

Working Draft

**Program Improvement Report
for California Public Schools**

August 2008
High School Sample Report
from 4point0schools.com

This is a working draft of the PI Report from 4point0schools. This report will be available in October of 2008, when all accountability data has been released for the fall.

Elementary and middle school reports will include CAT/6 test results as well as the CST results included in this high school sample report.

The price is \$799 for single school orders, with a bulk discount schedule for multiple orders. Schools will receive a digital report as well as digital graphics files of all graphs included in the report (which can be repurposed for other school reports and presentations).

Comments and inquiries:

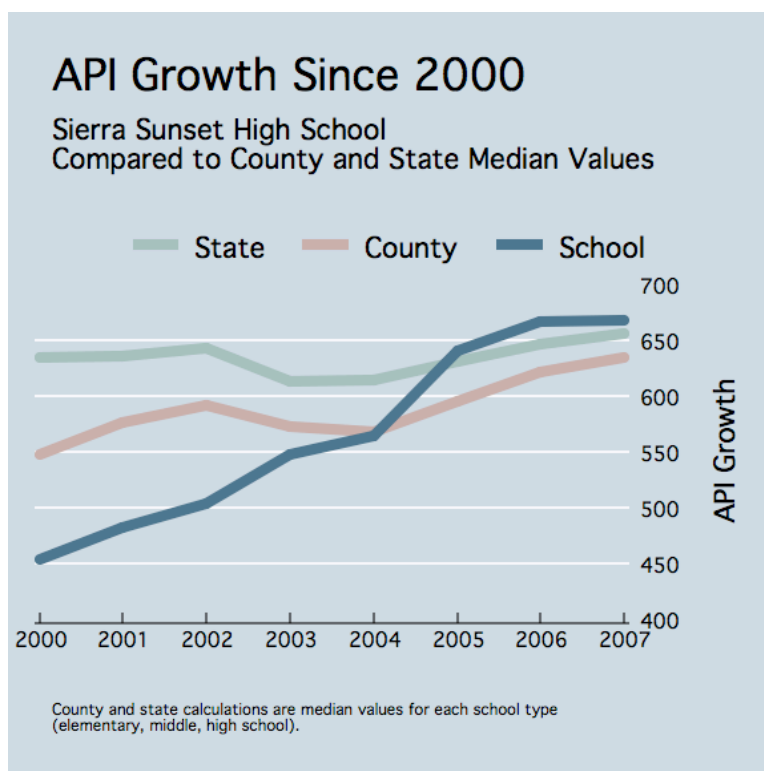
Amanda Rose, Ph.D.
amanda@4point0schools.com
888-STATSMATER

Progress in Student Achievement

Academic Performance Index

This year, Sierra Sunset High School's API is 668, a gain of one point since the 2006 growth API. Since Sierra Sunset High School's growth API was first calculated in 2000, its growth has been strong. Sierra Sunset High School's students performed above the median high school in the county and above the median high school in the state in 2007.

2007 API	
API growth score	668
Met target:	Yes

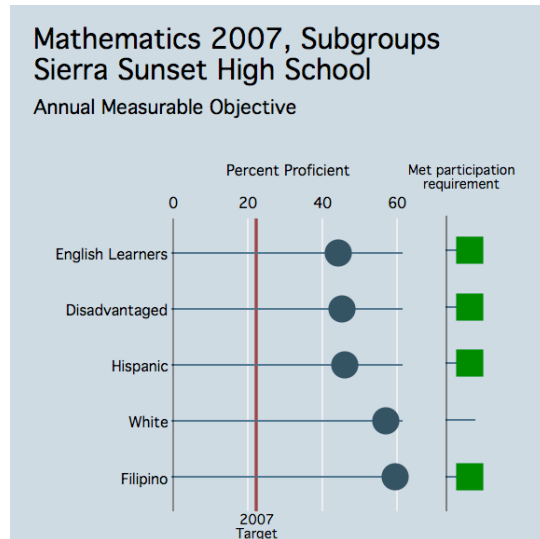
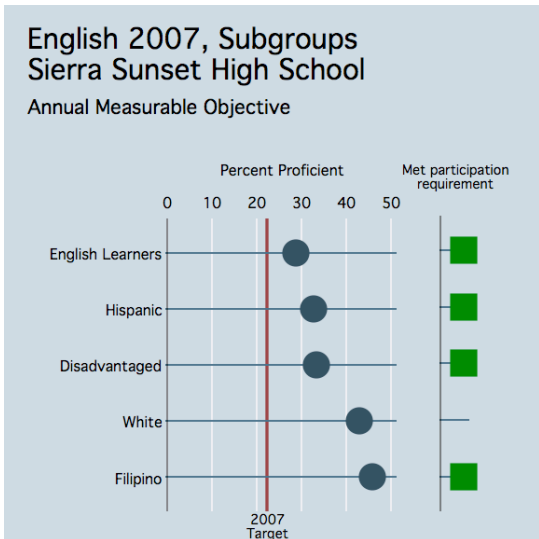
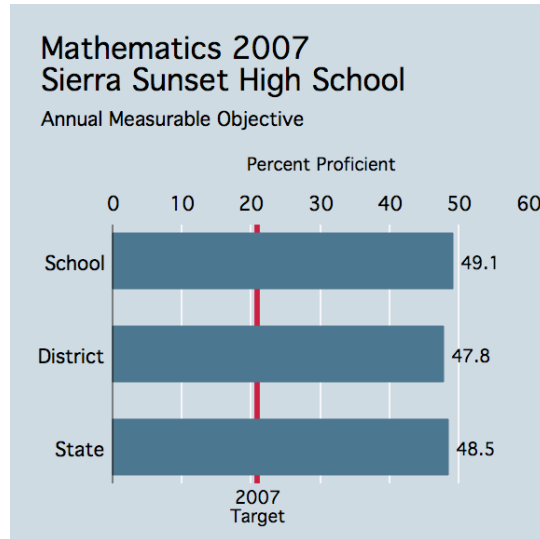
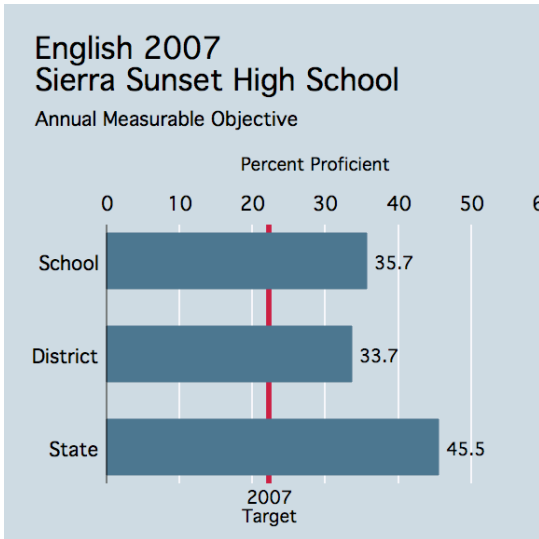


