



## El Camino College

Community College Survey of Student Engagement  
(CCSSE)

Spring 2008



Benchmarks of  
Effective Educational Practice

The Community College Survey of Student Engagement (CCSSE) utilizes a set of five benchmarks of effective educational practice in community colleges. These benchmarks allow member institutions, with missions focused on teaching, learning, and student success, to gauge and monitor their performance in areas that are truly central to their work. In addition, participating colleges have the opportunity to make appropriate and useful comparisons between their performance and that of other groups of similar colleges.

Community colleges differ significantly—even dramatically—from one another on variables including size, location, resources, enrollment patterns, and student characteristics. It is important to take these differences into account when interpreting benchmark scores—especially when making institutional comparisons. Furthermore, the Community College Survey of Student Engagement has adopted an official policy on “Responsible Uses of CCSSE Data.” Please review the policy, which is provided as an appendix to this report.

### CCSSE's Benchmarks

The five benchmarks encompass 38 engagement items from the CCSSE survey that reflect many of the most important aspects of the student experience. These institutional practices and student behaviors are some of the most powerful contributors to effective teaching, learning, student retention, and student success.

As before, CCSSE has used this year a 3-year cohort of participating colleges (2006 through 2008) in all of its data analyses, including the computation

of benchmark scores.<sup>1</sup> This cohort is referred to as the 2008 CCSSE Cohort throughout all reports and documentation.

This approach increases the total number of institutions and students contributing to the national dataset, which in turn increases the reliability of the overall results. In addition, the 3-year cohort approach minimizes the impact, in any given year, of statewide consortia participation.

The benchmarks are briefly described below.

### *Active and Collaborative Learning*

Students learn more when they are actively involved in their education and have opportunities to think about and apply what they are learning in different settings. Through collaboration with others to solve problems or master challenging content, students develop valuable skills that prepare them to deal with the kinds of situations and problems they will encounter in the workplace, community, and their personal lives. The seven survey items that contribute to this benchmark are these:

- During the current school year, how often have you
- ★ Asked questions in class or contributed to class discussions
  - ★ Made a class presentation
  - ★ Worked with other students on projects during class
  - ★ Worked with classmates outside of class to prepare class assignments
  - ★ Tutored or taught other students (paid or voluntary)
  - ★ Participated in a community-based project as a part of a regular course
  - ★ Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)

<sup>1</sup>For returning participants, the college's most recent year of participation is included in data analyses. For example, if a college participated in 2007 and 2008, only the 2008 data would be used in the 3-year cohort.

### **Student Effort**

Students' own behaviors contribute significantly to their learning and the likelihood that they will successfully attain their educational goals. "Time on task" is a key variable, and there are a variety of settings and means through which students may apply themselves to the learning process. Associated with this benchmark are eight survey items indicating student behavior in these terms:

During the current school year, how often have you

- ★ Prepared two or more drafts of a paper or assignment before turning it in
- ★ Worked on a paper or project that required integrating ideas or information from various sources
- ★ Come to class without completing readings or assignments (reverse coded)
- ★ Used peer or other tutoring
- ★ Used skill labs
- ★ Used a computer lab

During the current school year

- ★ How many books did you read on your own (not assigned) for personal enjoyment or academic enrichment
- ★ How many hours did you spend in a typical week preparing for class (studying, reading, writing, rehearsing or other activities related to your program)

### **Academic Challenge**

Challenging intellectual and creative work is central to student learning and collegiate quality. Ten items from The Community College Student Report correspond to components of academic challenge including the nature and amount of assigned academic work, the complexity of cognitive tasks presented to students, and the standards faculty members use to evaluate student performance. Specifically, Academic Challenge includes the following items:

During the current school year, how often have you

- ★ Worked harder than you thought you could to meet an instructor's standards or expectations

How much does your coursework at this college emphasize

- ★ Analyzing the basic elements of an idea, experience, or theory
- ★ Synthesizing and organizing ideas, information, or experiences in new ways

- ★ Making judgments about the value or soundness of information, arguments, or methods
- ★ Applying theories or concepts to practical problems or in new situations
- ★ Using information you have read or heard to perform a new skill

During the current school year

- ★ How many assigned textbooks, manuals, books, or book-length packs of course readings did you read
- ★ How many papers or reports of any length did you write
- ★ To what extent have your examinations challenged you to do your best work

How much does this college emphasize

- ★ Encouraging you to spend significant amounts of time studying

### **Student-Faculty Interaction**

The more contact students have with their teachers, the more likely they are to learn effectively and to persist toward achievement of their educational goals. Personal interaction with faculty members strengthens students' connections to the college and helps them focus on their academic progress. Working with an instructor on a project or serving with faculty members on a college committee lets students see first hand how experts identify and solve practical problems. Through such interactions, faculty members become role models, mentors, and guides for continuous, lifelong learning. The six items used in this benchmark are about students' experience in these areas:

During the current school year, how often have you

- ★ Used email to communicate with an instructor
- ★ Discussed grades or assignments with an instructor
- ★ Talked about career plans with an instructor or advisor
- ★ Discussed ideas from your readings or classes with instructors outside of class
- ★ Received prompt feedback (written or oral) from instructors on your performance
- ★ Worked with instructors on activities other than coursework

### **Support for Learners**

Students perform better and are more satisfied at colleges that are committed to their success and

cultivate positive working and social relationships among different groups on campus. Community college students also benefit from services targeted to assist them with academic and career planning, academic skill development, and other issues that may affect both learning and retention. The seven survey items contributing to this benchmark include the following:

How much does this college emphasize

- ★ Providing the support you need to help you succeed at this college
- ★ Encouraging contact among students from different economic, social, and racial or ethnic backgrounds
- ★ Helping you cope with your non-academic responsibilities (work, family, etc.)
- ★ Providing the support you need to thrive socially
- ★ Providing the financial support you need to afford your education

During the current school year, how often have you

- ★ Used academic advising/ planning services
- ★ Used career counseling services

## Understanding and Using Benchmarks

### *What are benchmark scores?*

Benchmark scores provide a useful way to look at an institution's data by creating groups of conceptually related items that address key areas of student engagement. As described above, these areas are active and collaborative learning, student effort, academic challenge, student-faculty interaction, and support for learners. These are five areas that have been shown through research to be important in high-quality educational practice. Through examining empirical results of factor analytic models and with input from its Technical Advisory Panel, CCSSE grouped survey items related to each of these areas.

In order to create the benchmark scores, the survey items associated with each benchmark are first rescaled so that all items are on the same scale (0 to 1). Next, the benchmark scores are computed by averaging the scores of the related survey items. Finally, the scores are standardized around the mean of the 3-year cohort so that respondents' scores have a mean of 50, weighted by full- and part-time attendance status, and a standard deviation of 25.

Benchmark scores are then computed by averaging the scores on the associated items.

Rescaling scores increases the value of the scores in the following two ways:

- 1) all of the benchmarks are on the same scale, enabling comparisons across benchmarks; and
- 2) the scores provide information about how an individual institution is doing relative to other institutions.

Having scores on the same scale makes comparisons across benchmarks more meaningful than comparisons using raw scores. The limitation of using raw scores is illustrated by the fact that there are some aspects of student engagement that will nearly always take place with greater frequency than others. For example, students may typically engage in activities such as homework more frequently than they engage in talking with instructors about career plans, so raw scores will always be higher for homework than for talking with instructors. Without knowing what a typical score is for each of these engagement areas, college faculty and staff have little basis for determining where their institutional strengths and weaknesses may lie.

Knowing that all benchmarks are on the same scale makes it immediately obvious that a particular college's scores are either above or below those for other participating schools. Knowing that the mean is at 50 across all students in the sample enhances the score's usefulness for benchmarking, as the score contains information about whether an institution's performance is better or worse than average—and how much better or worse. For example, benchmark scores of 55 on Student Effort and 42 on Student-Faculty Interaction would indicate to a college that the institution is performing relatively better in regard to Student Effort than in regard to Student-Faculty Interaction. Further, the benchmark scores allow the college to understand that the results are above the average for participating institutions on one benchmark and below average on the other. Thus the data may be used both to identify relative strengths and to zero in on areas in which the college may need to improve.

### *What can a college do with the benchmarks?*

There are a number of ways college leaders might choose to use the benchmark scores and the comparison information provided in this report.

Examples are provided below:

**A starting point for understanding your campus findings** — Multiple pages of survey data presented at the individual item level may be daunting. Where does one start when there are over 150 items addressing a variety of topics? The benchmark scores provide a manageable starting point for reviewing and understanding your *CCSSE* data.

For example, suppose that you have a college mission statement that expresses a commitment to faculty involvement with students. But, you note that the college's student-faculty interaction benchmark score is lower than those for the comparison group and for the 2008 *CCSSE* Cohort. Therefore, you decide that this is the area you want to target for improvement. To help you understand more precisely what the differences are, *CCSSE* suggests that you drill down to the item level, look at the percentage of students responding in each category, and compare the responses to those in your comparison groups. This will allow you to identify the specific items that are problem areas, and then target these areas, creating appropriate initiatives to build student-faculty interaction.

**Understanding the big picture** — *CCSSE* reports data for important breakout groups for each benchmark, enabling college leaders to review how their colleges are performing overall, by part- and full-time attendance status, and by credit hours earned. This view provides the big picture of student engagement and involvement.

**Talking points** — Benchmark scores are designed to help colleges investigate student engagement in key areas that—according to research—contribute to effective educational practice (Chickering and Gamson, 1987). Colleges can use these scores to prompt dialogue about effective teaching and learning. Scores likewise can be used to focus attention on programs and policies that may be in need of improvement—and on those worthy of celebration.

**Institutional comparisons** — Until recently, community and technical colleges have had little opportunity to make valid and appropriate cross-institutional comparisons, particularly with regard to important dimensions of teaching and learning. Many national surveys do not employ strict sampling

protocols, thus making comparisons less meaningful and potentially inappropriate. *CCSSE* employs a strict sampling protocol which allows for appropriate cross-institutional comparisons. *CCSSE* controls the sample selection, thereby ensuring that all class sections have equal chances of being selected. What this means is that no college has the opportunity to skew the results by sampling only highly engaging classes, and therefore, every college is on the same playing field.

Colleges can target areas that need improvement both by considering their own institutional aspirations and priorities and by comparing their benchmark scores with groups of similar colleges. After identifying other colleges that are high performers on a particular benchmark, a college can initiate communication to explore the educational practices that may be contributing to enhanced effectiveness at benchmark institutions.

**Subsequent analyses** — Any or all of the benchmark scores can be used as variables in subsequent analyses using the *CCSSE* student record data for your college, which was provided with your Institutional Report. The benchmark scores can also be used in conjunction with traditional institutional data, such as grades and demographic data, to understand the factors that really matter in student success.

## **POLICY STATEMENT ON RESPONSIBLE USES OF *CCSSE* DATA**

In accessing the *CCSSE* database and using the *CCSSE* data search tools, the user agrees to the following *CCSSE* policy positions regarding responsible and appropriate uses of the survey data.

★ *CCSSE* supports uses of survey data for benchmarking effective educational practices, for targeting and monitoring progress in quality improvement, and for public reporting in ways that serve to increase understanding of collegiate quality and to support institutional efforts to improve undergraduate student learning and retention. *CCSSE* especially supports public reporting of student engagement results in ways that enable thoughtful, responsible institutional comparisons while encouraging and celebrating institutional diversity.

