2.82			2.84		
				SR	2.87	2.94			2.97	**	-.11	2.99	**	-.13
e.	Applying theories or concepts to practical problems or in new situations	APPLYING	LAC	FY	2.84	2.95	*	-.12	2.96	**	-.13	2.99	***	-.17
				SR	3.06	3.14			3.20	***	-.17	3.19	***	-.16

During the current school year, about how much reading and writing have you done?
1=none, 2=between 1 and 4, 3=between 5 and 10, 4=between 11 and 20, 5=more than 20

3. Reading and Writing

a.	Number of assigned textbooks, books, or book-length packs of course readings	READASGN	LAC	FY	2.97	3.11	**	-.16	3.23	***	-.27	3.31	***	-.36
				SR	2.98	3.16	***	-.18	3.14	***	-.15	3.22	***	-.23
b.	Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	READOWN		FY	2.10	2.01	*	.11	2.07			2.08		
				SR	2.19	2.13			2.21			2.22		
c.	Number of written papers or reports of 20 pages or more	WRITEMOR	LAC	FY	1.26	1.26			1.25			1.25		
				SR	1.58	1.70	**	-.15	1.65	*	-.09	1.68	**	-.13
d.	Number of written papers or reports between 5 and 19 pages	WRITEMID	LAC	FY	2.41	2.27	**	.15	2.36			2.40		
				SR	2.62	2.72	*	-.11	2.63			2.68		
e.	Number of written papers or reports of fewer than 5 pages	WRITESML	LAC	FY	2.81	3.02	***	-.21	3.20	***	-.37	3.21	***	-.38
				SR	2.98	3.14	**	-.14	3.12	**	-.11	3.13	**	-.13

^a * p<.05 ** p<.01 ***p<.001 (2-tailed).

^b Effect size = mean difference divided by comparison group standard deviation.



				Fresno State	Fresno State compared with:							
					California State		Master's		NSSE 2005			
Variable	Benchmark	Class	Mean	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b
<p>4. Problem Sets</p> <p><i>In a typical week, how many homework problem sets do you complete? 1=none, 2=1-2, 3=3-4, 4=5-6, 5=more than 6</i></p>												
a.	Number of problem sets that take you more than an hour to complete	PROBSETA	FY	2.69	2.71		2.54	***	.14	2.56	**	.12
			SR	2.66	2.66		2.53	**	.11	2.51	**	.13
b.	Number of problem sets that take you less than an hour to complete	PROBSETB	FY	2.69	2.72		2.75			2.69		
			SR	2.42	2.31		2.40			2.33		
<p>5. Examinations</p> <p><i>1=very little to 7=very much</i></p>												
	To what extent have your examinations during the current school year challenged you to do your best work?	EXAMS	FY	5.25	5.32		5.40	**	-.13	5.46	***	-.18
			SR	5.41	5.42		5.46			5.44		
<p>6. Additional Collegiate Experiences</p> <p><i>During the current school year, about how often have you done each of the following? 1=never, 2=sometimes, 3=often, 4=very often</i></p>												
a.	Attended an art exhibit, gallery, play, dance, or other theatre performance	ATDART05	FY	2.00	1.96		2.15	***	-.16	2.17	***	-.19
			SR	1.92	1.98		2.03	**	-.11	2.08	***	-.18
b.	Exercised or participated in physical fitness activities	EXRCSE05	FY	2.57	2.65		2.76	***	-.18	2.84	***	-.26
			SR	2.66	2.65		2.65			2.74		
c.	Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.)	WORSHP05	FY	1.92	1.85		2.16	***	-.21	2.16	***	-.21
			SR	2.22	2.01	***	2.26		.19	2.23		
d.	Examined the strengths and weaknesses of your own views on a topic or issue	OWNVIEW	FY	2.43	2.46		2.56	***	-.15	2.62	***	-.21
			SR	2.63	2.62		2.70			2.73	**	-.11
e.	Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	OTHRVIEW	FY	2.70	2.66		2.73			2.77	*	-.08
			SR	2.86	2.82		2.84			2.86		
f.	Learned something that changed the way you understand an issue or concept	CHNGVIEW	FY	2.69	2.70		2.77	*	-.09	2.80	**	-.13
			SR	2.86	2.84		2.85			2.88		
<p>7. Enriching Educational Experiences</p> <p><i>Which of the following have you done or do you plan to do before you graduate from your institution? (Recorded: 0=have not decided, do not plan to do, plan to do; 1=done. Thus, the mean is the proportion responding "done" among all valid respondents.)</i></p>												
a.	Practicum, internship, field experience, co-op experience, or clinical assignment	INTERN04	EEE	FY	.08	.06	.08			.09		
			SR	.44	.48		.56	***	-.25	.58	***	-.29

^a * p<.05 ** p<.01 ***p<.001 (2-tailed).

^b Effect size = mean difference divided by comparison group standard deviation.



				Fresno State	Fresno State compared with:										
					California State			Master's			NSSE 2005				
Variable				Bench- mark	Class	Mean	Mean	Sig. ^a	Effect Size ^b	Mean	Sig. ^a	Effect Size ^b	Mean	Sig. ^a	Effect Size ^b
b.	Community service or volunteer work	VOLNTR04	EEE	FY	.50	.30	***	.41	.40	***	.19	.42	***	.15	
					SR	.60	.55	*	.11	.62			.64		
c.	Participate in a learning community or some other formal program where groups of students take two or more classes together	LRNCOM04		FY	.15	.17			.16			.15			
					SR	.22	.23			.27	**	-.13	.27	**	-.11
d.	Work on a research project with a faculty member outside of course or program requirements	RESRCH04	SFI	FY	.05	.03	*	.13	.05			.05			
					SR	.14	.16			.18	**	-.11	.21	***	-.17
e.	Foreign language coursework	FORLNG04	EEE	FY	.20	.18			.21			.25	**	-.12	
					SR	.37	.48	***	-.21	.41			.46	***	-.17
f.	Study abroad	STDABR04	EEE	FY	.03	.02			.02			.02			
					SR	.10	.09			.13	**	-.10	.18	***	-.21
g.	Independent study or self-designed major	INDSTD04	EEE	FY	.06	.02	***	.26	.03	**	.17	.03	**	.15	
					SR	.13	.13			.20	***	-.18	.23	***	-.24
h.	Culminating senior experience (capstone course, thesis, project, comprehensive exam, etc.)	SNRX04	EEE	FY	.02	.01			.01			.02			
					SR	.27	.32	*	-.12	.34	***	-.16	.38	***	-.23

Mark the box that best represents the quality of your relationships with people at your institution.

1=unfriendly, unsupportive, sense of alienation to 7=friendly, supportive, sense of belonging

8. Quality of Relationships

a.	Relationships with other students	ENVSTU	SCE	FY	5.39	5.44			5.54	**	-.12	5.56	**	-.13
					SR	5.50	5.58			5.70	***	-.16	5.68	***
<i>1=unavailable, unhelpful, unsympathetic to 7=available, helpful, sympathetic</i>														
b.	Relationships with faculty members	ENVFAC	SCE	FY	4.89	5.14	***	-.20	5.35	***	-.37	5.36	***	-.37
					SR	5.24	5.35			5.67	***	-.34	5.64	***
<i>1=unhelpful, inconsiderate, rigid to 7=helpful, considerate, flexible</i>														
c.	Relationships with administrative personnel and offices	ENVADM	SCE	FY	4.39	4.49			4.76	***	-.25	4.76	***	-.25
					SR	4.31	4.41			4.67	***	-.22	4.63	***

^a * p<.05 ** p<.01 ***p<.001 (2-tailed).