Annual Measurable Objectives

To meet the Annual Measurable Objectives (AMO) required under No Child Left Behind, high school students must perform well on the California High School Exit Exam (CAHSEE) in Mathematics and English-Language Arts.

2007 AMOs	
English target:	22.3%
English performance:	35.7%
Math target:	20.9%
Math performance:	49.1%

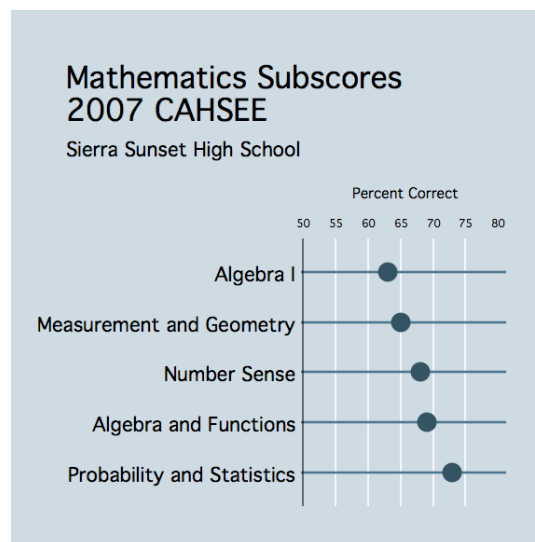
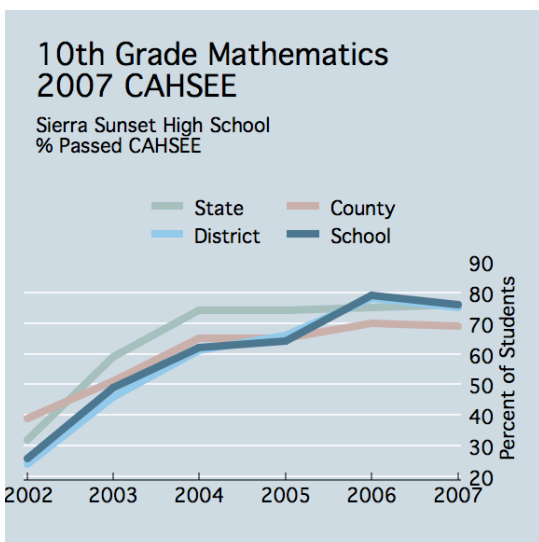
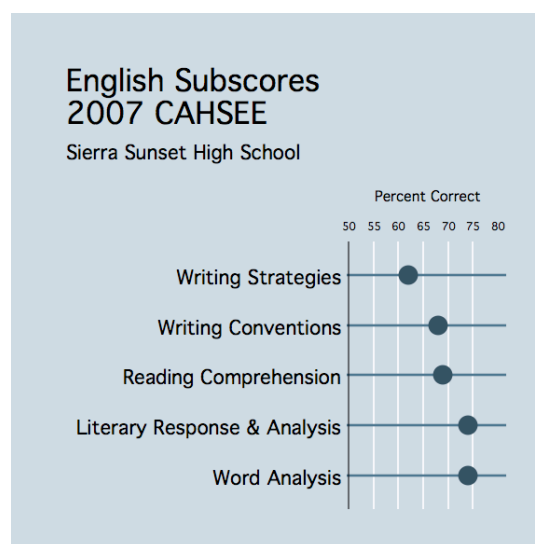
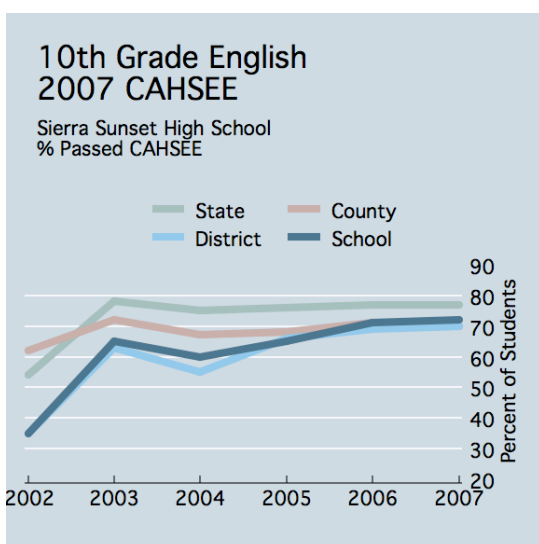
Sierra Sunset High School did meet the target of 22.3% in English-Language Arts this year. 35.7% of its students scored at the proficient level or above on the English portion of the CAHSEE. In Mathematics, Sierra Sunset High School did meet the 20.9% target. 49.1% of its students scored at the proficient level or higher.