★ *CCSSE* does not support the use of student



---

engagement survey results for the purpose of ranking community and technical colleges. Such uses would obscure complex dimensions of institutional performance and student behavior.

- ★ Because of differences in institutional focus, student characteristics, and resources, comparisons of survey results from two single institutions serve little constructive purpose and may in fact be wholly inappropriate. *CCSSE's* data search tools therefore provide group comparisons, using aggregated data from at least three institutions.
- ★ Appropriate interpretation of survey data will take into account the institutional context (mission, size, urbanicity, program mix, and so on) as well as the characteristics of a particular institution's student population—for example, the proportions of full- vs. part-time students, traditional college-age vs. non-traditional-age students, students who are academically under-prepared as they enter the institution, and students with various educational goals.

## College Summary

On the following pages, the *CCSSE Benchmarks of Effective Educational Practice* are summarized for El Camino College, with comparisons against standardized scores for Extra Large Colleges (those with greater than 15,000 enrolled students) and the Hispanic Student Success (HSS) consortium.

Benchmark results are further disaggregated by enrollment status (part-time/full-time) and credit hour status (fewer than 30 units/30+ units). Details on how to read different aspects of the report are found on the next page.

To quickly review, the five *CCSSE* benchmarks are:

- ✘ Active and Collaborative Learning
- ✘ Student Effort
- ✘ Academic Challenge
- ✘ Student-Faculty Interaction
- ✘ Support for Learners

El Camino College is above the *CCSSE* cohort average with respect to *Academic Challenge* and *Support for Learners* (page B1). In addition, ECC is higher than other Extra Large colleges in those two areas as well as in *Active and Collaborative Learning*.

Compared to the HSS consortium, ECC is higher only in *Academic Challenge* and is about even with the consortium in its "support for learners." The HSS consortium comparison is not contained in this document but is available on the El Camino College website).

Little change in the results is found when the survey responses are disaggregated by enrollment status or credit status. The only exception is among part-time students whose ranking of *Active and Collaborative Learning* is higher than both Extra Large colleges and the entire *CCSSE* cohort (B8). However, the college remains lower among part-timers when compared to the HSS consortium.

By interpreting the deciles reports found on page B2, nearly 80% of institutions in the *CCSSE* cohort scored below El Camino College in *Academic Challenge*. About 70% of the cohort scored below ECC in *Support for Learners*. Ninety percent of Extra Large colleges scored below ECC in *Academic Challenge*, while 85% scored below ECC in *Support for Learners*. Sixty percent of Extra Large colleges also scored below ECC in *Active and Collaborative Learning*. There are no deciles reports for the HSS consortium.

# Benchmark Reports

This section contains nine reports presenting data for **all students**, for students by **enrollment status** (e.g., part- and full-time), and for students by **credit hour status** (0 to 29 and 30+ credits).

The first report, on page B1, is a **Summary Table** of scores for **all students** on each of the five benchmarks: 1) Active and Collaborative Learning, 2) Student Effort, 3) Academic Challenge, 4) Student-Faculty Interactions, and 5) Support for Learners for your institution, a comparison group, and the 2008 CCSSE Cohort.

The **CCSSE Benchmark Deciles Report**, on page B2, highlights the five benchmark deciles for **all students** at your institution. Deciles are percentile scores that divide the frequency of benchmark scores into ten equal groups. A percentile represents the point at or below which a specified percentage of the college benchmark scores fall. For example, the 60<sup>th</sup> percentile represents the point at or below which 60 percent of the college benchmark scores fall for the respective comparison group. Deciles are listed for the 2008 CCSSE Cohort and for each appropriate breakdown according to college size and urbanicity. **To help you gauge your college's performance relative to the comparison groups, the shaded area on the tables indicate the deciles that are less than or equal to your benchmark scores.**

The third report—**Bar Charts and Benchmark Item Composition**—uses bar charts to represent the data provided in the summary table, for **all students** for each benchmark (pp. B3 - B7). In addition, it provides a listing of items from *The Community College Student Report* making up that particular benchmark (e.g., Active and Collaborative Learning), the means associated with each item and whether your college's mean is above or below the mean for the comparison group as well as the 2008 CCSSE Cohort.

The next series of reports, found on pages B8 through B19, contain the same reports described above broken down by **enrollment status** for your institution, a comparison group, and the 2008 CCSSE Cohort.

The final set of reports, pages B20 through B31, highlight data for all students by **credit hour status** for your institution, a comparison group, and the 2008 CCSSE Cohort.

**Please note** that for consortium reports (such as for Hispanic Student Success), there are no deciles reports, and the page numbers will not correspond to those listed above.



Community College Survey of Student Engagement  
2008 Benchmark Summary Table - All Students  
**El Camino College**

All Students				
Benchmark	Your College	Comparison Group Statistics		
			ExLarge Colleges	2008 CCSSE Cohort
Active and Collaborative Learning	49.7	Benchmark Score	49.1	50.0
		Score Difference	0.6	-0.3
Student Effort	47.5	Benchmark Score	48.9	50.0
		Score Difference	-1.4	-2.5
Academic Challenge	52.2	Benchmark Score	49.4	50.0
		Score Difference	2.8	2.2
Student-Faculty Interaction	47.3	Benchmark Score	47.9	50.0
		Score Difference	-0.7	-2.7
Support for Learners	52.8	Benchmark Score	49.0	50.0
		Score Difference	3.8	2.8
		Number of Colleges	47	585

**Benchmark Score:** Each benchmark score was computed by averaging the scores on survey items that comprise that benchmark. To compensate for disproportionately large numbers of full-time students in the sample, all means used in the creation of the benchmarks are weighted by full- and part-time status. Benchmark scores are standardized so that the weighted mean across all students is 50 and the standard deviation across all participating students is 25. Institutions' benchmark scores are computed by taking the weighted average of their students' standardized scores.

**Score Difference:** The result of subtracting the comparison group score (same size colleges or 2008 CCSSE Cohort) from your college's score on each benchmark.

## 2008 CCSSE Cohort Benchmark Deciles

All Students

### El Camino College

These tables present the range of institutional scores by decile for the five benchmarks of effective educational practice for all participating students. Deciles are percentile scores that divide the frequency of benchmark scores into ten equal groups. Deciles are listed for the entire 2008 CCSSE Cohort and for each appropriate breakdown according to college size and college urbanicity. A percentile represents the point at or below which a specified percentage of the college benchmark scores fall. For example, the 60th percentile represents the point at or below which 60 percent of the college benchmark scores fall for the respective comparison group. To help you gauge your college's performance relative to the comparison groups, the shaded areas on the national, size, or urbanicity tables indicate the deciles that are less than or equal to your benchmark score.

2008 CCSSE Cohort	All Students										
	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
Active and Collaborative Learning	39.8	45.5	47.0	48.0	49.2	50.1	51.1	52.2	53.5	55.6	73.8
Student Effort	40.9	46.1	47.4	48.2	49.2	50.1	51.0	52.0	53.4	55.3	68.3
Academic Challenge	34.5	46.3	47.4	48.3	49.1	49.9	50.6	51.4	52.8	54.7	66.5
Student-Faculty Interaction	40.6	45.7	47.3	48.4	49.4	50.3	51.2	52.1	53.5	56.0	63.5
Support for Learners	38.0	45.1	46.8	48.2	49.2	50.2	51.2	52.4	54.3	56.2	70.8

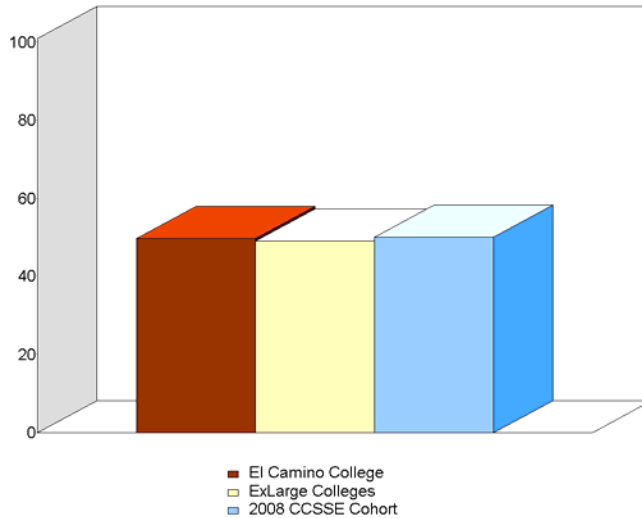
ExLarge Colleges	All Students										
	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
Active and Collaborative Learning	43.4	45.7	46.5	47.0	47.5	48.3	49.7	51.0	51.9	54.0	56.2
Student Effort	41.8	44.6	46.4	46.9	47.6	48.4	49.5	50.5	52.2	53.4	57.0
Academic Challenge	43.4	46.5	47.6	48.5	48.9	49.2	49.7	50.3	50.7	52.5	56.0
Student-Faculty Interaction	40.6	43.0	45.4	46.3	47.2	47.9	48.7	49.4	50.4	52.6	54.7
Support for Learners	42.1	44.5	45.7	46.7	47.8	49.3	49.6	50.2	50.8	54.6	58.9

Suburban Colleges	All Students										
	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
Active and Collaborative Learning	42.5	45.4	47.2	47.7	48.6	49.5	50.3	51.5	52.6	55.0	67.8
Student Effort	42.4	45.8	47.0	47.9	48.5	49.2	50.4	51.5	52.4	55.5	59.8
Academic Challenge	41.8	46.9	48.2	48.7	49.3	50.0	50.7	51.4	52.9	54.5	59.8
Student-Faculty Interaction	42.1	44.5	47.2	48.1	48.6	49.5	50.6	51.9	52.8	55.1	63.0
Support for Learners	41.4	44.7	46.3	47.3	48.3	49.3	50.4	51.4	53.2	55.0	68.2

## Active and Collaborative Learning Bar Charts and Benchmark Item Composition - All Students

Description - Students learn more when they are actively involved in their education and have opportunities to think about and apply what they are learning in different settings. Through collaborating with others to solve problems or master challenging content, students develop valuable skills that prepare them to deal with the kinds of situations and problems they will encounter in the workplace, the community, and their personal lives.



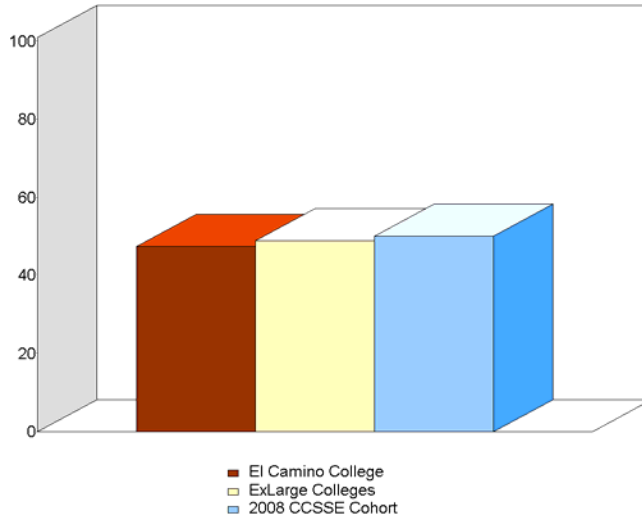
	Benchmark Scores		
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>All Students</b>	49.7	49.1	50.0

Active and Collaborative Learning	Your College Mean	Other ExLarge Colleges Mean	Above/Below Mean	2008 CCSSE Cohort Mean	Above/Below Mean
4a. Asked questions in class or contributed to class discussions	2.70	2.84		2.91	▼
4b. Made a class presentation	1.94	2.06		2.04	
4f. Worked with other students on projects during class	2.61	2.44		2.47	
4g. Worked with classmates outside of class to prepare class assignments	1.89	1.85		1.86	
4h. Tutored or taught other students (paid or voluntary)	1.41	1.37		1.37	
4i. Participated in a community-based project as a part of a regular course	1.34	1.30		1.30	
4r. Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	2.57	2.54		2.56	

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to  $.2$ .]