^b Effect size = mean difference divided by comparison group standard deviation.



Fresno State	Fresno State compared with:											
	California State			Master's			NSSE 2005					
Variable	Benchmark	Class	Mean	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b

About how many hours do you spend in a typical 7-day week doing each of the following?

1=0 hrs/wk, 2=1-5 hrs/wk, 3=6-10 hrs/wk, 4=11-15 hrs/wk, 5=16-20 hrs/wk, 6=21-25 hrs/wk, 7=26-30 hrs/wk, 8=more than 30 hrs/wk

9. Time Usage

a.	Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	ACADPR01	LAC	FY	3.52	3.87	***	-.22	3.85	***	-.20	4.05	***	-.32
				SR	3.80	4.23	***	-.24	3.94	*	-.08	4.09	***	-.17
b.	Working for pay on campus	WORKON01		FY	1.44	1.34			1.61	**	-.14	1.66	***	-.17
				SR	1.50	1.55			1.80	***	-.20	1.90	***	-.26
c.	Working for pay off campus	WORKOF01		FY	3.18	2.63	***	.24	2.52	***	.28	2.27	***	.42
				SR	4.54	4.02	***	.19	3.85	***	.25	3.50	***	.38
d.	Participating in co-curricular activities (organizations, campus publications, student government, social fraternity or sorority, intercollegiate or intramural sports, etc.)	COCURR01	EEE	FY	1.89	1.84			2.18	***	-.19	2.31	***	-.27
				SR	1.81	1.75			2.04	***	-.15	2.19	***	-.24
e.	Relaxing and socializing (watching TV, partying, etc.)	SOCIAL05		FY	3.25	3.70	***	-.26	3.65	***	-.24	3.63	***	-.23
				SR	3.12	3.38	***	-.16	3.30	**	-.12	3.36	***	-.15
f.	Providing care for dependents living with you (parents, children, spouse, etc.)	CAREDE01		FY	1.98	1.62	***	.27	1.74	***	.14	1.62	***	.23
				SR	2.84	2.54	*	.12	2.52	**	.13	2.29	***	.24
g.	Commuting to class (driving, walking, etc.)	COMMUTE		FY	2.54	2.28	***	.25	2.18	***	.33	2.14	***	.38
				SR	2.53	2.54			2.40	**	.12	2.31	***	.20

To what extent does your institution emphasize each of the following?

1=very little, 2=some, 3=quite a bit, 4=very much

10. Institutional Environment

a.	Spending significant amounts of time studying and on academic work	ENVSCHOL	LAC	FY	2.96	3.07	*	-.14	3.07	***	-.15	3.13	***	-.22
				SR	3.06	3.16	*	-.13	3.08			3.14	*	-.10
b.	Providing the support you need to help you succeed academically	ENVSUPRT	SCE	FY	2.81	2.89			3.03	***	-.28	3.07	***	-.32
				SR	2.71	2.81	*	-.12	2.95	***	-.29	2.97	***	-.31
c.	Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	ENVDIVRS	EEE	FY	2.46	2.53			2.57	**	-.12	2.60	***	-.14
				SR	2.46	2.38			2.42			2.42		

^a * p<.05 ** p<.01 *** p<.001 (2-tailed).

^b Effect size = mean difference divided by comparison group standard deviation.



Variable	Benchmark	Class	Fresno State compared with:												
			Fresno State			California State			Master's			NSSE 2005			
			Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	
d. Helping you cope with your non-academic responsibilities (work, family, etc.)	ENVNACAD	SCE	FY	2.04			2.00			2.16	**	-.13	2.17	**	-.14
			SR	1.82			1.75			1.96	***	-.15	1.97	***	-.16
e. Providing the support you need to thrive socially	ENVSOCAL	SCE	FY	2.23			2.22			2.37	***	-.16	2.38	***	-.17
			SR	1.99			1.98			2.17	***	-.19	2.17	***	-.19
f. Attending campus events and activities (special speakers, cultural performances, athletic events, etc.)	ENVEVENT		FY	2.44			2.51			2.79	***	-.38	2.84	***	-.44
			SR	2.43			2.39			2.57	***	-.14	2.63	***	-.21
g. Using computers in academic work	ENVCOMPT		FY	3.28			3.25			3.28			3.32		
			SR	3.46			3.47			3.44			3.46		

To what extent has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

1=very little, 2=some, 3=quite a bit, 4=very much

11. Educational and Personal Growth

a. Acquiring a broad general education	GNGENLED		FY	3.01			3.02			3.15	***	-.18	3.18	***	-.21
			SR	3.19			3.22			3.31	***	-.15	3.33	***	-.18
b. Acquiring job or work-related knowledge and skills	GNWORK		FY	2.55			2.61			2.73	***	-.19	2.72	***	-.18
			SR	2.96			2.96			3.10	***	-.15	3.04	*	-.08
c. Writing clearly and effectively	GNWRITE		FY	2.90			2.87			3.00	**	-.11	3.00	**	-.11
			SR	3.06			3.07			3.12			3.14	*	-.10
d. Speaking clearly and effectively	GNSPEAK		FY	2.87			2.84			2.81			2.78	*	.10
			SR	2.95			2.95			3.05	*	-.11	3.03	*	-.09
e. Thinking critically and analytically	GNANALY		FY	3.04			3.06			3.14	**	-.13	3.18	***	-.18
			SR	3.25			3.30			3.34	**	-.11	3.37	***	-.16
f. Analyzing quantitative problems	GNQUANT		FY	2.80			2.82			2.81			2.84		
			SR	3.00			3.03			3.01			3.01		
g. Using computing and information technology	GNCMPTS		FY	2.85			2.93			2.96	**	-.12	2.96	**	-.13
			SR	3.17			3.23			3.20			3.18		
h. Working effectively with others	GNOTHERS		FY	2.91			2.85			2.96			2.95		
			SR	3.07			3.13			3.20	***	-.16	3.18	***	-.14

^a * p<.05 ** p<.01 ***p<.001 (2-tailed).

^b Effect size = mean difference divided by comparison group standard deviation.