California High School Exit Exam (CAHSEE)

For high schools, the performance of tenth grade students on the California High School Exit Exam is the key to meeting the requirements under No Child Left Behind (NCLB). The NCLB measures presented previously in this report represent the percentage of students who not only passed the CAHSEE, but scored at a proficient level in the tenth grade. The figures in this section display the percentage of students who passed the CAHSEE in the tenth grade compared to the pass rates in the district, county, and state. In 2007, 72% passed the CAHSEE in English at Sierra Sunset High School compared to 70% in the district, 70% in the county, and 77% in the state. Student performance in writing, reading, and forms of literary analysis are presented below (at right).

In Mathematics, 76% passed the CAHSEE in 2007, compared to 75% in the district, 69% in the county, and 76% in the state. Performance on those Mathematics subtests is displayed at right for tenth grade students.



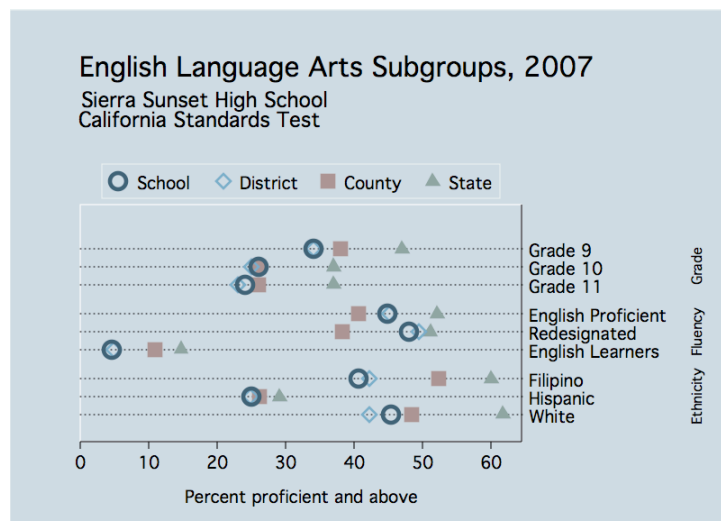
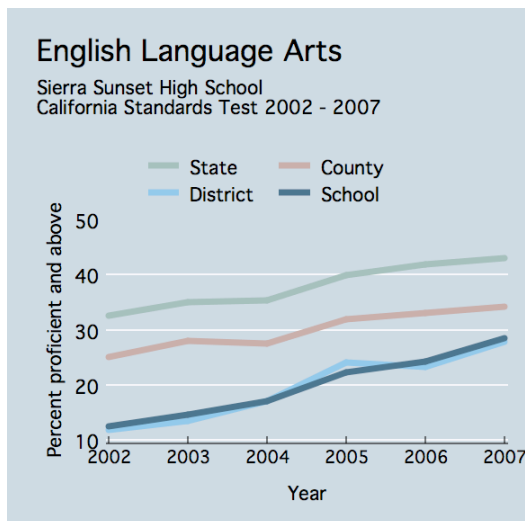
California Standards Test (CST)

Performance on the California Standards Test (CST) is an integral part of the Academic Performance Index and of the Annual Measurable Objectives for elementary and middle schools. In the spring of 2007, Sierra Sunset High School tested students in English-Language Arts, Mathematics, Science, and Social Science. For each course in which Sierra Sunset High School students were tested, we present in the graphs below the change in performance since 2002 and the results for three subgroups in 2007. Subgroups include grade levels, language proficiency, and ethnicity. Where more than twenty students were tested in the subgroup, their results are displayed in the subgroup graph.

English-Language Arts

Student performance on the English-Language Arts test has improved since it was first administered in 2002. In 2002, 12.4% of students scored at the level of proficient or higher, while in 2007 28.6% of students scored proficient or above. In 2007, 43% of students across the state scored proficient or better compared to 34.2% in the county and 27.9% in the district.

Among subgroups displayed in the figure below (right), students in Sierra Sunset High School tended to perform below students statewide. Most notable is the performance of Filipino students, who performed below Filipino students across California.