## Student Effort Bar Charts and Benchmark Item Composition - All Students

Description - Students' own behaviors contribute significantly to their learning and the likelihood that they will successfully attain their educational goals.



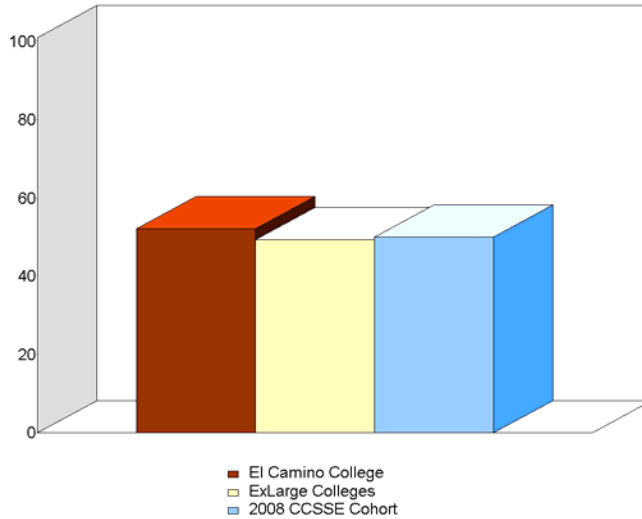
Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>All Students</b>	47.5	48.9	50.0

Student Effort	Your College Mean	Other ExLarge Colleges Mean	Above/ Below Mean	2008 CCSSE Cohort Mean	Above/ Below Mean
4c. Prepared two or more drafts of a paper or assignment before turning it in	2.48	2.45		2.47	
4d. Worked on a paper or project that required integrating ideas or information from various sources	2.67	2.70		2.71	
4e. Came to class without completing readings or assignments	1.95	1.92		1.87	
6b. Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	2.13	2.11		2.08	
10a. Preparing for class (studying, reading, writing, rehearsing, doing homework, or other activities related to your program)	1.93	1.87		1.90	
13d1. Frequency: Peer or other tutoring	1.41	1.47		1.46	
13e1. Frequency: Skill labs (writing, math, etc.)	1.71	1.69		1.71	
13h1. Frequency: Computer lab	1.90	2.04		2.10	▼

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]

## Academic Challenge Bar Charts and Benchmark Item Composition - All Students

Description - Challenging intellectual and creative work is central to student learning and collegiate quality. Ten survey items address the nature and amount of assigned academic work, the complexity of cognitive tasks presented to students, and the standards faculty members use to evaluate student performance.



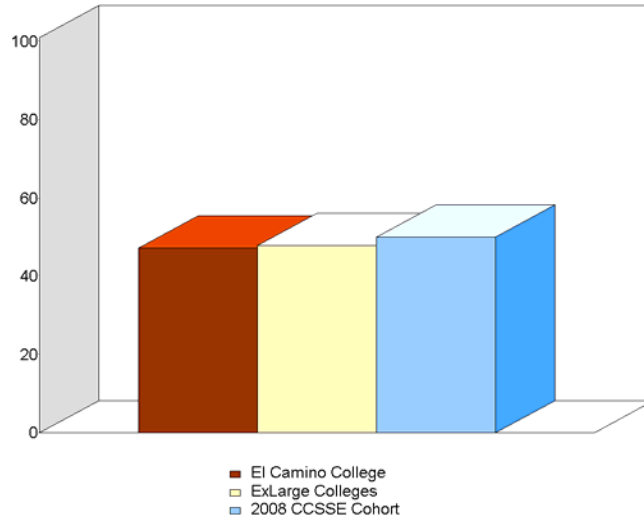
Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>All Students</b>	52.2	49.4	50.0

Academic Challenge	Your College Mean	Other ExLarge Colleges Mean	Above/ Below Mean	2008 CCSSE Cohort Mean	Above/ Below Mean
4p. Worked harder than you thought you could to meet an instructor's standards or expectations	2.54	2.49		2.53	
5b. Analyzing the basic elements of an idea, experience, or theory	2.97	2.87		2.84	
5c. Synthesizing and organizing ideas, information, or experiences in new ways	2.79	2.72		2.71	
5d. Making judgments about the value or soundness of information, arguments, or methods	2.65	2.55		2.55	
5e. Applying theories or concepts to practical problems or in new situations	2.71	2.63		2.64	
5f. Using information you have read or heard to perform a new skill	2.79	2.72		2.75	
6a. Number of assigned textbooks, manuals, books, or book-length packs of course readings	2.93	2.83		2.86	
6c. Number of written papers or reports of any length	2.76	2.80		2.83	
7. Mark the box that best represents the extent to which your examinations during the current school year have challenged you to do your best work at this college	4.84	4.93		5.00	
9a. Encouraging you to spend significant amounts of time studying	3.04	2.95		2.96	

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]

## Student-Faculty Interaction Bar Charts and Benchmark Item Composition - All Students

Description - In general, the more contact students have with their teachers, the more likely they are to learn effectively and persist toward achievement of their educational goals. Through such interactions, faculty members become role models, mentors, and guides for continuous, lifelong learning.



Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>All Students</b>	47.3	47.9	50.0

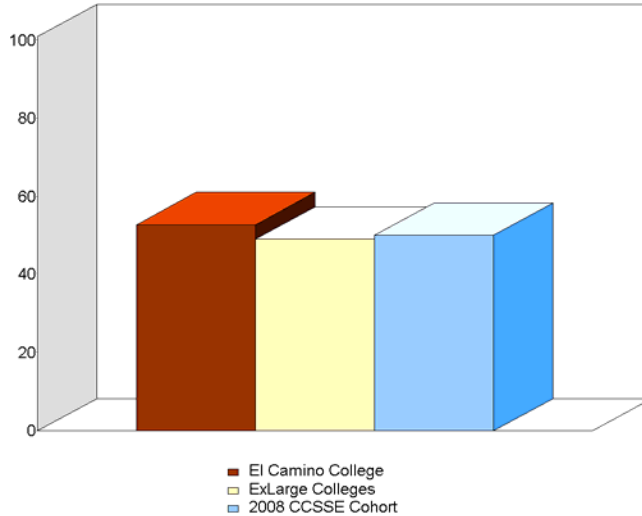
Student-Faculty Interaction	Your College Mean	Other ExLarge Colleges Mean	Above/ Below Mean	2008 CCSSE Cohort Mean	Above/ Below Mean
4k. Used email to communicate with an instructor	2.43	2.51		2.52	
4l. Discussed grades or assignments with an instructor	2.42	2.45		2.52	
4m. Talked about career plans with an instructor or advisor	1.97	1.93		2.02	
4n. Discussed ideas from your readings or classes with instructors outside of class	1.69	1.70		1.73	
4o. Received prompt feedback (written or oral) from instructors on your performance	2.58	2.61		2.66	
4q. Worked with instructors on activities other than coursework	1.40	1.37		1.40	

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]



## Support for Learners Bar Charts and Benchmark Item Composition - All Students

Description - Students perform better and are more satisfied at colleges that are committed to their success and cultivate positive working and social relationships among different groups on campus.



Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>All Students</b>	52.8	49.0	50.0

Support for Learners	Your College Mean	Other ExLarge Colleges Mean	Above/ Below Mean	2008 CCSSE Cohort Mean	Above/ Below Mean
9b. Providing the support you need to help you succeed at this college	2.97	2.91		2.95	
9c. Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	2.63	2.52		2.47	
9d. Helping you cope with your non-academic responsibilities (work, family, etc.)	1.99	1.90		1.93	
9e. Providing the support you need to thrive socially	2.23	2.09		2.11	
9f. Providing the financial support you need to afford your education	2.30	2.29		2.39	
13a1. Frequency: Academic advising/planning	1.75	1.71		1.75	
13b1. Frequency: Career counseling	1.58	1.45		1.43	▲

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]

Community College Survey of Student Engagement  
2008 Benchmark Summary Table - Enrollment Status Breakout  
**EI Camino College**

Part-Time Students				
Benchmark	Your College	Comparison Group Statistics		
			ExLarge Colleges	2008 CCSSE Cohort
Active and Collaborative Learning	47.9	Benchmark Score	46.0	46.5
		Score Difference	1.9	1.3
Student Effort	45.0	Benchmark Score	45.6	47.1
		Score Difference	-0.6	-2.1
Academic Challenge	50.2	Benchmark Score	46.2	46.5
		Score Difference	4.0	3.7
Student-Faculty Interaction	45.2	Benchmark Score	45.0	46.8
		Score Difference	0.2	-1.6
Support for Learners	51.6	Benchmark Score	47.1	48.5
		Score Difference	4.5	3.1
		Number of Colleges	47	585

Full-Time Students				
Benchmark	Your College	Comparison Group Statistics		
			ExLarge Colleges	2008 CCSSE Cohort
Active and Collaborative Learning	53.6	Benchmark Score	55.1	56.0
		Score Difference	-1.5	-2.4
Student Effort	52.9	Benchmark Score	54.9	55.2
		Score Difference	-2.1	-2.4
Academic Challenge	56.5	Benchmark Score	55.5	55.4
		Score Difference	1.0	1.1
Student-Faculty Interaction	51.6	Benchmark Score	53.5	55.9
		Score Difference	-1.8	-4.3
Support for Learners	55.3	Benchmark Score	52.6	53.7
		Score Difference	2.7	1.6
		Number of Colleges	47	585

**Benchmark Score:** Each benchmark score was computed by averaging the scores on survey items that comprise that benchmark. To compensate for disproportionately large numbers of full-time students in the sample, all means used in the creation of the benchmarks are weighted by full- and part-time status. Benchmark scores are standardized so that the weighted mean across all students is 50 and the standard deviation across all participating students is 25. Institutions' benchmark scores are computed by taking the weighted average of their students' standardized scores.

**Score Difference:** The result of subtracting the comparison group score (same size colleges or 2008 CCSSE Cohort) from your college's score on each benchmark.