National Survey
of Student Engagement

NSSE 2005 Means Comparison Report
California State University, Fresno

				Fresno State compared with:										
				Fresno State			California State			Master's		NSSE 2005		
	Variable	Bench- mark	Class	Mean	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	
i.	Voting in local, state, or national elections	GNCITIZN	FY	2.34	2.44			2.45	*	-.10	2.49	**	-.13	
			SR	2.18	2.24			2.29	*	-.10	2.31	**	-.12	
j.	Learning effectively on your own	GNINQ	FY	2.76	2.79			2.89	**	-.15	2.93	***	-.19	
			SR	2.83	2.99	***	-.18	3.04	***	-.25	3.07	***	-.28	
k.	Understanding yourself	GNSSELF	FY	2.66	2.61			2.76	*	-.11	2.77	**	-.12	
			SR	2.69	2.72			2.85	***	-.16	2.88	***	-.19	
l.	Understanding people of other racial and ethnic backgrounds	GNDIVERS	FY	2.62	2.55			2.58			2.59			
			SR	2.78	2.64	**	.14	2.61	***	.17	2.60	***	.18	
m.	Solving complex real-world problems	GNPROBSV	FY	2.53	2.52			2.55			2.58			
			SR	2.63	2.72			2.72	*	-.10	2.72	*	-.10	
n.	Developing a personal code of values and ethics	GNETHICS	FY	2.42	2.45			2.62	***	-.20	2.64	***	-.22	
			SR	2.55	2.53			2.73	***	-.17	2.74	***	-.18	
o.	Contributing to the welfare of your community	GNCOMMUN	FY	2.18	2.21			2.41	***	-.23	2.43	***	-.25	
			SR	2.37	2.30			2.49	**	-.12	2.50	**	-.12	
p.	Developing a deepened sense of spirituality	GNSPIRIT	FY	1.97	1.88			2.19	***	-.21	2.15	***	-.17	
			SR	1.83	1.73			2.09	***	-.23	2.04	***	-.19	

12. Academic Advising

1=poor, 2=fair, 3=good, 4=excellent

Overall, how would you evaluate the quality of academic advising you have received at your institution?	ADVISE		FY	2.80	2.85			2.99	***	-.23	3.00	***	-.24
			SR	2.76	2.74			2.92	***	-.18	2.94	***	-.20

13. Satisfaction

1=poor, 2=fair, 3=good, 4=excellent

How would you evaluate your entire educational experience at this institution?	ENTIREXP		FY	2.98	3.12	***	-.22	3.18	***	-.30	3.22	***	-.34
			SR	3.04	3.12	*	-.11	3.24	***	-.29	3.27	***	-.32

14.

1=definitely no, 2=probably no, 3=probably yes, 4=definitely yes

If you could start over again, would you go to the same institution you are now attending?	SAMECOLL		FY	3.12	3.16			3.20	*	-.09	3.22	**	-.12
			SR	3.06	3.18	**	-.14	3.19	***	-.15	3.19	***	-.16

IPEDS: 110556

^a * p<.05 ** p<.01 *** p<.001 (2-tailed).

^b Effect size = mean difference divided by comparison group standard deviation.



	Mean				Standard Error of the Mean ^a				Standard deviation ^b				Number of respondents				Significance ^c			Effect size ^d		
	Fresno State		California State		Fresno State		California State		Fresno State		California State		Fresno State		California State		Fresno State compared with:			Fresno State compared with:		
	Fresno State	California State	Master's	NSSE 2005	Fresno State	California State	Master's	NSSE 2005	Fresno State	California State	Master's	NSSE 2005	Fresno State	California State	Master's	NSSE 2005	California State	Master's	NSSE 2005	California State	Master's	NSSE 2005
CLQUEST	2.49	2.64	2.84	2.86	.03	.03	.01	.00	.80	.80	.84	.84	648	944	19,802	47,860	.000	.000	.000	-.19	-.42	-.44
CLPRESEN	2.40	2.50	2.30	2.28	.03	.03	.01	.00	.77	.80	.78	.78	649	944	19,796	47,842	.014	.001	.000	-.12	.13	.16
REWROPAP	2.73	2.73	2.69	2.65	.04	.03	.01	.00	.93	.97	.97	.98	648	943	19,787	47,803	.894	.354	.041	-.01	.04	.08
INTEGRAT	3.10	3.03	3.08	3.08	.03	.03	.01	.00	.76	.77	.77	.78	648	944	19,780	47,805	.054	.469	.410	.10	.03	.03
DIVCLASS	2.77	2.77	2.75	2.77	.03	.03	.01	.00	.85	.91	.86	.87	649	942	19,779	47,792	.938	.653	.929	.00	.02	.00
CLUNPREP	2.18	2.11	2.01	2.03	.03	.02	.01	.00	.80	.74	.74	.74	648	940	19,758	47,757	.103	.000	.000	.09	.22	.20
CLASSGRP	2.56	2.50	2.42	2.40	.03	.03	.01	.00	.83	.80	.81	.82	648	943	19,795	47,819	.151	.000	.000	.07	.17	.19
OCCGRP	2.35	2.35	2.39	2.43	.03	.03	.01	.00	.87	.81	.85	.84	649	944	19,795	47,832	.911	.326	.027	.01	-.04	-.09
INTIDEAS	2.52	2.52	2.54	2.57	.03	.03	.01	.00	.80	.77	.79	.80	622	911	19,002	45,928	.969	.504	.111	.00	-.03	-.06
TUTOR	1.69	1.64	1.68	1.72	.03	.03	.01	.00	.86	.81	.83	.84	622	913	19,012	45,952	.267	.863	.346	.06	.01	-.04
COMMPROJ	1.74	1.45	1.56	1.54	.03	.02	.01	.00	.87	.75	.82	.81	621	912	19,008	45,936	.000	.000	.000	.38	.22	.25
ITACADEM	2.53	2.55	2.57	2.61	.04	.03	.01	.00	1.05	1.04	1.05	1.05	621	912	19,012	45,958	.771	.395	.071	-.02	-.03	-.07
EMAIL	2.81	2.89	3.01	3.06	.03	.03	.01	.00	.84	.88	.85	.85	621	912	19,007	45,947	.103	.000	.000	-.08	-.23	-.29
FACGRADE	2.45	2.47	2.62	2.62	.03	.03	.01	.00	.82	.84	.86	.86	621	910	19,010	45,942	.601	.000	.000	-.03	-.19	-.20
FACPLANS	1.96	1.91	2.18	2.17	.03	.03	.01	.00	.86	.84	.89	.89	621	912	19,011	45,949	.223	.000	.000	.06	-.25	-.23
FACIDEAS	1.73	1.71	1.82	1.86	.03	.03	.01	.00	.82	.79	.86	.86	620	912	19,012	45,938	.666	.005	.000	.02	-.11	-.15
FACFEED	2.53	2.63	2.73	2.76	.03	.03	.01	.00	.78	.80	.80	.80	610	910	18,822	45,491	.013	.000	.000	-.13	-.25	-.29
WORKHARD	2.53	2.54	2.64	2.63	.03	.03	.01	.00	.79	.82	.83	.84	610	909	18,818	45,495	.842	.001	.001	-.01	-.13	-.12
FACOTHER	1.54	1.47	1.62	1.63	.03	.03	.01	.00	.76	.78	.84	.84	610	910	18,819	45,485	.111	.009	.002	.08	-.10	-.11
OOCIDEAS	2.61	2.67	2.69	2.73	.03	.03	.01	.00	.84	.85	.86	.86	608	910	18,814	45,484	.200	.029	.001	-.07	-.09	-.14
DIVRSTUD	2.63	2.64	2.52	2.60	.04	.03	.01	.00	.98	1.01	1.01	1.02	609	910	18,810	45,470	.773	.012	.508	-.01	.10	.03
DIFFSTU2	2.60	2.71	2.70	2.77	.04	.03	.01	.00	1.00	.97	.97	.97	608	909	18,813	45,479	.035	.008	.000	-.11	-.11	-.18
MEMORIZE	2.80	2.88	2.90	2.85	.03	.03	.01	.00	.86	.86	.87	.88	607	897	18,715	45,201	.089	.010	.183	-.09	-.11	-.05
ANALYZE	2.91	3.03	3.04	3.09	.03	.03	.01	.00	.82	.76	.79	.78	605	896	18,705	45,173	.003	.000	.000	-.16	-.16	-.23
SYNTHESZ	2.66	2.79	2.81	2.87	.04	.03	.01	.00	.88	.82	.84	.84	606	895	18,691	45,153	.003	.000	.000	-.16	-.19	-.25
EVALUATE	2.78	2.80	2.82	2.84	.04	.03	.01	.00	.90	.86	.85	.85	607	895	18,694	45,169	.732	.269	.122	-.02	-.05	-.07
APPLYING	2.84	2.95	2.96	2.99	.04	.03	.01	.00	.89	.84	.85	.85	606	896	18,703	45,179	.024	.002	.000	-.12	-.13	-.17
READASGN	2.97	3.11	3.23	3.31	.04	.03	.01	.00	.88	.90	.96	.97	605	897	18,610	44,998	.002	.000	.000	-.16	-.27	-.36