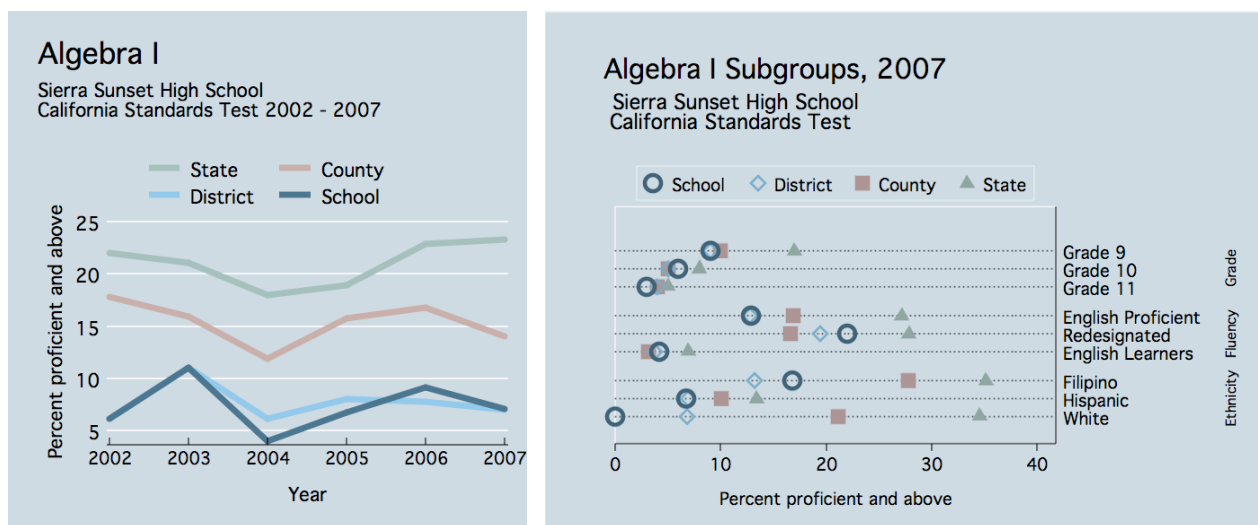
Mathematics

<Mathematics graph about here: Percent tested in various Math subjects.>

Algebra I

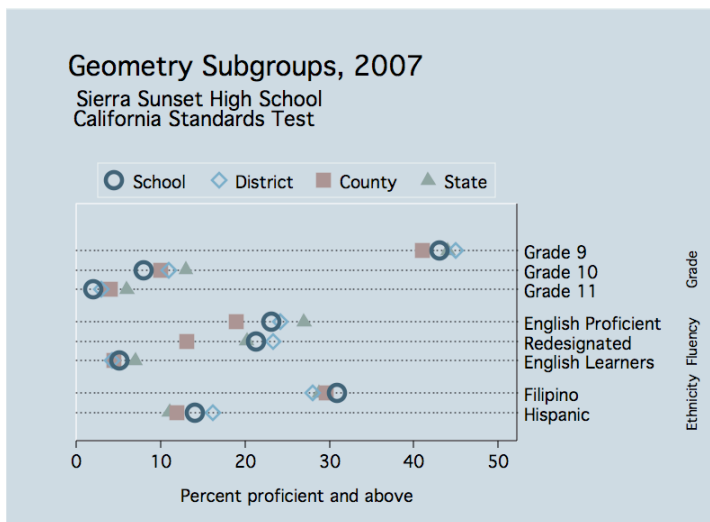
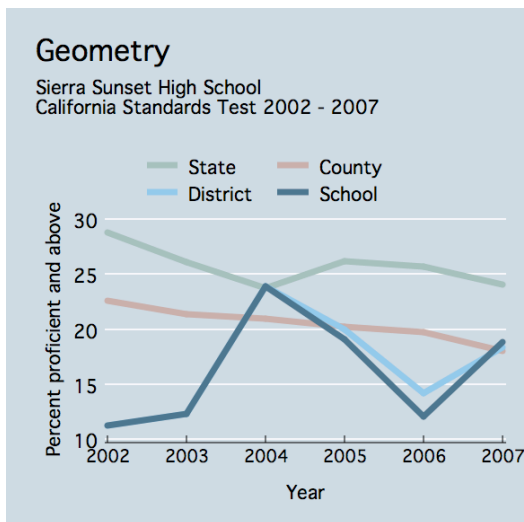
Student performance on the Algebra I test has remained largely the same since it was first administered in 2002. In 2002, 6.1% of students scored at the level of proficient or higher, while in 2007 7.1% of students scored proficient or above. In 2007, 23.3% of students across the state scored proficient or better, compared to 14% in the county and 7% in the district.

Among subgroups displayed in the figure below (right), students in Sierra Sunset High School tended to perform below students statewide. Most notable is the performance of White students who performed below White students in the state as a whole.