## 2008 CCSSE Cohort Benchmark Deciles

### Enrollment Status Breakout

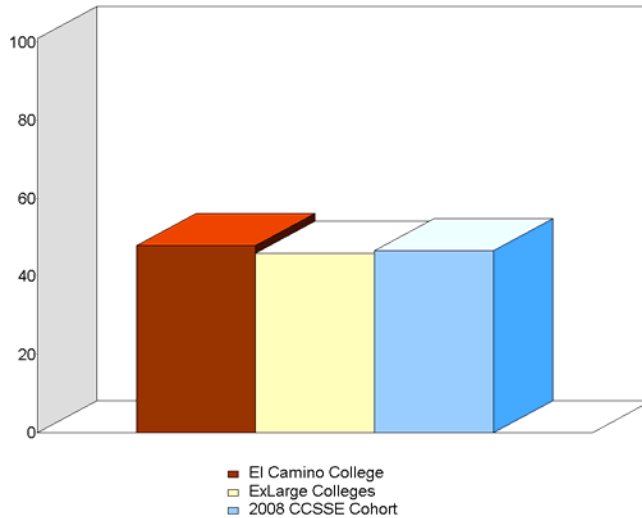
### El Camino College

These tables present the range of institutional scores by decile for the five benchmarks of effective educational practice for all participating students. Deciles are percentile scores that divide the frequency of benchmark scores into ten equal groups. Deciles are listed for the entire 2008 CCSSE Cohort and for each appropriate breakdown according to college size and college urbanicity. A percentile represents the point at or below which a specified percentage of the college benchmark scores fall. For example, the 60th percentile represents the point at or below which 60 percent of the college benchmark scores fall for the respective comparison group. To help you gauge your college's performance relative to the comparison groups, the shaded areas on the national, size, or urbanicity tables indicate the deciles that are less than or equal to your benchmark score.

		Part-Time Students										
		0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
<b>2008 CCSSE Cohort</b>												
Active and Collaborative Learning		33.4	41.5	43.0	44.2	45.2	46.4	47.5	48.4	49.7	51.7	72.8
Student Effort		32.4	42.4	43.8	44.9	45.9	46.8	47.9	49.0	50.2	52.3	69.0
Academic Challenge		33.3	41.7	43.6	44.5	45.4	46.3	47.2	48.2	49.3	51.8	70.9
Student-Faculty Interaction		29.4	41.5	43.3	44.7	45.7	46.7	47.7	48.7	50.0	52.1	63.1
Support for Learners		36.9	42.7	44.2	45.4	47.0	48.3	49.4	50.5	52.1	54.8	63.7
<b>ExLarge Colleges</b>												
Active and Collaborative Learning		41.0	42.7	43.3	43.8	44.6	44.8	46.5	47.5	49.5	50.9	52.0
Student Effort		36.8	40.5	43.1	43.9	44.7	45.4	46.5	47.3	48.4	49.8	54.0
Academic Challenge		39.8	43.2	43.8	45.2	45.7	46.0	46.4	46.8	47.8	50.2	54.1
Student-Faculty Interaction		38.3	40.4	41.4	43.3	44.3	45.2	45.9	46.5	47.6	49.5	52.5
Support for Learners		40.0	42.5	44.1	44.5	45.0	46.8	48.1	48.8	50.1	52.5	56.7
<b>Suburban Colleges</b>												
Active and Collaborative Learning		38.6	41.8	43.4	44.6	45.3	46.2	47.4	48.1	49.7	51.9	60.9
Student Effort		36.8	42.4	43.6	44.8	45.6	46.7	47.6	48.9	49.6	51.6	69.0
Academic Challenge		33.3	43.4	44.3	45.4	46.0	46.7	47.5	48.5	49.7	51.8	70.9
Student-Faculty Interaction		37.9	41.1	43.1	44.5	45.4	46.3	47.4	48.5	49.5	51.0	63.1
Support for Learners		38.8	42.7	44.1	45.1	45.8	47.0	48.7	50.1	51.0	53.8	63.4
		Full-Time Students										
		0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
<b>2008 CCSSE Cohort</b>												
Active and Collaborative Learning		45.4	50.6	52.2	53.5	54.6	55.7	56.7	58.0	59.7	61.7	75.0
Student Effort		41.5	50.5	51.9	52.8	53.9	54.7	55.9	57.1	58.4	60.5	71.0
Academic Challenge		38.9	51.1	52.6	53.7	54.5	55.2	55.9	56.8	58.2	60.3	73.8
Student-Faculty Interaction		42.2	50.9	52.4	53.6	54.8	55.7	56.6	57.6	59.1	61.5	74.1
Support for Learners		37.0	48.3	49.7	50.9	52.0	53.2	54.3	55.7	57.4	60.0	73.9
<b>ExLarge Colleges</b>												
Active and Collaborative Learning		47.7	50.4	51.8	53.3	53.6	54.4	55.2	56.5	57.8	60.7	66.0
Student Effort		47.8	50.1	51.7	53.7	53.9	54.2	55.5	56.2	58.0	59.8	62.8
Academic Challenge		51.3	52.3	53.7	54.1	54.6	55.0	55.6	56.4	57.3	59.3	62.6
Student-Faculty Interaction		46.8	49.1	50.3	51.6	52.8	53.2	54.2	55.4	56.2	58.3	60.4
Support for Learners		45.9	47.5	49.2	50.7	51.4	52.4	53.0	53.5	54.5	58.7	66.2
<b>Suburban Colleges</b>												
Active and Collaborative Learning		47.4	50.0	51.6	52.9	54.2	55.3	56.3	57.1	58.6	60.7	74.7
Student Effort		47.8	50.3	51.4	52.4	53.2	54.1	55.5	56.0	57.6	59.6	67.4
Academic Challenge		49.8	52.1	53.4	54.1	54.8	55.5	55.9	56.7	57.8	60.1	64.9
Student-Faculty Interaction		45.1	50.3	52.1	52.7	54.2	55.4	56.3	57.0	58.2	59.8	74.1
Support for Learners		41.7	47.5	49.4	50.0	51.2	52.4	53.8	55.2	56.6	59.2	73.0

## Active and Collaborative Learning Bar Charts and Benchmark Item Composition - Part-Time Students

Description - Students learn more when they are actively involved in their education and have opportunities to think about and apply what they are learning in different settings. Through collaborating with others to solve problems or master challenging content, students develop valuable skills that prepare them to deal with the kinds of situations and problems they will encounter in the workplace, the community, and their personal lives.



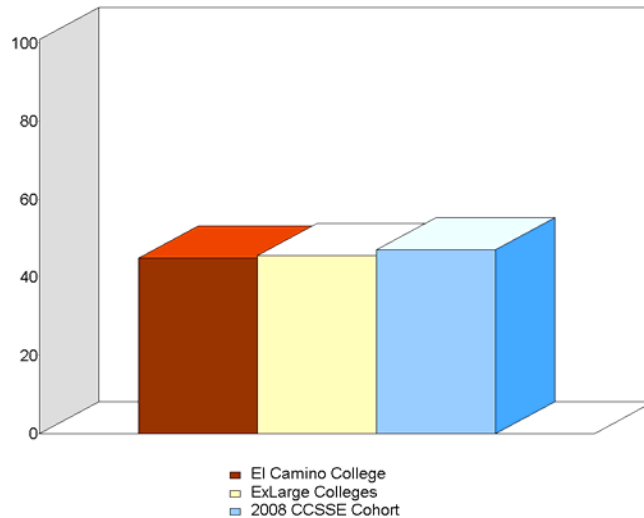
Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>Part-Time</b>	47.9	46.0	46.5

Active and Collaborative Learning	Your College Mean	Other ExLarge Colleges Mean	Above/ Below Mean	2008 CCSSE Cohort Mean	Above/ Below Mean
4a. Asked questions in class or contributed to class discussions	2.69	2.81		2.88	▼
4b. Made a class presentation	1.83	1.94		1.91	
4f. Worked with other students on projects during class	2.61	2.38	▲	2.39	▲
4g. Worked with classmates outside of class to prepare class assignments	1.83	1.76		1.74	
4h. Tutored or taught other students (paid or voluntary)	1.39	1.32		1.31	
4i. Participated in a community-based project as a part of a regular course	1.32	1.25		1.24	
4r. Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	2.55	2.50		2.52	

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]

## Student Effort Bar Charts and Benchmark Item Composition - Part-Time Students

Description - Students' own behaviors contribute significantly to their learning and the likelihood that they will successfully attain their educational goals.



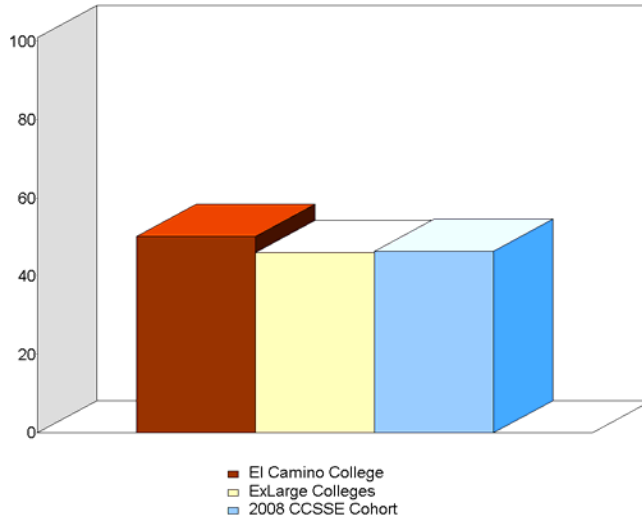
Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>Part-Time</b>	45.0	45.6	47.1

Student Effort	Your College Mean	Other ExLarge Colleges Mean	Above/ Below Mean	2008 CCSSE Cohort Mean	Above/ Below Mean
4c. Prepared two or more drafts of a paper or assignment before turning it in	2.39	2.35		2.36	
4d. Worked on a paper or project that required integrating ideas or information from various sources	2.56	2.56		2.56	
4e. Came to class without completing readings or assignments	1.90	1.88		1.81	
6b. Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	2.10	2.11		2.09	
10a. Preparing for class (studying, reading, writing, rehearsing, doing homework, or other activities related to your program)	1.84	1.74		1.77	
13d1. Frequency: Peer or other tutoring	1.35	1.43		1.43	
13e1. Frequency: Skill labs (writing, math, etc.)	1.67	1.65		1.66	
13h1. Frequency: Computer lab	1.84	1.95		1.98	

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]

## Academic Challenge Bar Charts and Benchmark Item Composition - Part-Time Students

Description - Challenging intellectual and creative work is central to student learning and collegiate quality. Ten survey items address the nature and amount of assigned academic work, the complexity of cognitive tasks presented to students, and the standards faculty members use to evaluate student performance.



Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>Part-Time</b>	50.2	46.2	46.5

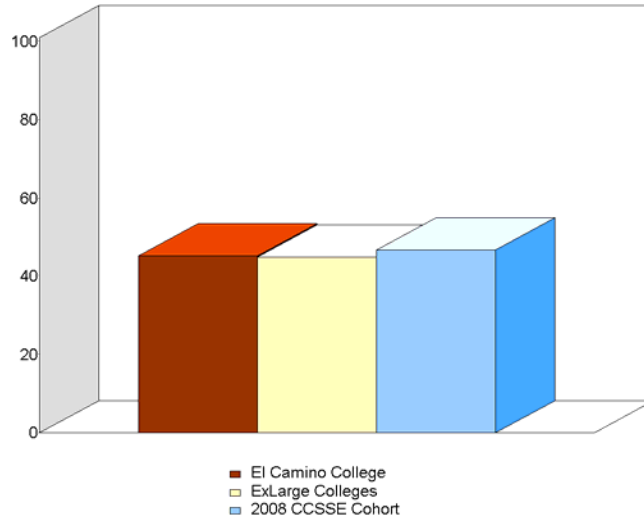
Academic Challenge	Your College Mean	Other ExLarge Colleges Mean	Above/ Below Mean	2008 CCSSE Cohort Mean	Above/ Below Mean
4p. Worked harder than you thought you could to meet an instructor's standards or expectations	2.52	2.43		2.48	
5b. Analyzing the basic elements of an idea, experience, or theory	2.95	2.82		2.80	
5c. Synthesizing and organizing ideas, information, or experiences in new ways	2.76	2.67		2.66	
5d. Making judgments about the value or soundness of information, arguments, or methods	2.61	2.48		2.47	
5e. Applying theories or concepts to practical problems of in new situations	2.70	2.57		2.58	
5f. Using information you have read or heard to perform a new skill	2.79	2.67		2.68	
6a. Number of assigned textbooks, manuals, books, or book-length packs of course readings	2.80	2.67		2.68	
6c. Number of written papers or reports of any length	2.58	2.59		2.59	
7. Mark the box that best represents the extent to which your examinations during the current school year have challenged you to do your best work at this college	4.80	4.91		4.98	
9a. Encouraging you to spend significant amounts of time studying	2.99	2.90		2.91	

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]



## Student-Faculty Interaction Bar Charts and Benchmark Item Composition - Part-Time Students

Description - In general, the more contact students have with their teachers, the more likely they are to learn effectively and persist toward achievement of their educational goals. Through such interactions, faculty members become role models, mentors, and guides for continuous, lifelong learning.