^a The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the sample mean.

^b Standard deviation is a measure of the average amount the individual scores deviate from the mean of all the scores in the distribution.

^c This statistic represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

^d Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the standard deviation of the comparison group.



	Mean				Standard Error of the Mean ^a				Standard deviation ^b				Number of respondents				Significance ^c			Effect size ^d		
	Fresno State	California State	Master's	NSSE 2005	Fresno State	California State	Master's	NSSE 2005	Fresno State	California State	Master's	NSSE 2005	Fresno State	California State	Master's	NSSE 2005	Fresno State compared with:			Fresno State compared with:		
																	California State	Master's	NSSE 2005	California State	Master's	NSSE 2005
READOWN	2.10	2.01	2.07	2.08	.04	.03	.01	.00	.88	.86	.92	.91	603	897	18,613	44,995	.034	.348	.497	.11	.04	.03
WRITEMOR	1.26	1.26	1.25	1.25	.02	.02	.00	.00	.60	.69	.64	.63	604	896	18,614	44,983	.964	.680	.523	.00	.02	.03
WRITEMID	2.41	2.27	2.36	2.40	.03	.03	.01	.00	.76	.90	.87	.87	604	898	18,618	44,994	.001	.100	.663	.15	.06	.02
WRITESML	2.81	3.02	3.20	3.21	.04	.03	.01	.01	1.05	1.01	1.07	1.06	605	897	18,622	45,008	.000	.000	.000	-.21	-.37	-.38
PROBSETA	2.69	2.71	2.54	2.56	.04	.04	.01	.01	1.09	1.12	1.08	1.11	599	891	18,495	44,741	.651	.001	.004	-.02	.14	.12
PROBSETB	2.69	2.72	2.75	2.69	.05	.04	.01	.01	1.13	1.21	1.19	1.20	597	891	18,486	44,704	.633	.196	.867	-.02	-.05	-.01
EXAMS	5.25	5.32	5.40	5.46	.05	.04	.01	.01	1.16	1.11	1.13	1.13	601	893	18,554	44,880	.283	.002	.000	-.06	-.13	-.18
ATDART05	2.00	1.96	2.15	2.17	.04	.03	.01	.00	.88	.82	.89	.90	592	887	18,431	44,575	.380	.000	.000	.05	-.16	-.19
EXRCSE05	2.57	2.65	2.76	2.84	.04	.04	.01	.00	1.05	1.06	1.05	1.04	591	887	18,423	44,552	.148	.000	.000	-.08	-.18	-.26
WORSHP05	1.92	1.85	2.16	2.16	.04	.03	.01	.01	1.03	1.03	1.12	1.11	591	886	18,427	44,555	.178	.000	.000	.07	-.21	-.21
OWNVIEW	2.43	2.46	2.56	2.62	.04	.03	.01	.00	.85	.88	.88	.88	592	886	18,421	44,554	.537	.000	.000	-.03	-.15	-.21
OTHRVIEW	2.70	2.66	2.73	2.77	.03	.03	.01	.00	.83	.86	.85	.84	592	887	18,431	44,566	.332	.434	.043	.05	-.03	-.08
CHNGVIEW	2.69	2.70	2.77	2.80	.03	.03	.01	.00	.82	.83	.82	.82	592	887	18,422	44,553	.976	.038	.001	.00	-.09	-.13
INTERN04	.08	.06	.08	.09	.01	.01	.00	.00	.27	.24	.27	.28	581	881	18,232	44,064	.135	.912	.687	.09	.00	-.02
VOLNTR04	.50	.30	.40	.42	.02	.02	.00	.00	.50	.46	.49	.49	581	879	18,220	44,036	.000	.000	.000	.41	.19	.15
LRNCOM04	.15	.17	.16	.15	.01	.01	.00	.00	.36	.38	.37	.36	581	879	18,209	44,023	.274	.658	.876	-.06	-.02	.01
RESRCH04	.05	.03	.05	.05	.01	.01	.00	.00	.22	.17	.21	.21	581	878	18,217	44,034	.042	.458	.468	.13	.03	.03
FORLNG04	.20	.18	.21	.25	.02	.01	.00	.00	.40	.38	.41	.43	580	879	18,229	44,045	.346	.365	.001	.05	-.04	-.12
STDABR04	.03	.02	.02	.02	.01	.00	.00	.00	.17	.14	.15	.15	581	877	18,219	44,029	.240	.389	.390	.07	.04	.04
INDSTD04	.06	.02	.03	.03	.01	.00	.00	.00	.23	.14	.17	.17	580	878	18,214	44,020	.001	.003	.006	.26	.17	.15
SNRX04	.02	.01	.01	.02	.01	.00	.00	.00	.14	.09	.12	.12	579	879	18,220	44,026	.086	.328	.446	.12	.04	.03
ENVSTU	5.39	5.44	5.54	5.56	.05	.04	.01	.01	1.30	1.30	1.34	1.34	579	879	18,210	44,023	.439	.006	.002	-.04	-.12	-.13
ENVFAC	4.89	5.14	5.35	5.36	.06	.04	.01	.01	1.34	1.27	1.26	1.26	578	879	18,215	44,023	.000	.000	.000	-.20	-.37	-.37
ENVADM	4.39	4.49	4.76	4.76	.06	.05	.01	.01	1.53	1.50	1.51	1.51	579	877	18,199	43,981	.203	.000	.000	-.07	-.25	-.25
ACADPR01	3.52	3.87	3.85	4.05	.06	.05	.01	.01	1.51	1.59	1.60	1.66	573	868	18,071	43,672	.000	.000	.000	-.22	-.20	-.32
WORKON01	1.44	1.34	1.61	1.66	.05	.03	.01	.01	1.23	1.00	1.23	1.29	574	867	18,079	43,679	.127	.002	.000	.09	-.14	-.17
WORKOF01	3.18	2.63	2.52	2.27	.10	.08	.02	.01	2.42	2.30	2.30	2.16	574	868	18,076	43,653	.000	.000	.000	.24	.28	.42
COCURR01	1.89	1.84	2.18	2.31	.06	.04	.01	.01	1.37	1.27	1.50	1.54	573	869	18,076	43,658	.433	.000	.000	.04	-.19	-.27

^a The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the sample mean.