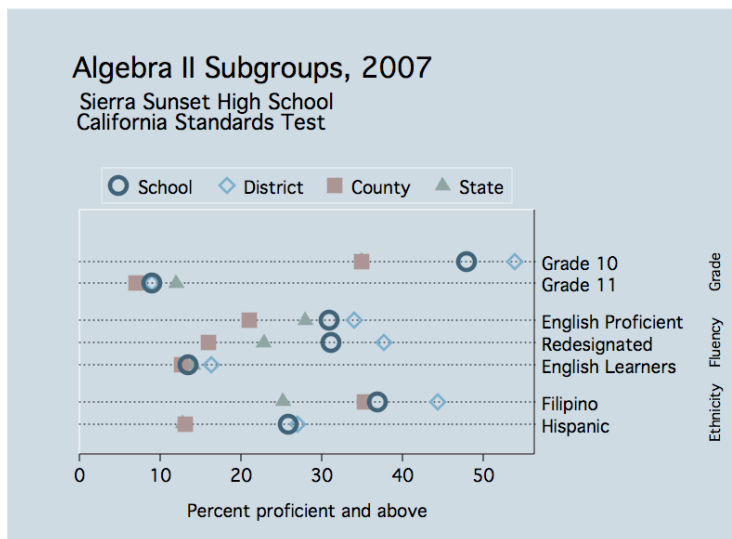
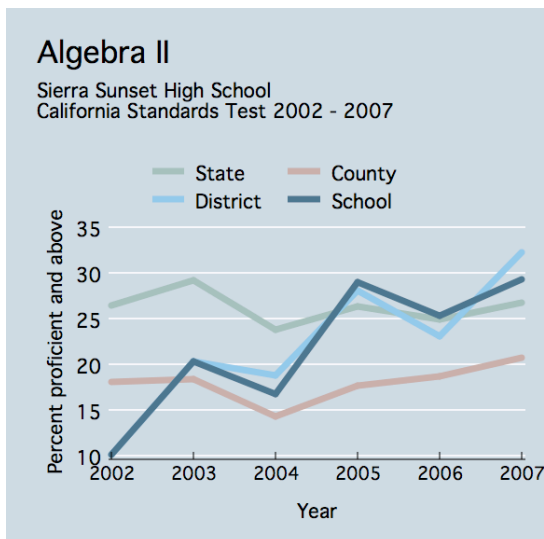
Geometry

Student performance on the Geometry test has improved since it was first administered in 2002. In 2002, 11.3% of students scored at the level of proficient or higher, while in 2007 18.8% of students scored proficient or above. In 2007, 24.1% of students across the state scored proficient or better, compared to 18% in the county and 18.4% in the district. Among subgroups displayed in the figure below (right), students in Sierra Sunset High School performed about the same as students across California.



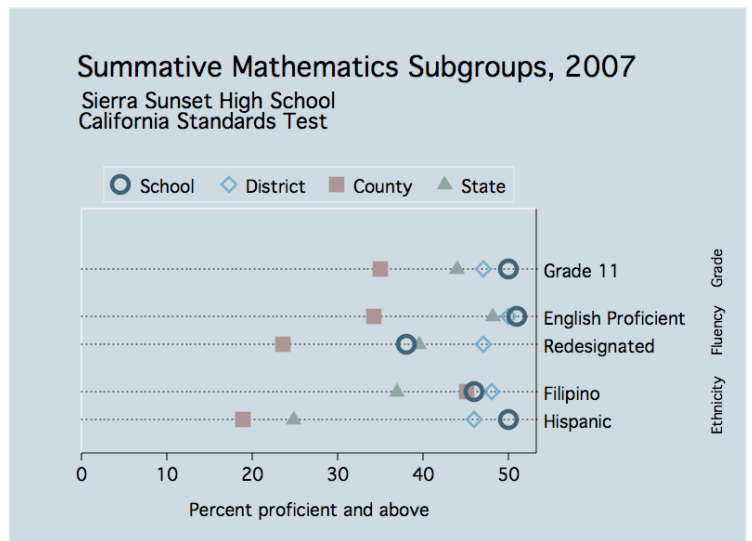
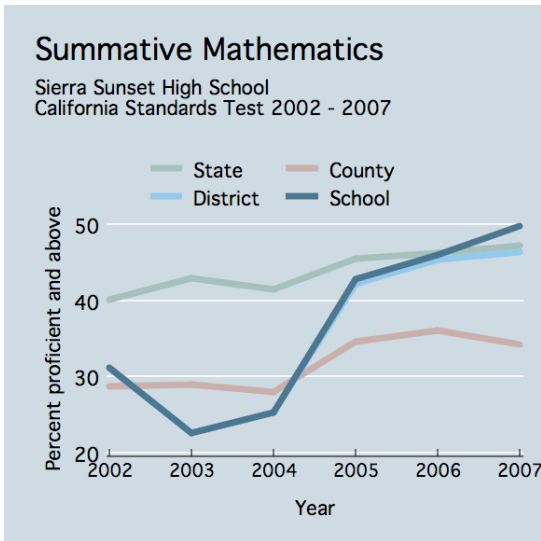
Algebra II

Student performance on the Algebra II test has improved since it was first administered in 2002. In 2002, 10.1% of students scored at the level of proficient or higher, while in 2007 29.3% of students scored proficient or above. In 2007, 26.8% of students across the state scored proficient or better, compared to 20.8% in the county and 32.3% in the district. Among subgroups displayed in the figure below (right), students in Sierra Sunset High School performed better than students across the state taking the same test. Most notable is the performance of students in grade 10 who far outperformed 10th grade students in the state and county.