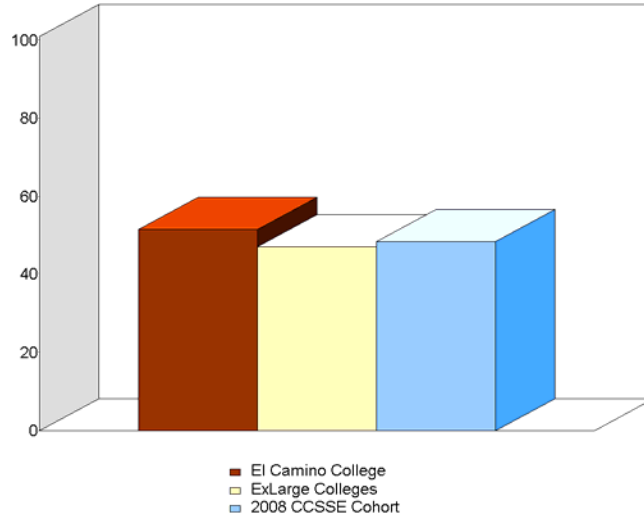
Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>Part-Time</b>	45.2	45.0	46.8

Student-Faculty Interaction	Your College Mean	Other ExLarge Colleges Mean	Above/ Below Mean	2008 CCSSE Cohort Mean	Above/ Below Mean
4k. Used email to communicate with an instructor	2.36	2.40		2.39	
4l. Discussed grades or assignments with an instructor	2.40	2.38		2.43	
4m. Talked about career plans with an instructor or advisor	1.92	1.85		1.90	
4n. Discussed ideas from your readings or classes with instructors outside of class	1.65	1.64		1.65	
4o. Received prompt feedback (written or oral) from instructors on your performance	2.54	2.60		2.64	
4q. Worked with instructors on activities other than coursework	1.38	1.33		1.33	

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]

## Support for Learners Bar Charts and Benchmark Item Composition - Part-Time Students

Description - Students perform better and are more satisfied at colleges that are committed to their success and cultivate positive working and social relationships among different groups on campus.



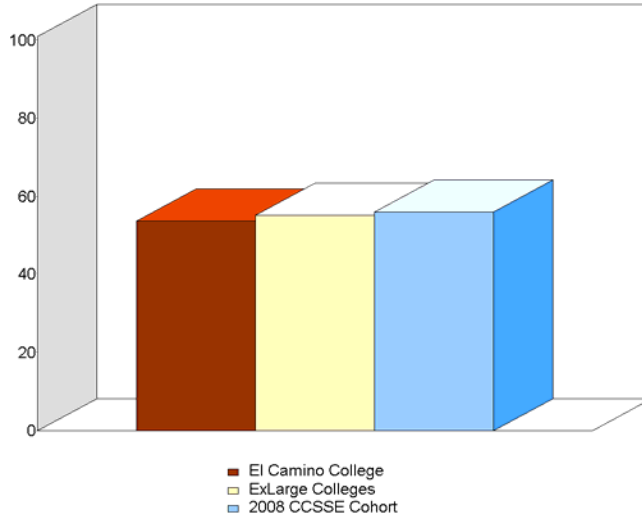
Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>Part-Time</b>	51.6	47.1	48.5

Support for Learners	Your College Mean	Other ExLarge Colleges Mean	Above/ Below Mean	2008 CCSSE Cohort Mean	Above/ Below Mean
9b. Providing the support you need to help you succeed at this college	2.95	2.88		2.92	
9c. Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	2.61	2.48		2.43	
9d. Helping you cope with your non-academic responsibilities (work, family, etc.)	1.98	1.86		1.88	
9e. Providing the support you need to thrive socially	2.21	2.03		2.05	
9f. Providing the financial support you need to afford your education	2.25	2.19		2.27	
13a1. Frequency: Academic advising/planning	1.68	1.67		1.70	
13b1. Frequency: Career counseling	1.53	1.43		1.41	▲

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]

**Active and Collaborative Learning**  
**Bar Charts and Benchmark Item Composition - Full-Time Students**

Description - Students learn more when they are actively involved in their education and have opportunities to think about and apply what they are learning in different settings. Through collaborating with others to solve problems or master challenging content, students develop valuable skills that prepare them to deal with the kinds of situations and problems they will encounter in the workplace, the community, and their personal lives.



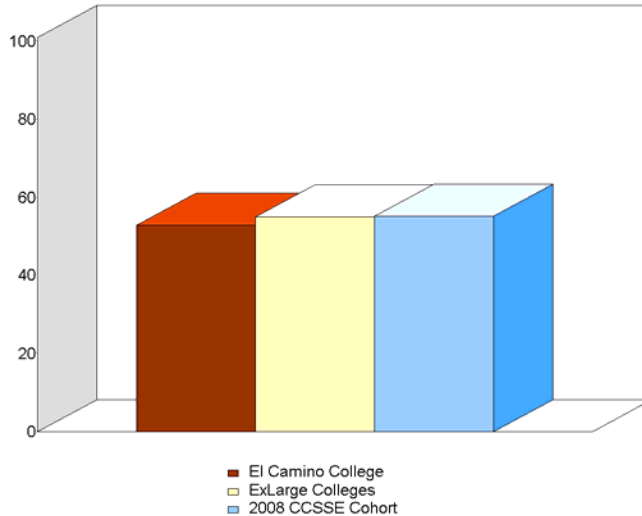
<b>Benchmark Scores</b>			
	<b>El Camino College</b>	<b>ExLarge Colleges</b>	<b>2008 CCSSE Cohort</b>
<b>Full-Time</b>	53.6	55.1	56.0

<b>Active and Collaborative Learning</b>	<b>Your College Mean</b>	<b>Other ExLarge Colleges Mean</b>	<b>Above/ Below Mean</b>	<b>2008 CCSSE Cohort Mean</b>	<b>Above/ Below Mean</b>
4a. Asked questions in class or contributed to class discussions	2.73	2.88		2.95	▼
4b. Made a class presentation	2.17	2.28		2.25	
4f. Worked with other students on projects during class	2.61	2.56		2.57	
4g. Worked with classmates outside of class to prepare class assignments	2.02	2.02		2.02	
4h. Tutored or taught other students (paid or voluntary)	1.46	1.47		1.46	
4i. Participated in a community-based project as a part of a regular course	1.40	1.40		1.39	
4r. Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	2.62	2.62		2.62	

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]

**Student Effort**  
**Bar Charts and Benchmark Item Composition - Full-Time Students**

Description - Students' own behaviors contribute significantly to their learning and the likelihood that they will successfully attain their educational goals.



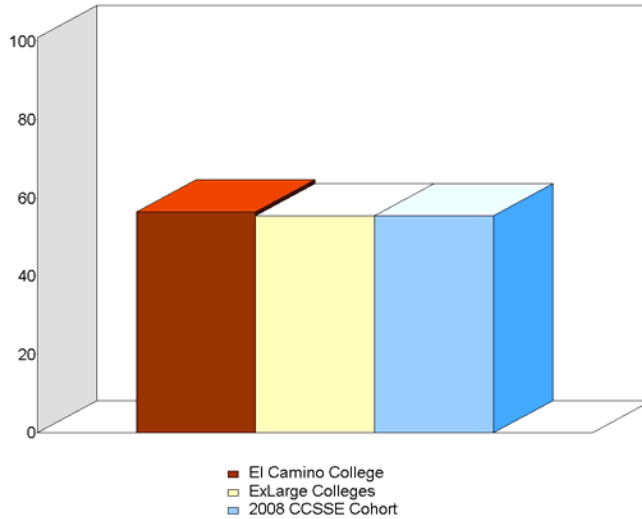
<b>Benchmark Scores</b>			
	<b>El Camino College</b>	<b>ExLarge Colleges</b>	<b>2008 CCSSE Cohort</b>
<b>Full-Time</b>	52.9	54.9	55.2

<b>Student Effort</b>	<b>Your College Mean</b>	<b>Other ExLarge Colleges Mean</b>	<b>Above/ Below Mean</b>	<b>2008 CCSSE Cohort Mean</b>	<b>Above/ Below Mean</b>
4c. Prepared two or more drafts of a paper or assignment before turning it in	2.66	2.64		2.63	
4d. Worked on a paper or project that required integrating ideas or information from various sources	2.91	2.95		2.92	
4e. Came to class without completing readings or assignments	2.06	1.99		1.97	
6b. Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	2.18	2.12		2.06	
10a. Preparing for class (studying, reading, writing, rehearsing, doing homework, or other activities related to your program)	2.12	2.12		2.11	
13d1. Frequency: Peer or other tutoring	1.52	1.53		1.50	
13e1. Frequency: Skill labs (writing, math, etc.)	1.77	1.76		1.77	
13h1. Frequency: Computer lab	2.02	2.20	▼	2.24	▼

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]

## Academic Challenge Bar Charts and Benchmark Item Composition - Full-Time Students

Description - Challenging intellectual and creative work is central to student learning and collegiate quality. Ten survey items address the nature and amount of assigned academic work, the complexity of cognitive tasks presented to students, and the standards faculty members use to evaluate student performance.