^b Standard deviation is a measure of the average amount the individual scores deviate from the mean of all the scores in the distribution.

^c This statistic represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

^d Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the standard deviation of the comparison group.



California State University, Fresno
First-Year Students

	Mean				Standard Error of the Mean ^a				Standard deviation ^b				Number of respondents				Significance ^c			Effect size ^d		
	Fresno State	California State	Master's	NSSE 2005	Fresno State	California State	Master's	NSSE 2005	Fresno State	California State	Master's	NSSE 2005	Fresno State	California State	Master's	NSSE 2005	Fresno State compared with:			Fresno State compared with:		
																	California State	Master's	NSSE 2005	California State	Master's	NSSE 2005
SOCIAL05	3.25	3.70	3.65	3.63	.06	.06	.01	.01	1.48	1.73	1.68	1.67	574	869	18,074	43,665	.000	.000	.000	-.26	-.24	-.23
CAREDE01	1.98	1.62	1.74	1.62	.07	.05	.01	.01	1.63	1.34	1.69	1.56	573	868	18,061	43,648	.000	.001	.000	.27	.14	.23
COMMUTE	2.54	2.28	2.18	2.14	.05	.04	.01	.00	1.30	1.07	1.08	1.04	573	869	18,079	43,674	.000	.000	.000	.25	.33	.38
ENVSCHOL	2.96	3.07	3.07	3.13	.03	.03	.01	.00	.78	.80	.77	.77	560	865	17,997	43,488	.010	.001	.000	-.14	-.15	-.22
ENVSUPRT	2.81	2.89	3.03	3.07	.04	.03	.01	.00	.85	.81	.80	.80	559	865	17,990	43,472	.055	.000	.000	-.11	-.28	-.32
ENVDIVRS	2.46	2.53	2.57	2.60	.04	.03	.01	.00	.93	.98	.97	.97	558	865	17,978	43,443	.194	.006	.001	-.07	-.12	-.14
ENVNACAD	2.04	2.00	2.16	2.17	.04	.03	.01	.00	.93	.90	.93	.92	557	865	17,977	43,426	.406	.003	.001	.05	-.13	-.14
ENVSOCAL	2.23	2.22	2.37	2.38	.04	.03	.01	.00	.91	.90	.91	.92	559	863	17,953	43,392	.820	.000	.000	.01	-.16	-.17
ENVEVENT	2.44	2.51	2.79	2.84	.04	.03	.01	.00	.92	.93	.92	.91	560	864	17,973	43,442	.151	.000	.000	-.08	-.38	-.44
ENVCOMPT	3.28	3.25	3.28	3.32	.04	.03	.01	.00	.84	.83	.80	.78	560	864	17,986	43,459	.476	.975	.263	.04	.00	-.05
GNGENLED	3.01	3.02	3.15	3.18	.03	.03	.01	.00	.80	.81	.78	.78	552	857	17,809	43,037	.892	.000	.000	-.01	-.18	-.21
GNWORK	2.55	2.61	2.73	2.72	.04	.03	.01	.00	.95	.97	.93	.94	551	858	17,795	43,001	.275	.000	.000	-.06	-.19	-.18
GNWRITE	2.90	2.87	3.00	3.00	.04	.03	.01	.00	.85	.89	.84	.85	551	858	17,806	43,023	.519	.009	.007	.03	-.11	-.11
GNSPEAK	2.87	2.84	2.81	2.78	.04	.03	.01	.00	.85	.89	.90	.92	551	857	17,804	43,014	.483	.098	.013	.04	.07	.10
GNANALY	3.04	3.06	3.14	3.18	.03	.03	.01	.00	.81	.84	.79	.79	550	858	17,809	43,013	.656	.004	.000	-.02	-.13	-.18
GNQUANT	2.80	2.82	2.81	2.84	.04	.03	.01	.00	.87	.86	.88	.89	549	857	17,775	42,954	.540	.806	.259	-.03	-.01	-.05
GNCMPTS	2.85	2.93	2.96	2.96	.04	.03	.01	.00	.91	.92	.90	.91	550	858	17,805	43,013	.097	.005	.003	-.09	-.12	-.13
GNOTHERS	2.91	2.85	2.96	2.95	.04	.03	.01	.00	.89	.89	.86	.87	549	857	17,803	43,013	.198	.261	.311	.07	-.05	-.04
GNCITIZN	2.34	2.44	2.45	2.49	.04	.04	.01	.01	1.04	1.03	1.06	1.07	543	851	17,689	42,748	.074	.025	.002	-.10	-.10	-.13
GNINQ	2.76	2.79	2.89	2.93	.04	.03	.01	.00	.89	.88	.85	.85	544	849	17,685	42,761	.615	.001	.000	-.03	-.15	-.19
GNSELF	2.66	2.61	2.76	2.77	.04	.03	.01	.00	1.01	1.00	.96	.96	544	851	17,683	42,758	.425	.019	.007	.04	-.11	-.12
GNDIVERS	2.62	2.55	2.58	2.59	.04	.03	.01	.00	.94	.98	.96	.96	544	850	17,692	42,749	.219	.370	.445	.07	.04	.03
GNPROBSV	2.53	2.52	2.55	2.58	.04	.03	.01	.00	.93	.93	.92	.92	544	850	17,693	42,755	.965	.469	.173	.00	-.03	-.06
GNETHICS	2.42	2.45	2.62	2.64	.04	.03	.01	.00	.99	1.00	.98	.99	544	849	17,689	42,752	.628	.000	.000	-.03	-.20	-.22
GNCOMMUN	2.18	2.21	2.41	2.43	.04	.03	.01	.00	.94	.99	.98	.98	544	848	17,685	42,748	.594	.000	.000	-.03	-.23	-.25
GNSPIRIT	1.97	1.88	2.19	2.15	.04	.03	.01	.01	1.01	1.00	1.08	1.08	544	848	17,687	42,748	.144	.000	.000	.08	-.21	-.17
ADVISE	2.80	2.85	2.99	3.00	.03	.03	.01	.00	.77	.82	.83	.83	547	846	17,742	42,879	.310	.000	.000	-.05	-.23	-.24
ENTIREXP	2.98	3.12	3.18	3.22	.03	.02	.01	.00	.66	.68	.70	.71	547	850	17,755	42,907	.000	.000	.000	-.22	-.30	-.34
SAMECOLL	3.12	3.16	3.20	3.22	.03	.03	.01	.00	.78	.84	.83	.83	547	848	17,752	42,889	.341	.026	.003	-.05	-.09	-.12

^a The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the sample mean.

^b Standard deviation is a measure of the average amount the individual scores deviate from the mean of all the scores in the distribution.

^c This statistic represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

^d Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the standard deviation of the comparison group.