Summative Mathematics

Student performance on the Summative Mathematics test has improved since it was first administered in 2002. In 2002, 31.2% of students scored at the level of proficient or higher, while in 2007 49.7% of students scored proficient or above. In 2007, 47.1% of students across the state scored proficient or better, compared to 34.2% in the county and 46.3% in the district. Among subgroups displayed in the figure below (right), students in Sierra Sunset High School tended to outperform students statewide. Most notable is the performance of Hispanic students, who far outperformed Hispanic students across California.

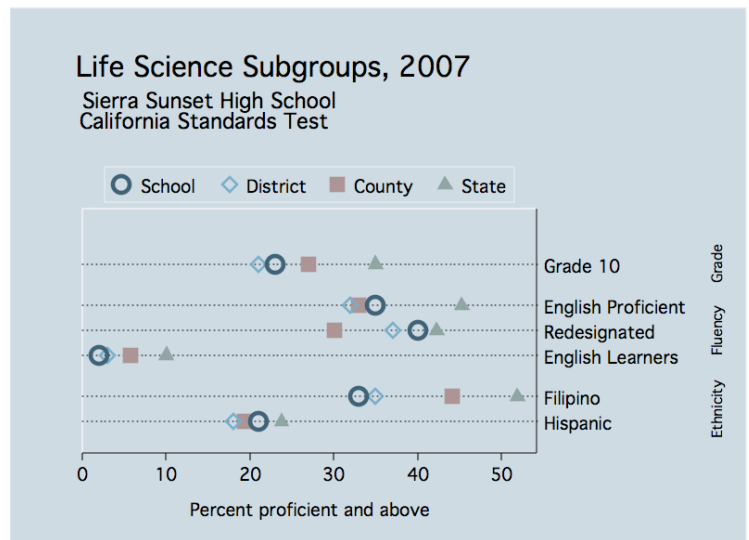
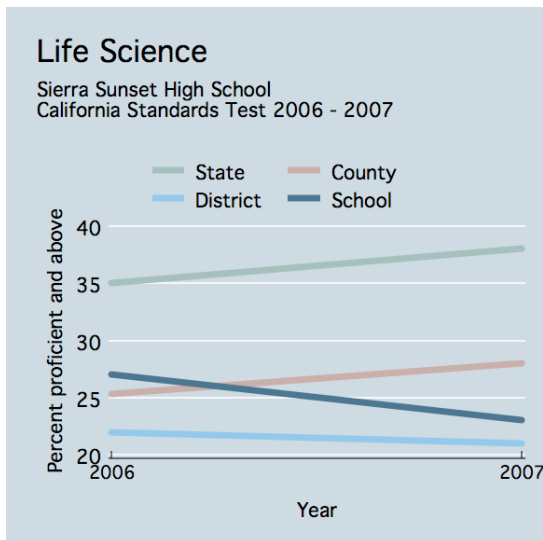


Science

<Science graph about here: Percent tested in various Science subjects.>

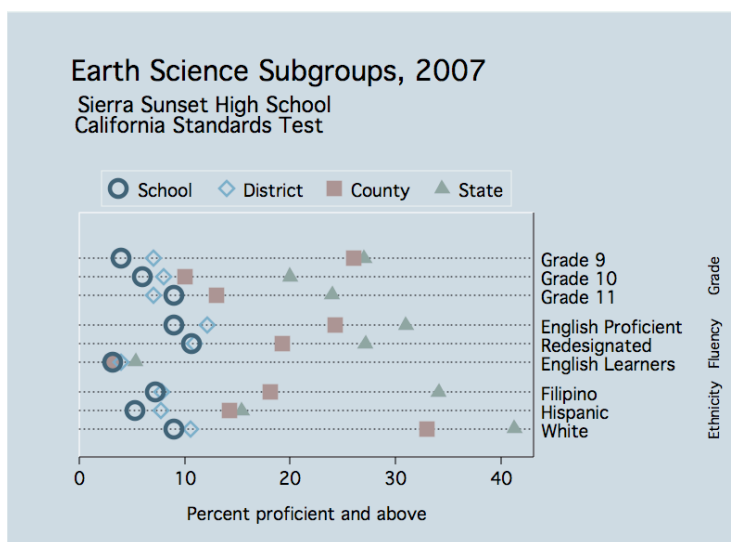
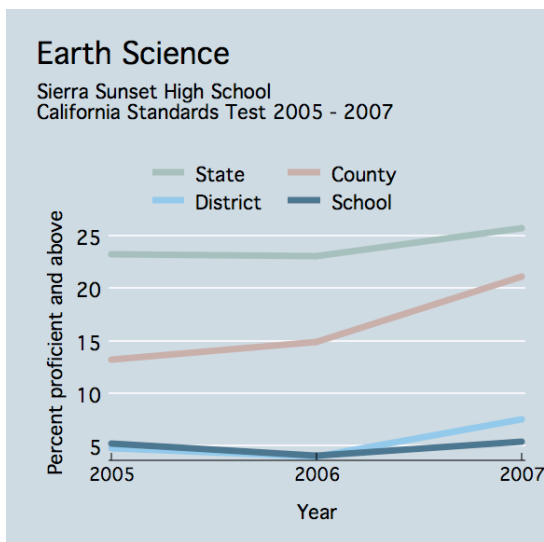
Life Science

Student performance on the Life Science test has remained largely the same since it was first administered in 2006. In 2006, 27% of students scored at the level of proficient or higher, while in 2007 23% of students scored proficient or above. In 2007, 38% of students across the state scored proficient or better, compared to 28% in the county and 21% in the district. Among subgroups displayed in the figure below (right), students in Sierra Sunset High School tended to perform below students statewide. Most notable is the performance of Filipino students, who performed below Filipino students throughout California.