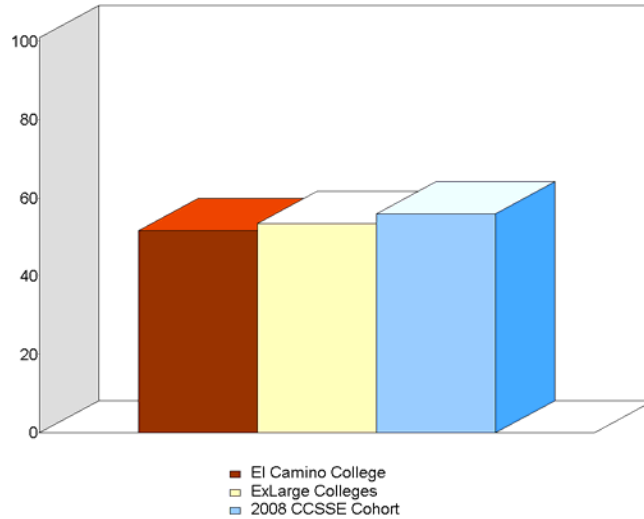
Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>Full-Time</b>	56.5	55.5	55.4

Academic Challenge	Your College Mean	Other ExLarge Colleges Mean	Above/ Below Mean	2008 CCSSE Cohort Mean	Above/ Below Mean
4p. Worked harder than you thought you could to meet an instructor's standards or expectations	2.59	2.59		2.61	
5b. Analyzing the basic elements of an idea, experience, or theory	3.01	2.96		2.91	
5c. Synthesizing and organizing ideas, information, or experiences in new ways	2.84	2.82		2.78	
5d. Making judgments about the value or soundness of information, arguments, or methods	2.74	2.70		2.66	
5e. Applying theories or concepts to practical problems of in new situations	2.73	2.74		2.74	
5f. Using information you have read or heard to perform a new skill	2.81	2.81		2.84	
6a. Number of assigned textbooks, manuals, books, or book-length packs of course readings	3.20	3.12		3.12	
6c. Number of written papers or reports of any length	3.15	3.19		3.17	
7. Mark the box that best represents the extent to which your examinations during the current school year have challenged you to do your best work at this college	4.91	4.97		5.03	
9a. Encouraging you to spend significant amounts of time studying	3.13	3.03		3.03	

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]

## Student-Faculty Interaction Bar Charts and Benchmark Item Composition - Full-Time Students

Description - In general, the more contact students have with their teachers, the more likely they are to learn effectively and persist toward achievement of their educational goals. Through such interactions, faculty members become role models, mentors, and guides for continuous, lifelong learning.



Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>Full-Time</b>	51.6	53.5	55.9

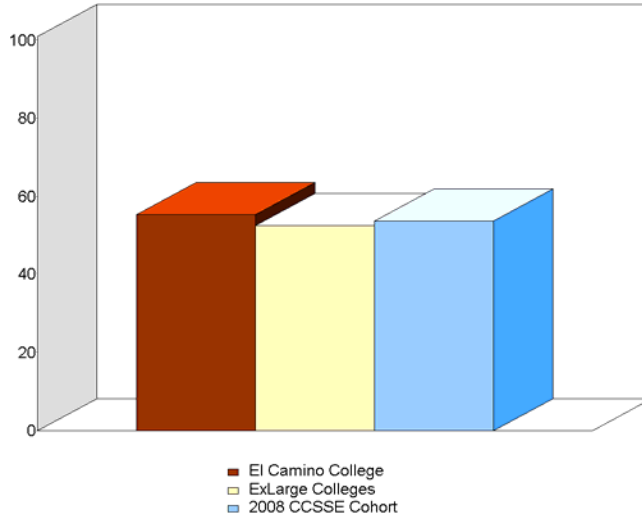
Student-Faculty Interaction	Your College Mean	Other ExLarge Colleges Mean	Above/ Below Mean	2008 CCSSE Cohort Mean	Above/ Below Mean
4k. Used email to communicate with an instructor	2.58	2.73		2.72	
4l. Discussed grades or assignments with an instructor	2.48	2.58		2.64	
4m. Talked about career plans with an instructor or advisor	2.09	2.10		2.18	
4n. Discussed ideas from your readings or classes with instructors outside of class	1.79	1.81		1.84	
4o. Received prompt feedback (written or oral) from instructors on your performance	2.66	2.65		2.69	
4q. Worked with instructors on activities other than coursework	1.45	1.45		1.50	

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]



## Support for Learners Bar Charts and Benchmark Item Composition - Full-Time Students

Description - Students perform better and are more satisfied at colleges that are committed to their success and cultivate positive working and social relationships among different groups on campus.



Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>Full-Time</b>	55.3	52.6	53.7

Support for Learners	Your College Mean	Other ExLarge Colleges Mean	Above/ Below Mean	2008 CCSSE Cohort Mean	Above/ Below Mean
9b. Providing the support you need to help you succeed at this college	3.02	2.97		3.00	
9c. Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	2.67	2.60		2.55	
9d. Helping you cope with your non-academic responsibilities (work, family, etc.)	2.02	1.97		1.99	
9e. Providing the support you need to thrive socially	2.27	2.18		2.20	
9f. Providing the financial support you need to afford your education	2.41	2.47		2.55	
13a1. Frequency: Academic advising/planning	1.87	1.79		1.82	
13b1. Frequency: Career counseling	1.66	1.50	▲	1.46	▲

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]

Community College Survey of Student Engagement  
2008 Benchmark Summary Table - Credit Hour Status Breakout  
**El Camino College**

0 to 29 Credits				
Benchmark	Your College	Comparison Group Statistics		
			ExLarge Colleges	2008 CCSSE Cohort
Active and Collaborative Learning	46.7	Benchmark Score	46.6	47.7
		Score Difference	0.1	-1.0
Student Effort	45.7	Benchmark Score	47.3	49.3
		Score Difference	-1.6	-3.5
Academic Challenge	50.3	Benchmark Score	47.4	48.1
		Score Difference	2.9	2.2
Student-Faculty Interaction	45.6	Benchmark Score	45.9	48.2
		Score Difference	-0.3	-2.6
Support for Learners	52.4	Benchmark Score	48.3	50.0
		Score Difference	4.1	2.5
		Number of Colleges	47	585

30+ Credits				
Benchmark	Your College	Comparison Group Statistics		
			ExLarge Colleges	2008 CCSSE Cohort
Active and Collaborative Learning	54.4	Benchmark Score	53.8	56.3
		Score Difference	0.6	-1.8
Student Effort	50.1	Benchmark Score	51.4	52.8
		Score Difference	-1.3	-2.6
Academic Challenge	55.5	Benchmark Score	53.2	54.6
		Score Difference	2.4	0.9
Student-Faculty Interaction	50.3	Benchmark Score	51.8	55.8
		Score Difference	-1.6	-5.6
Support for Learners	52.7	Benchmark Score	49.9	51.9
		Score Difference	2.8	0.8
		Number of Colleges	47	585

**Benchmark Score:** Each benchmark score was computed by averaging the scores on survey items that comprise that benchmark. To compensate for disproportionately large numbers of full-time students in the sample, all means used in the creation of the benchmarks are weighted by full- and part-time status. Benchmark scores are standardized so that the weighted mean across all students is 50 and the standard deviation across all participating students is 25. Institutions' benchmark scores are computed by taking the weighted average of their students' standardized scores.

**Score Difference:** The result of subtracting the comparison group score (same size colleges or 2008 CCSSE Cohort) from your college's score on each benchmark.

## 2008 CCSSE Cohort Benchmark Deciles

### Credit Hour Status Breakout

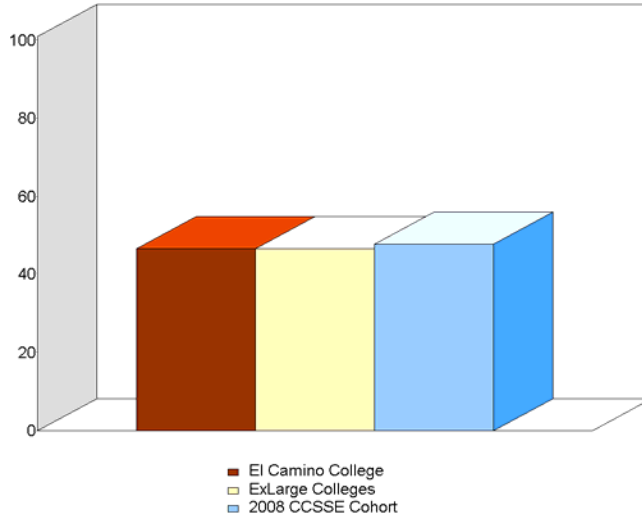
### El Camino College

These tables present the range of institutional scores by decile for the five benchmarks of effective educational practice for all participating students. Deciles are percentile scores that divide the frequency of benchmark scores into ten equal groups. Deciles are listed for the entire 2008 CCSSE Cohort and for each appropriate breakdown according to college size and college urbanicity. A percentile represents the point at or below which a specified percentage of the college benchmark scores fall. For example, the 60th percentile represents the point at or below which 60 percent of the college benchmark scores fall for the respective comparison group. To help you gauge your college's performance relative to the comparison groups, the shaded areas on the national, size or urbanicity tables indicate the deciles that are less than or equal to your benchmark score.

		0 to 29 Credits										
		0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
<b>2008 CCSSE Cohort</b>												
Active and Collaborative Learning		36.1	42.8	44.3	45.5	46.3	47.3	48.4	49.5	50.7	53.0	71.9
Student Effort		37.7	44.5	45.9	46.9	48.0	48.8	50.0	51.0	52.4	54.7	66.1
Academic Challenge		31.6	44.3	45.5	46.3	47.0	47.6	48.4	49.4	50.7	52.6	64.8
Student-Faculty Interaction		38.1	43.4	44.9	45.9	47.0	47.8	48.9	49.8	51.3	53.6	62.5
Support for Learners		36.9	44.5	46.3	47.4	48.6	49.6	50.7	51.7	53.5	56.2	67.6
<b>ExLarge Colleges</b>												
Active and Collaborative Learning		41.1	42.2	43.7	44.6	45.5	45.7	47.1	48.3	49.2	51.9	53.3
Student Effort		37.7	42.4	45.0	45.6	46.3	47.3	48.0	49.1	50.6	52.4	56.0
Academic Challenge		39.0	44.3	45.4	46.1	46.7	47.3	48.0	48.7	49.2	51.3	54.1
Student-Faculty Interaction		38.1	40.5	42.9	43.9	44.9	45.7	47.5	47.9	48.9	51.3	52.7
Support for Learners		39.6	43.8	44.5	46.4	47.0	48.5	49.3	49.5	50.9	54.5	59.2
<b>Suburban Colleges</b>												
Active and Collaborative Learning		40.1	43.3	44.6	45.6	46.0	46.7	47.9	49.0	50.4	51.9	61.3
Student Effort		40.2	44.2	45.4	46.4	47.3	48.2	49.1	50.6	51.6	54.1	59.6
Academic Challenge		40.3	45.1	46.0	47.0	47.6	48.3	49.0	49.9	50.7	52.8	60.7
Student-Faculty Interaction		39.4	42.5	45.0	45.7	46.4	47.7	48.6	49.9	50.9	52.4	61.0
Support for Learners		40.9	44.4	45.8	46.7	47.8	48.7	49.7	50.8	52.4	54.5	64.7
		30+ Credits										
		0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
<b>2008 CCSSE Cohort</b>												
Active and Collaborative Learning		43.8	50.4	52.0	53.4	54.8	55.9	57.1	58.5	59.9	62.5	79.1
Student Effort		40.8	47.4	49.2	50.4	51.5	52.4	53.2	54.5	56.0	58.3	72.1
Academic Challenge		37.6	49.2	50.9	52.3	53.2	54.4	55.4	56.7	58.0	60.6	75.8
Student-Faculty Interaction		43.5	49.7	52.0	53.2	54.4	55.5	56.7	57.9	59.7	62.1	74.9
Support for Learners		34.3	45.5	47.5	48.8	50.0	51.3	52.6	54.3	55.7	58.7	77.6
<b>ExLarge Colleges</b>												
Active and Collaborative Learning		47.7	49.6	51.1	51.8	52.4	53.1	54.7	54.9	56.7	58.8	61.8
Student Effort		45.4	47.7	48.6	49.1	50.4	50.8	51.9	52.8	54.5	56.1	62.6
Academic Challenge		48.7	50.0	50.9	51.5	52.3	52.8	53.2	54.0	54.8	57.0	62.4
Student-Faculty Interaction		44.4	48.2	49.2	50.2	50.6	51.7	52.7	53.8	54.5	56.1	58.3
Support for Learners		42.3	44.7	47.0	48.3	49.1	49.7	50.1	50.9	51.8	55.7	58.4
<b>Suburban Colleges</b>												
Active and Collaborative Learning		46.5	50.3	52.0	52.8	53.9	54.9	56.0	58.0	59.5	61.8	79.1
Student Effort		44.4	47.6	49.0	50.1	51.0	51.7	52.4	53.6	55.0	57.9	66.4
Academic Challenge		46.3	50.2	51.3	52.4	52.9	53.8	54.6	56.1	57.4	58.8	65.2
Student-Faculty Interaction		44.9	48.7	50.8	52.1	53.3	54.5	55.5	56.8	58.1	61.6	72.8
Support for Learners		41.7	44.5	46.9	48.0	49.2	50.1	51.9	52.8	55.1	58.4	71.5

**Active and Collaborative Learning**  
**Bar Charts and Benchmark Item Composition - 0 to 29 Credits Students**

Description - Students learn more when they are actively involved in their education and have opportunities to think about and apply what they are learning in different settings. Through collaborating with others to solve problems or master challenging content, students develop valuable skills that prepare them to deal with the kinds of situations and problems they will encounter in the workplace, the community, and their personal lives.