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	Mean				Standard Error of the Mean ^a				Standard deviation ^b				Number of respondents				Significance ^c			Effect size ^d		
	California State		Master's		California State		Master's		California State		Master's		California State		Master's		Fresno State compared with:			Fresno State compared with:		
	Fresno State	California State	Master's	NSSE 2005	Fresno State	California State	Master's	NSSE 2005	Fresno State	California State	Master's	NSSE 2005	Fresno State	California State	Master's	NSSE 2005	California State	Master's	NSSE 2005	California State	Master's	NSSE 2005
CLQUEST	2.85	2.93	3.15	3.16	.03	.03	.01	.00	.86	.88	.83	.83	631	1,120	21,775	50,414	.062	.000	.000	-.09	-.37	-.37
CLPRESEN	2.79	2.91	2.93	2.88	.03	.03	.01	.00	.86	.87	.84	.84	631	1,120	21,773	50,399	.005	.000	.010	-.14	-.17	-.11
REWROPAP	2.54	2.56	2.55	2.51	.04	.03	.01	.00	.96	.96	.98	.98	632	1,119	21,761	50,374	.758	.804	.430	-.02	-.01	.03
INTEGRAT	3.31	3.43	3.36	3.37	.03	.02	.00	.00	.69	.69	.71	.72	630	1,121	21,765	50,387	.001	.118	.063	-.17	-.06	-.07
DIVCLASS	2.84	2.82	2.83	2.83	.03	.03	.01	.00	.86	.90	.89	.90	631	1,118	21,746	50,338	.524	.748	.714	.03	.01	.01
CLUNPREP	2.25	2.15	2.05	2.08	.03	.02	.01	.00	.78	.75	.75	.76	630	1,120	21,759	50,354	.006	.000	.000	.14	.28	.23
CLASSGRP	2.50	2.66	2.58	2.52	.03	.03	.01	.00	.87	.84	.86	.87	631	1,121	21,764	50,368	.000	.023	.554	-.20	-.09	-.02
OCCGRP	2.68	2.81	2.76	2.77	.04	.03	.01	.00	.88	.87	.88	.88	631	1,121	21,770	50,389	.003	.021	.010	-.15	-.09	-.10
INTIDEAS	2.81	2.92	2.91	2.93	.03	.02	.01	.00	.82	.80	.80	.80	624	1,100	21,365	49,404	.007	.002	.000	-.14	-.13	-.15
TUTOR	1.89	1.84	1.90	1.94	.04	.03	.01	.00	.93	.91	.96	.97	624	1,103	21,382	49,422	.277	.848	.189	.05	-.01	-.05
COMMPROJ	1.88	1.79	1.80	1.76	.04	.03	.01	.00	.93	.98	.93	.92	623	1,103	21,375	49,409	.043	.033	.001	.10	.09	.13
ITACADEM	2.89	2.93	2.81	2.81	.04	.03	.01	.00	1.01	1.01	1.04	1.03	624	1,102	21,385	49,432	.340	.073	.078	-.05	.07	.07
EMAIL	3.16	3.21	3.26	3.32	.03	.02	.01	.00	.82	.83	.80	.79	624	1,103	21,387	49,435	.237	.001	.000	-.06	-.13	-.20
FACGRADE	2.67	2.72	2.86	2.87	.04	.03	.01	.00	.88	.88	.85	.86	624	1,103	21,379	49,424	.235	.000	.000	-.06	-.23	-.24
FACPLANS	2.30	2.21	2.52	2.53	.04	.03	.01	.00	.93	.93	.96	.96	624	1,102	21,376	49,422	.033	.000	.000	.11	-.22	-.24
FACIDEAS	1.97	1.95	2.13	2.16	.04	.03	.01	.00	.91	.85	.90	.91	624	1,103	21,380	49,426	.711	.000	.000	.02	-.18	-.21
FACFEED	2.72	2.77	2.93	2.94	.03	.02	.01	.00	.78	.79	.77	.77	618	1,099	21,297	49,206	.229	.000	.000	-.06	-.27	-.28
WORKHARD	2.63	2.69	2.78	2.76	.03	.03	.01	.00	.86	.84	.83	.84	618	1,099	21,296	49,191	.160	.000	.000	-.07	-.17	-.15
FACOTHER	1.68	1.67	1.90	1.93	.04	.03	.01	.00	.92	.90	.97	.97	618	1,100	21,296	49,196	.908	.000	.000	.01	-.23	-.26
OOCIDEAS	2.86	2.87	2.86	2.88	.03	.03	.01	.00	.83	.85	.84	.84	618	1,099	21,297	49,206	.946	.955	.539	.00	.00	-.02
DIVRSTUD	2.86	2.74	2.60	2.65	.04	.03	.01	.00	.95	.99	.99	.99	618	1,097	21,277	49,160	.016	.000	.000	.12	.26	.21
DIFFSTU2	2.77	2.72	2.71	2.76	.04	.03	.01	.00	.96	.96	.95	.95	618	1,098	21,270	49,166	.341	.117	.733	.05	.06	.01
MEMORIZE	2.80	2.76	2.75	2.70	.04	.03	.01	.00	.89	.90	.91	.92	614	1,097	21,224	49,031	.338	.146	.004	.05	.06	.11
ANALYZE	3.13	3.28	3.22	3.24	.03	.02	.01	.00	.77	.74	.75	.74	614	1,097	21,228	49,029	.000	.006	.000	-.20	-.11	-.15
SYNTHEZ	2.90	3.02	3.03	3.06	.03	.02	.01	.00	.83	.83	.83	.83	614	1,096	21,218	49,004	.005	.000	.000	-.14	-.16	-.19
EVALUATE	2.87	2.94	2.97	2.99	.04	.03	.01	.00	.89	.86	.87	.86	613	1,095	21,218	49,009	.118	.009	.002	-.08	-.11	-.13
APPLYING	3.06	3.14	3.20	3.19	.03	.03	.01	.00	.85	.85	.81	.82	613	1,097	21,221	49,009	.071	.000	.000	-.09	-.17	-.16
READASGN	2.98	3.16	3.14	3.22	.04	.03	.01	.00	.94	1.00	1.01	1.03	614	1,087	21,136	48,832	.000	.000	.000	-.18	-.15	-.23

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^b Standard deviation is a measure of the average amount the individual scores deviate from the mean of all the scores in the distribution.