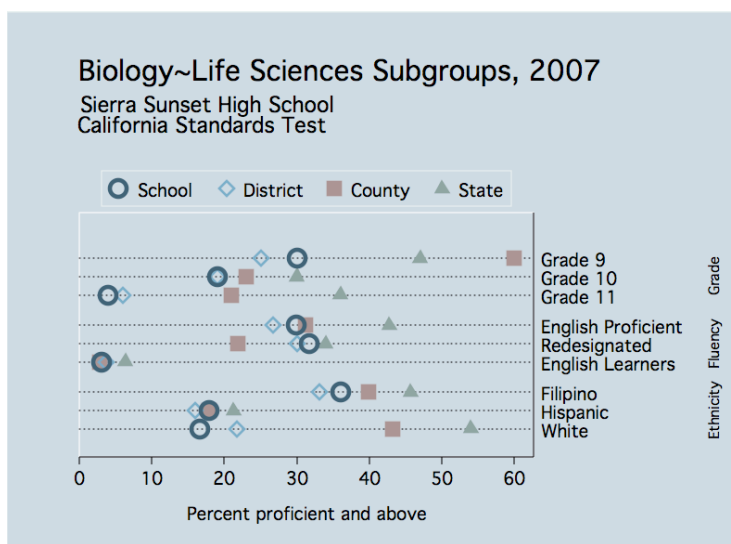
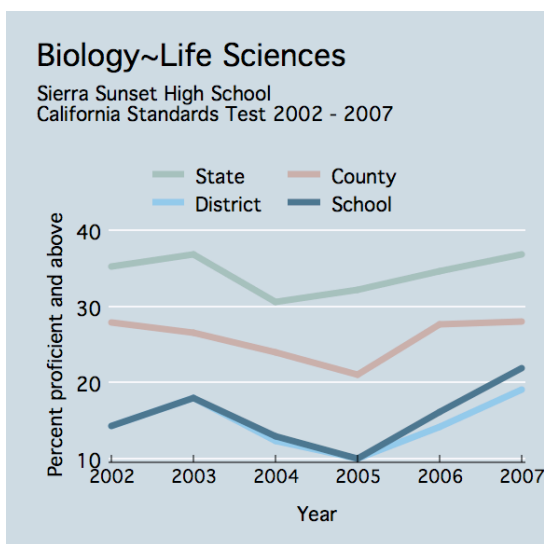
Earth Science

Student performance on the Earth Science test has remained largely the same since it was first administered in 2005. In 2005, 5.2% of students scored at the level of proficient or higher, while in 2007 5.4% of students scored proficient or above. In 2007, 25.7% of students across the state scored proficient or better, compared to 21.1% in the county and 7.5% in the district. Among subgroups displayed in the figure below (right), students in Sierra Sunset High School performed below students statewide. Most notable is the performance of White students taking the test, who scored well below White students across the state.



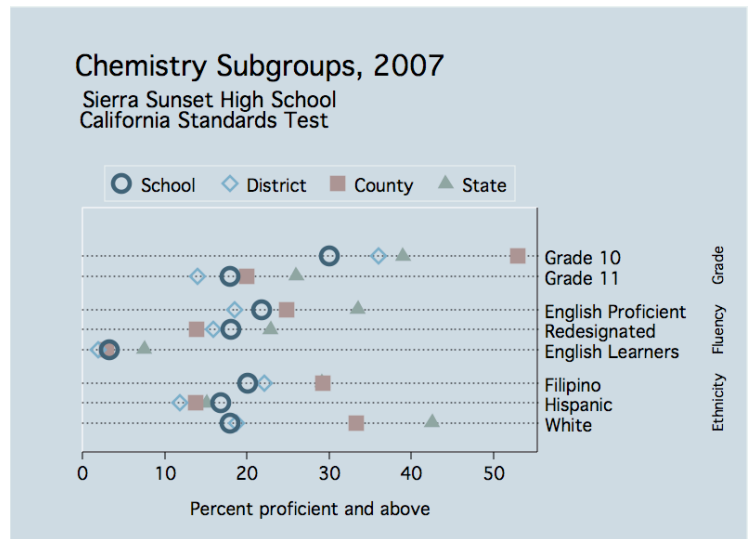
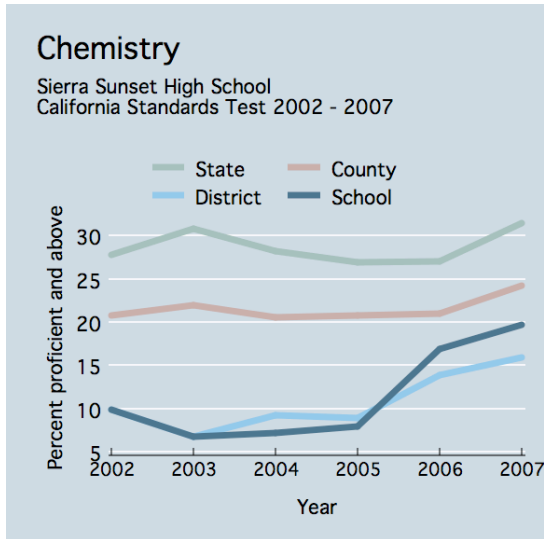
Biology