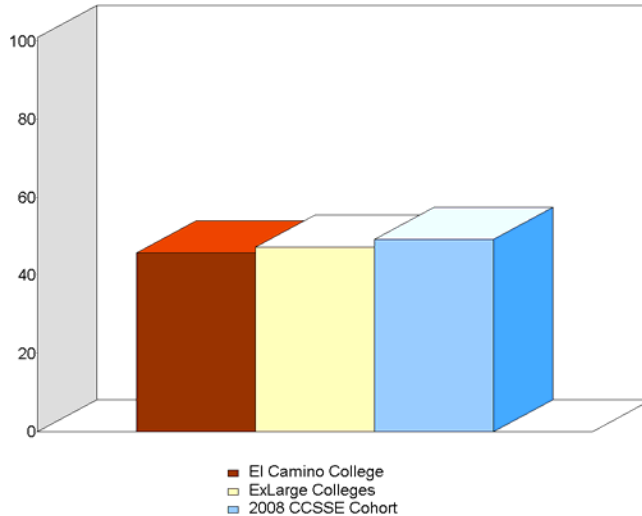
	Benchmark Scores		
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>0 to 29 Credits</b>	46.7	46.6	47.7

Active and Collaborative Learning	Your College Mean	Other ExLarge Colleges Mean	Above/Below Mean	2008 CCSSE Cohort Mean	Above/Below Mean
4a. Asked questions in class or contributed to class discussions	2.68	2.81		2.88	▼
4b. Made a class presentation	1.86	1.98		1.96	
4f. Worked with other students on projects during class	2.56	2.41		2.43	
4g. Worked with classmates outside of class to prepare class assignments	1.78	1.77		1.78	
4h. Tutored or taught other students (paid or voluntary)	1.34	1.32		1.32	
4i. Participated in a community-based project as a part of a regular course	1.34	1.26		1.26	
4r. Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	2.51	2.51		2.53	

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]

**Student Effort**  
**Bar Charts and Benchmark Item Composition - 0 to 29 Credits Students**

Description - Students' own behaviors contribute significantly to their learning and the likelihood that they will successfully attain their educational goals.



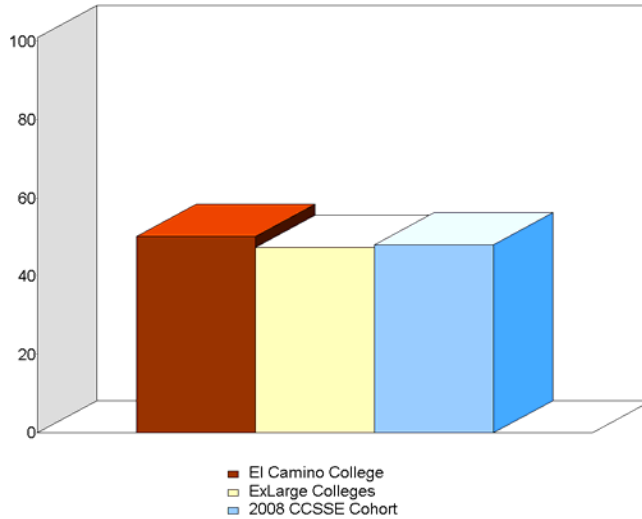
Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>0 to 29 Credits</b>	45.7	47.3	49.3

Student Effort	Your College Mean	Other ExLarge Colleges Mean	Above/ Below Mean	2008 CCSSE Cohort Mean	Above/ Below Mean
4c. Prepared two or more drafts of a paper or assignment before turning it in	2.50	2.44		2.47	
4d. Worked on a paper or project that required integrating ideas or information from various sources	2.59	2.64		2.65	
4e. Came to class without completing readings or assignments	1.90	1.90		1.85	
6b. Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	2.12	2.09		2.06	
10a. Preparing for class (studying, reading, writing, rehearsing, doing homework, or other activities related to your program)	1.83	1.80		1.83	
13d1. Frequency: Peer or other tutoring	1.35	1.44		1.44	
13e1. Frequency: Skill labs (writing, math, etc.)	1.64	1.68		1.71	
13h1. Frequency: Computer lab	1.87	2.00		2.06	▼

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]

**Academic Challenge**  
**Bar Charts and Benchmark Item Composition - 0 to 29 Credits Students**

Description - Challenging intellectual and creative work is central to student learning and collegiate quality. Ten survey items address the nature and amount of assigned academic work, the complexity of cognitive tasks presented to students, and the standards faculty members use to evaluate student performance.



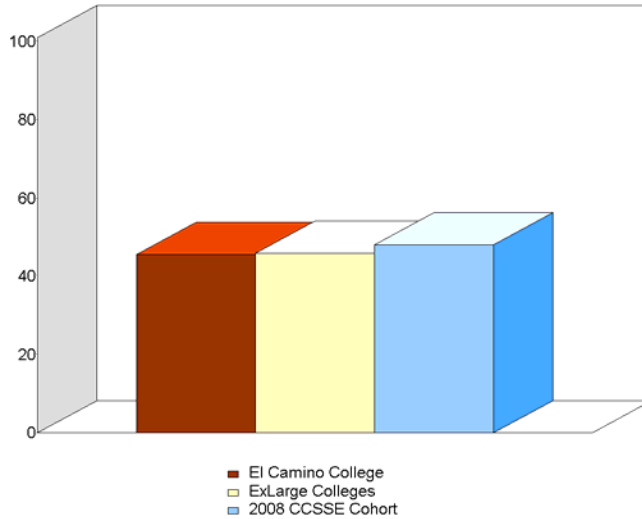
Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>0 to 29 Credits</b>	50.3	47.4	48.1

Academic Challenge	Your College Mean	Other ExLarge Colleges Mean	Above/ Below Mean	2008 CCSSE Cohort Mean	Above/ Below Mean
4p. Worked harder than you thought you could to meet an instructor's standards or expectations	2.52	2.45		2.50	
5b. Analyzing the basic elements of an idea, experience, or theory	2.90	2.83		2.79	
5c. Synthesizing and organizing ideas, information, or experiences in new ways	2.73	2.68		2.67	
5d. Making judgments about the value or soundness of information, arguments, or methods	2.59	2.51		2.50	
5e. Applying theories or concepts to practical problems of in new situations	2.65	2.57		2.58	
5f. Using information you have read or heard to perform a new skill	2.78	2.68		2.70	
6a. Number of assigned textbooks, manuals, books, or book-length packs of course readings	2.87	2.78		2.80	
6c. Number of written papers or reports of any length	2.75	2.77		2.79	
7. Mark the box that best represents the extent to which your examinations during the current school year have challenged you to do your best work at this college	4.79	4.85		4.92	
9a. Encouraging you to spend significant amounts of time studying	3.01	2.90		2.91	

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]

## Student-Faculty Interaction Bar Charts and Benchmark Item Composition - 0 to 29 Credits Students

Description - In general, the more contact students have with their teachers, the more likely they are to learn effectively and persist toward achievement of their educational goals. Through such interactions, faculty members become role models, mentors, and guides for continuous, lifelong learning.



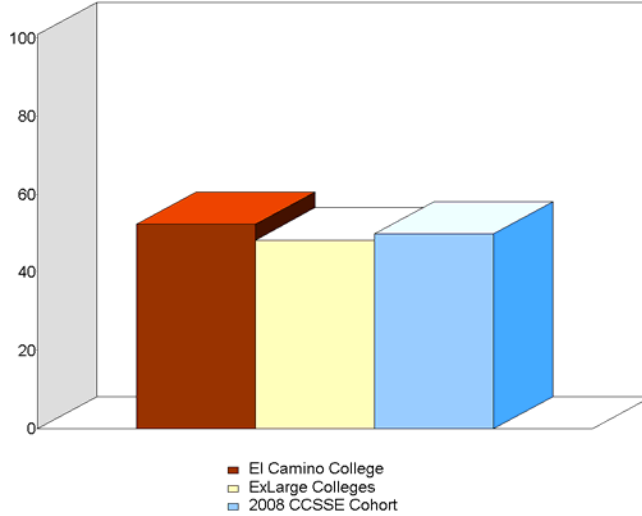
Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>0 to 29 Credits</b>	45.6	45.9	48.2

Student-Faculty Interaction	Your College Mean	Other ExLarge Colleges Mean	Above/ Below Mean	2008 CCSSE Cohort Mean	Above/ Below Mean
4k. Used email to communicate with an instructor	2.39	2.44		2.44	
4l. Discussed grades or assignments with an instructor	2.38	2.41		2.47	
4m. Talked about career plans with an instructor or advisor	1.91	1.88		1.95	
4n. Discussed ideas from your readings or classes with instructors outside of class	1.65	1.65		1.68	
4o. Received prompt feedback (written or oral) from instructors on your performance	2.56	2.59		2.64	
4q. Worked with instructors on activities other than coursework	1.38	1.34		1.36	

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]

**Support for Learners**  
**Bar Charts and Benchmark Item Composition - 0 to 29 Credits Students**

Description - Students perform better and are more satisfied at colleges that are committed to their success and cultivate positive working and social relationships among different groups on campus.