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	Mean				Standard Error of the Mean ^a				Standard deviation ^b				Number of respondents				Significance ^c			Effect size ^d		
																	<i>Fresno State compared with:</i>			<i>Fresno State compared with:</i>		
	Fresno State	California State	Master's	NSSE 2005	Fresno State	California State	Master's	NSSE 2005	Fresno State	California State	Master's	NSSE 2005	Fresno State	California State	Master's	NSSE 2005	California State	Master's	NSSE 2005	California State	Master's	NSSE 2005
READOWN	2.19	2.13	2.21	2.22	.04	.03	.01	.00	1.01	.99	.99	.98	614	1,089	21,151	48,874	.266	.641	.349	.06	-.02	-.04
WRITEMOR	1.58	1.70	1.65	1.68	.03	.02	.01	.00	.73	.81	.77	.77	614	1,090	21,133	48,845	.003	.034	.001	-.15	-.09	-.13
WRITEMID	2.62	2.72	2.63	2.68	.04	.03	.01	.00	.95	.98	.96	.97	614	1,088	21,139	48,859	.035	.691	.103	-.11	-.02	-.07
WRITESML	2.98	3.14	3.12	3.13	.05	.04	.01	.01	1.16	1.16	1.20	1.19	614	1,090	21,150	48,860	.006	.004	.002	-.14	-.11	-.13
PROBSETA	2.66	2.66	2.53	2.51	.05	.04	.01	.01	1.14	1.19	1.17	1.19	610	1,083	20,977	48,488	.944	.006	.001	.00	.11	.13
PROBSETB	2.42	2.31	2.40	2.33	.05	.04	.01	.01	1.16	1.19	1.20	1.20	610	1,081	20,944	48,421	.062	.600	.068	.09	.02	.07
EXAMS	5.41	5.42	5.46	5.44	.05	.04	.01	.01	1.18	1.21	1.22	1.22	613	1,085	21,052	48,628	.849	.338	.478	-.01	-.04	-.03
ATDART05	1.92	1.98	2.03	2.08	.03	.03	.01	.00	.80	.87	.89	.91	609	1,086	21,054	48,613	.198	.002	.000	-.06	-.11	-.18
EXRCSE05	2.66	2.65	2.65	2.74	.04	.03	.01	.00	1.01	1.05	1.05	1.04	607	1,086	21,052	48,605	.828	.857	.067	.01	.01	-.07
WORHP05	2.22	2.01	2.26	2.23	.05	.03	.01	.01	1.15	1.10	1.13	1.12	609	1,086	21,047	48,599	.000	.341	.776	.19	-.04	-.01
OWNVIEW	2.63	2.62	2.70	2.73	.03	.03	.01	.00	.85	.87	.87	.87	608	1,084	21,048	48,601	.814	.056	.009	.01	-.08	-.11
OTHRVIEW	2.86	2.82	2.84	2.86	.03	.03	.01	.00	.81	.85	.83	.83	609	1,085	21,055	48,604	.289	.540	.875	.05	.03	.01
CHNGVIEW	2.86	2.84	2.85	2.88	.03	.03	.01	.00	.79	.83	.81	.81	607	1,084	21,043	48,589	.661	.956	.478	.02	.00	-.03
INTERN04	.44	.48	.56	.58	.02	.02	.00	.00	.50	.50	.50	.49	599	1,073	20,920	48,303	.109	.000	.000	-.08	-.25	-.29
VOLNTR04	.60	.55	.62	.64	.02	.02	.00	.00	.49	.50	.49	.48	599	1,075	20,910	48,287	.025	.394	.069	.11	-.04	-.08
LRNCOM04	.22	.23	.27	.27	.02	.01	.00	.00	.41	.42	.45	.44	599	1,072	20,915	48,266	.681	.001	.004	-.02	-.13	-.11
RESRCH04	.14	.16	.18	.21	.01	.01	.00	.00	.35	.37	.39	.41	599	1,072	20,919	48,286	.360	.005	.000	-.05	-.11	-.17
FORLNG04	.37	.48	.41	.46	.02	.02	.00	.00	.48	.50	.49	.50	599	1,074	20,921	48,287	.000	.055	.000	-.21	-.08	-.17
STDABR04	.10	.09	.13	.18	.01	.01	.00	.00	.30	.28	.34	.38	598	1,073	20,911	48,261	.377	.010	.000	.05	-.10	-.21
INDSTD04	.13	.13	.20	.23	.01	.01	.00	.00	.33	.33	.40	.42	599	1,074	20,908	48,271	.944	.000	.000	.00	-.18	-.24
SNRX04	.27	.32	.34	.38	.02	.01	.00	.00	.44	.47	.48	.49	599	1,074	20,916	48,267	.019	.000	.000	-.12	-.16	-.23
ENVSTU	5.50	5.58	5.70	5.68	.05	.04	.01	.01	1.29	1.30	1.28	1.30	596	1,069	20,925	48,273	.228	.000	.001	-.06	-.16	-.14
ENVFAC	5.24	5.35	5.67	5.64	.06	.04	.01	.01	1.35	1.32	1.24	1.26	596	1,068	20,925	48,274	.104	.000	.000	-.08	-.34	-.32
ENVADM	4.31	4.41	4.67	4.63	.07	.05	.01	.01	1.64	1.67	1.65	1.66	596	1,067	20,904	48,239	.252	.000	.000	-.06	-.22	-.19
ACADPR01	3.80	4.23	3.94	4.09	.07	.06	.01	.01	1.62	1.82	1.71	1.75	589	1,062	20,795	47,994	.000	.045	.000	-.24	-.08	-.17
WORKON01	1.50	1.55	1.80	1.90	.06	.04	.01	.01	1.40	1.37	1.53	1.57	588	1,062	20,779	47,994	.441	.000	.000	-.04	-.20	-.26
WORKOF01	4.54	4.02	3.85	3.50	.11	.08	.02	.01	2.70	2.74	2.78	2.74	587	1,060	20,781	47,975	.000	.000	.000	.19	.25	.38
COCURR01	1.81	1.75	2.04	2.19	.06	.04	.01	.01	1.42	1.24	1.48	1.55	588	1,062	20,803	48,012	.367	.000	.000	.05	-.15	-.24

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	Mean				Standard Error of the Mean ^a				Standard deviation ^b				Number of respondents				Significance ^c			Effect size ^d		
	Fresno State		California State		Master's		NSSE 2005		Fresno State		California State		Master's		NSSE 2005		Fresno State compared with:		Fresno State compared with:			
	Fresno State	California State	Master's	NSSE 2005	Fresno State	California State	Master's	NSSE 2005	Fresno State	California State	Master's	NSSE 2005	Fresno State	California State	Master's	NSSE 2005	California State	Master's	NSSE 2005	California State	Master's	NSSE 2005
SOCIAL05	3.12	3.38	3.30	3.36	.06	.05	.01	.01	1.40	1.63	1.53	1.54	589	1,063	20,790	48,001	.001	.003	.000	-.16	-.12	-.15
CAREDE01	2.84	2.54	2.52	2.29	.10	.07	.02	.01	2.48	2.39	2.45	2.31	589	1,063	20,787	47,999	.017	.002	.000	.12	.13	.24
COMMUTE	2.53	2.54	2.40	2.31	.05	.03	.01	.00	1.17	1.13	1.13	1.09	589	1,062	20,796	48,009	.807	.005	.000	-.01	.12	.20
ENVSCHOL	3.06	3.16	3.08	3.14	.03	.02	.01	.00	.78	.76	.77	.77	585	1,058	20,754	47,873	.014	.427	.015	-.13	-.03	-.10
ENVSUPRT	2.71	2.81	2.95	2.97	.04	.03	.01	.00	.85	.85	.82	.83	585	1,056	20,736	47,847	.025	.000	.000	-.12	-.29	-.31
ENVDIVRS	2.46	2.38	2.42	2.42	.04	.03	.01	.00	.98	1.02	.98	.98	585	1,053	20,713	47,798	.113	.382	.390	.08	.04	.04
ENVNACAD	1.82	1.75	1.96	1.97	.04	.03	.01	.00	.86	.83	.91	.91	585	1,055	20,701	47,787	.138	.000	.000	.08	-.15	-.16
ENVSOCAL	1.99	1.98	2.17	2.17	.04	.03	.01	.00	.86	.87	.90	.91	585	1,055	20,672	47,725	.756	.000	.000	.02	-.19	-.19
ENVEVENT	2.43	2.39	2.57	2.63	.04	.03	.01	.00	.90	.92	.95	.94	585	1,058	20,697	47,798	.311	.001	.000	.05	-.14	-.21
ENVCOMPT	3.46	3.47	3.44	3.46	.03	.02	.01	.00	.74	.74	.74	.74	583	1,059	20,742	47,849	.693	.650	.921	-.02	.02	.00
GNGENLED	3.19	3.22	3.31	3.33	.03	.02	.01	.00	.78	.80	.76	.77	581	1,050	20,645	47,647	.452	.000	.000	-.04	-.15	-.18
GNWORK	2.96	2.96	3.10	3.04	.04	.03	.01	.00	.95	.93	.90	.92	581	1,051	20,647	47,643	.988	.000	.050	.00	-.15	-.08
GNWRITE	3.06	3.07	3.12	3.14	.03	.03	.01	.00	.84	.84	.84	.84	581	1,053	20,651	47,653	.710	.059	.021	-.02	-.08	-.10
GNSPEAK	2.95	2.95	3.05	3.03	.04	.03	.01	.00	.89	.88	.86	.88	581	1,053	20,645	47,642	.900	.011	.027	.01	-.11	-.09
GNANALY	3.25	3.30	3.34	3.37	.03	.02	.01	.00	.78	.75	.74	.74	581	1,053	20,647	47,647	.174	.007	.000	-.07	-.11	-.16
GNQUANT	3.00	3.03	3.01	3.01	.04	.03	.01	.00	.87	.88	.88	.89	580	1,050	20,629	47,614	.544	.831	.664	-.03	-.01	-.02
GNCMPTS	3.17	3.23	3.20	3.18	.04	.03	.01	.00	.85	.87	.84	.85	581	1,052	20,647	47,649	.129	.351	.715	-.08	-.04	-.02
GNOTHERS	3.07	3.13	3.20	3.18	.04	.03	.01	.00	.89	.83	.82	.83	580	1,051	20,638	47,637	.147	.000	.001	-.08	-.16	-.14
GNCITIZN	2.18	2.24	2.29	2.31	.04	.03	.01	.00	1.00	1.07	1.07	1.07	576	1,047	20,573	47,459	.330	.014	.002	-.05	-.10	-.12
GNINQ	2.83	2.99	3.04	3.07	.04	.03	.01	.00	.90	.88	.87	.86	576	1,045	20,582	47,495	.001	.000	.000	-.18	-.25	-.28
GNSSELF	2.69	2.72	2.85	2.88	.04	.03	.01	.00	1.00	1.00	.99	.99	577	1,046	20,580	47,482	.556	.000	.000	-.03	-.16	-.19
GNDIVERS	2.78	2.64	2.61	2.60	.04	.03	.01	.00	.94	.99	.99	.99	577	1,046	20,584	47,484	.005	.000	.000	.14	.17	.18
GNPROBSV	2.63	2.72	2.72	2.72	.04	.03	.01	.00	.96	.93	.94	.94	577	1,047	20,587	47,502	.063	.015	.014	-.10	-.10	-.10
GNETHICS	2.55	2.53	2.73	2.74	.04	.03	.01	.00	1.03	1.01	1.02	1.02	577	1,047	20,582	47,491	.630	.000	.000	.03	-.17	-.18
GNCOMMUN	2.37	2.30	2.49	2.50	.04	.03	.01	.00	.99	1.03	1.01	1.01	577	1,047	20,580	47,490	.201	.004	.003	.07	-.12	-.12
GNSPIRIT	1.83	1.73	2.09	2.04	.04	.03	.01	.01	.99	.98	1.10	1.09	577	1,045	20,575	47,472	.052	.000	.000	.10	-.23	-.19
ADVISE	2.76	2.74	2.92	2.94	.04	.03	.01	.00	.88	.94	.93	.92	577	1,047	20,626	47,599	.683	.000	.000	.02	-.18	-.20
ENTIREXP	3.04	3.12	3.24	3.27	.03	.02	.00	.00	.69	.71	.70	.71	577	1,049	20,632	47,611	.033	.000	.000	-.11	-.29	-.32
SAMECOLL	3.06	3.18	3.19	3.19	.03	.03	.01	.00	.82	.83	.84	.85	576	1,047	20,628	47,602	.007	.000	.000	-.14	-.15	-.16

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^a The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the sample mean.

^b Standard deviation is a measure of the average amount the individual scores deviate from the mean of all the scores in the distribution.

^c This statistic represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

^d Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the standard deviation of the comparison group.

Fresno State	Fresno State compared with California State
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California State Consortium Questions

	Variable	Class	Mean	California State Mean	Sig. ^a	Effect size ^b
1a. A faculty advisor	cal0501a	FY	2.38	2.58	***	-.20
		SR	2.79	2.85		
1b. A non-faculty advisor (excluding fellow students)	cal0501b	FY	2.23	2.18		
		SR	2.03	2.02		
2a. Advising in General Education (GE)	cal0502a	FY	2.71	2.65	**	.17
		SR	2.58	2.42		
2b. Advising through your major	cal0502b	FY	2.74	2.74		
		SR	2.97	2.91		
3. About how many hours do you spend in a typical 7-day week using the campus library resources in person?	cal0503	FY	1.92	1.75	***	.20
		SR	1.92	1.99		
4. About how many hours do you spend in a typical 7-day week using the campus library resources online?	cal0504	FY	1.96	1.78	***	.22
		SR	1.99	2.05		
5. How would you evaluate the quality of the campus library resources available online?	cal0505	FY	3.10	3.07	*	-.12
		SR	2.98	3.07		
6. Please check the item below that indicates the number of courses you have taken at this institution that were not required for your major or General Education (Check one response):	cal0506	FY	2.17	1.82	***	.37
		SR	2.63	2.37		
7a. Personal interest/enrichment	cal0507a ^c	FY				
		SR				
7b. For my job	cal0507b ^c	FY				
		SR				
7c. Fulfill financial aid requirements	cal0507c ^c	FY				
		SR				
7d. I thought it was required for General Education	cal0507d ^c	FY				
		SR				

^a * p<.05 ** p<.01 ***p<.001 (2-tailed).

^b Effect size = mean difference divided by comparison group standard deviation.

^c Response set is categorical.

Fresno State	<i>Fresno State compared with California State</i>
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California State Consortium Questions

	<i>Variable</i>	<i>Class</i>	<i>Mean</i>	<i>California State Mean</i>	<i>Sig^a</i>	<i>Effect size^b</i>
7e. I thought it was required for my major	cal0507e ^c	FY SR				
7f. My major faculty advisor suggested it	cal0507f ^c	FY SR				
7g. My General Education advisor suggested it	cal0507g ^c	FY SR				
7h. It was required for a change of major	cal0507h ^c	FY SR				
8. Relationships with students in your academic major are (Please select the value that best represents your response):	cal0508	FY SR	5.25 5.74	5.26 5.66		
9. To what extent does your institution develop a sense of community among students, staff, and faculty?	cal0509	FY SR	2.40 2.40	2.44 2.39		
10. To what extent has your experience at this institution contributed to your developing effective leadership skills?	cal0510	FY SR	2.26 2.44	2.16 2.49	*	.13
11. To what extent does your use of alcohol or other drugs negatively impact your academic performance?	cal0511	FY SR	1.73 1.56	1.61 1.52	*	.17

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^a * p<.05 ** p<.01 ***p<.001 (2-tailed).

^b Effect size = mean difference divided by comparison group standard deviation.

^c Response set is categorical.