<b>Benchmark Scores</b>			
	<b>El Camino College</b>	<b>ExLarge Colleges</b>	<b>2008 CCSSE Cohort</b>
<b>0 to 29 Credits</b>	52.4	48.3	50.0

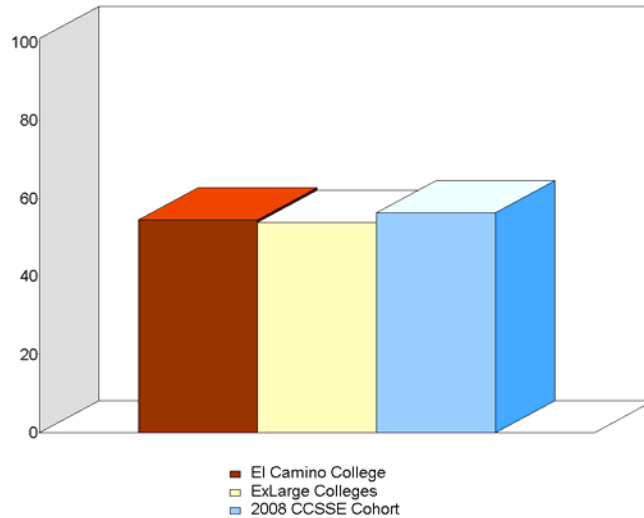
<b>Support for Learners</b>	<b>Your College Mean</b>	<b>Other ExLarge Colleges Mean</b>	<b>Above/ Below Mean</b>	<b>2008 CCSSE Cohort Mean</b>	<b>Above/ Below Mean</b>
9b. Providing the support you need to help you succeed at this college	3.00	2.90		2.94	
9c. Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	2.65	2.50		2.45	
9d. Helping you cope with your non-academic responsibilities (work, family, etc.)	2.01	1.90		1.92	
9e. Providing the support you need to thrive socially	2.23	2.08		2.11	
9f. Providing the financial support you need to afford your education	2.33	2.29		2.38	
13a1. Frequency: Academic advising/planning	1.67	1.67		1.71	
13b1. Frequency: Career counseling	1.51	1.43		1.42	

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]



## Active and Collaborative Learning Bar Charts and Benchmark Item Composition - 30+ Credits Students

Description - Students learn more when they are actively involved in their education and have opportunities to think about and apply what they are learning in different settings. Through collaborating with others to solve problems or master challenging content, students develop valuable skills that prepare them to deal with the kinds of situations and problems they will encounter in the workplace, the community, and their personal lives.



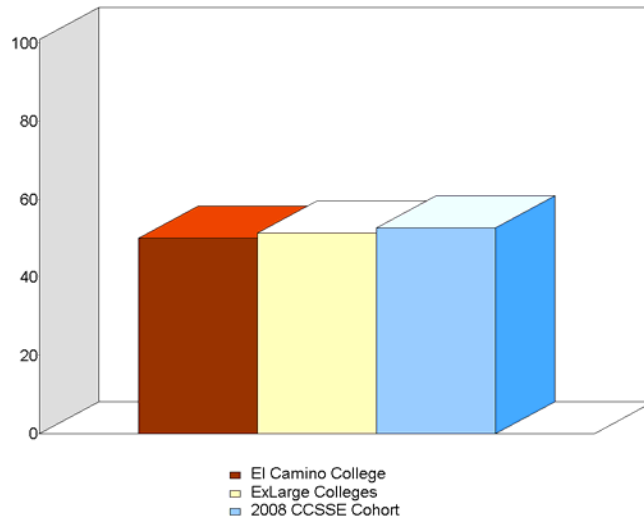
Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>30+ Credits</b>	54.4	53.8	56.3

Active and Collaborative Learning	Your College Mean	Other ExLarge Colleges Mean	Above/ Below Mean	2008 CCSSE Cohort Mean	Above/ Below Mean
4a. Asked questions in class or contributed to class discussions	2.76	2.89		2.98	▼
4b. Made a class presentation	2.07	2.23		2.23	
4f. Worked with other students on projects during class	2.68	2.50	▲	2.55	
4g. Worked with classmates outside of class to prepare class assignments	2.07	2.00		2.03	
4h. Tutored or taught other students (paid or voluntary)	1.52	1.46		1.46	
4i. Participated in a community-based project as a part of a regular course	1.33	1.37		1.40	
4r. Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	2.68	2.60		2.64	

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]

## Student Effort Bar Charts and Benchmark Item Composition - 30+ Credits Students

Description - Students' own behaviors contribute significantly to their learning and the likelihood that they will successfully attain their educational goals.



Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>30+ Credits</b>	50.1	51.4	52.8

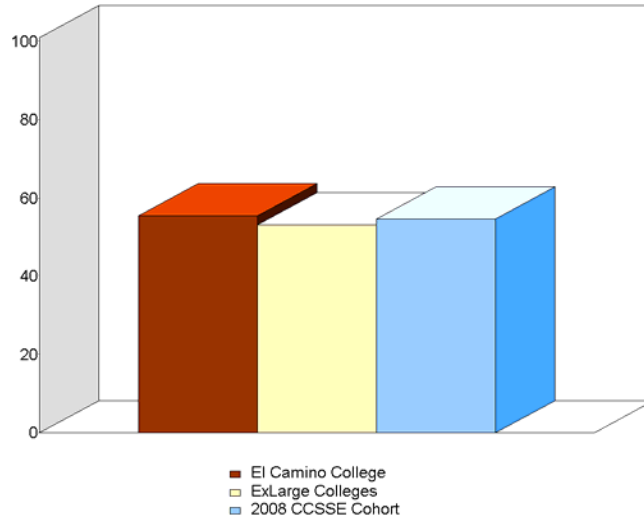
Student Effort	Your College Mean	Other ExLarge Colleges Mean	Above/Below Mean	2008 CCSSE Cohort Mean	Above/Below Mean
4c. Prepared two or more drafts of a paper or assignment before turning it in	2.43	2.46		2.47	
4d. Worked on a paper or project that required integrating ideas or information from various sources	2.78	2.81		2.84	
4e. Came to class without completing readings or assignments	2.02	1.96		1.91	
6b. Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	2.16	2.16		2.12	
10a. Preparing for class (studying, reading, writing, rehearsing, doing homework, or other activities related to your program)	2.13	2.00		2.06	
13d1. Frequency: Peer or other tutoring	1.52	1.53		1.49	
13e1. Frequency: Skill labs (writing, math, etc.)	1.80	1.70		1.70	
13h1. Frequency: Computer lab	1.97	2.13	▼	2.18	▼

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]

## Academic Challenge

### Bar Charts and Benchmark Item Composition - 30+ Credits Students

Description - Challenging intellectual and creative work is central to student learning and collegiate quality. Ten survey items address the nature and amount of assigned academic work, the complexity of cognitive tasks presented to students, and the standards faculty members use to evaluate student performance.



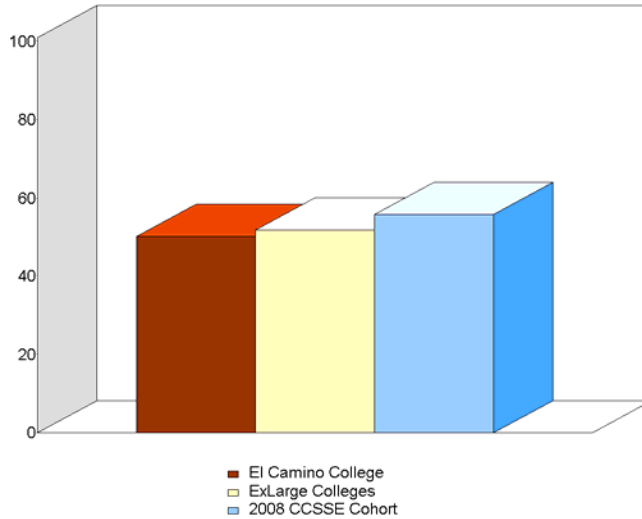
Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>30+ Credits</b>	55.5	53.2	54.6

Academic Challenge	Your College Mean	Other ExLarge Colleges Mean	Above/ Below Mean	2008 CCSSE Cohort Mean	Above/ Below Mean
4p. Worked harder than you thought you could to meet an instructor's standards or expectations	2.60	2.55		2.60	
5b. Analyzing the basic elements of an idea, experience, or theory	3.09	2.96		2.95	
5c. Synthesizing and organizing ideas, information, or experiences in new ways	2.87	2.79		2.79	
5d. Making judgments about the value or soundness of information, arguments, or methods	2.75	2.63		2.65	
5e. Applying theories or concepts to practical problems of in new situations	2.82	2.75		2.78	
5f. Using information you have read or heard to perform a new skill	2.80	2.79		2.85	
6a. Number of assigned textbooks, manuals, books, or book-length packs of course readings	3.05	2.92		2.97	
6c. Number of written papers or reports of any length	2.80	2.86		2.89	
7. Mark the box that best represents the extent to which your examinations during the current school year have challenged you to do your best work at this college	4.96	5.08		5.17	
9a. Encouraging you to spend significant amounts of time studying	3.10	3.02		3.04	

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]

## Student-Faculty Interaction Bar Charts and Benchmark Item Composition - 30+ Credits Students

Description - In general, the more contact students have with their teachers, the more likely they are to learn effectively and persist toward achievement of their educational goals. Through such interactions, faculty members become role models, mentors, and guides for continuous, lifelong learning.



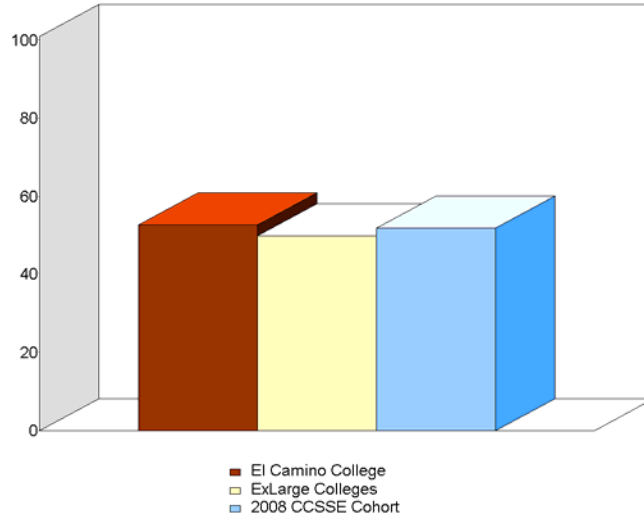
Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>30+ Credits</b>	50.3	51.8	55.8

Student-Faculty Interaction	Your College Mean	Other ExLarge Colleges Mean	Above/ Below Mean	2008 CCSSE Cohort Mean	Above/ Below Mean
4k. Used email to communicate with an instructor	2.52	2.67		2.71	▼
4l. Discussed grades or assignments with an instructor	2.48	2.54		2.62	
4m. Talked about career plans with an instructor or advisor	2.08	2.04		2.15	
4n. Discussed ideas from your readings or classes with instructors outside of class	1.76	1.78		1.85	
4o. Received prompt feedback (written or oral) from instructors on your performance	2.63	2.66		2.72	
4q. Worked with instructors on activities other than coursework	1.42	1.42		1.48	

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]

## Support for Learners Bar Charts and Benchmark Item Composition - 30+ Credits Students

Description - Students perform better and are more satisfied at colleges that are committed to their success and cultivate positive working and social relationships among different groups on campus.



Benchmark Scores			
	El Camino College	ExLarge Colleges	2008 CCSSE Cohort
<b>30+ Credits</b>	52.7	49.9	51.9

Support for Learners	Your College Mean	Other ExLarge Colleges Mean	Above/ Below Mean	2008 CCSSE Cohort Mean	Above/ Below Mean
9b. Providing the support you need to help you succeed at this college	2.92	2.94		2.98	
9c. Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	2.60	2.56		2.52	
9d. Helping you cope with your non-academic responsibilities (work, family, etc.)	1.92	1.89		1.93	
9e. Providing the support you need to thrive socially	2.20	2.09		2.12	
9f. Providing the financial support you need to afford your education	2.24	2.28		2.40	
13a1. Frequency: Academic advising/planning	1.88	1.77		1.82	
13b1. Frequency: Career counseling	1.68	1.49	▲	1.46	▲

[NOTE: Directional arrows in charts highlight those items where your college falls notably above or below the mean of your comparison group. The items listed are significant at  $p < .001$  with an effect size greater than or equal to .2.]