Student performance on the Biology test has improved since it was first administered in 2002. In 2002, 14.3% of students scored at the level of proficient or higher, while in 2007 21.9% of students scored proficient or above. In 2007, 36.8% of students across the state scored proficient or better, compared to 28% in the county and 19.1% in the district. Among subgroups displayed in the figure below (right), students in Sierra Sunset High School tended to perform below students statewide. Most notable is the performance of White students taking the test, who scored well below White students across the state.



Chemistry

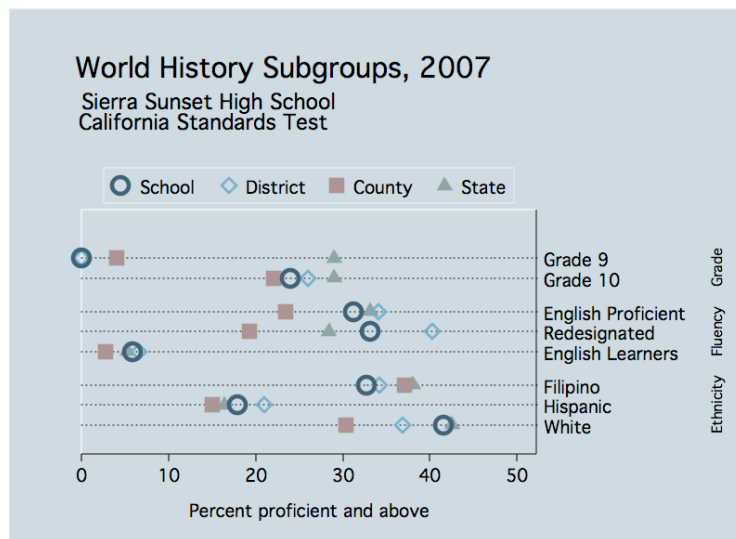
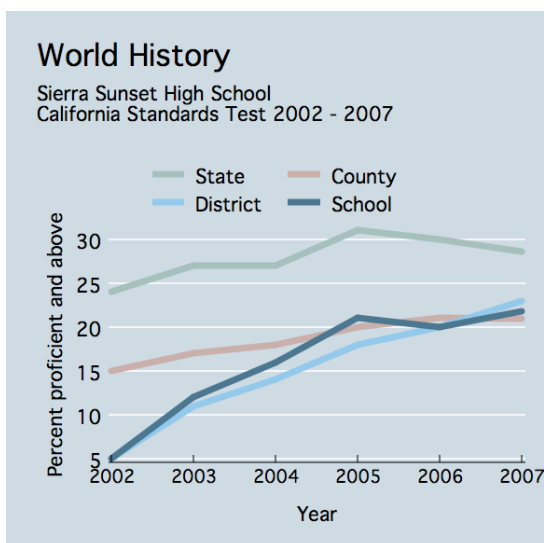
Student performance on the Chemistry test has improved since it was first administered in 2002. In 2002, 9.9% of students scored at the level of proficient or higher, while in 2007 19.7% of students scored proficient or above. In 2007, 31.4% of students across the state scored proficient or better, compared to 24.2% in the county and 15.9% in the district. Among subgroups displayed in the figure below (right), students in Sierra Sunset High School tended to perform below students statewide.



Social Science

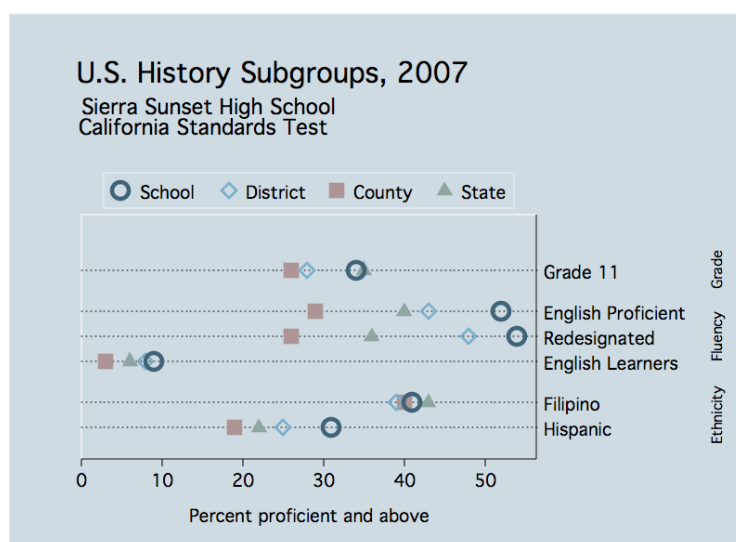
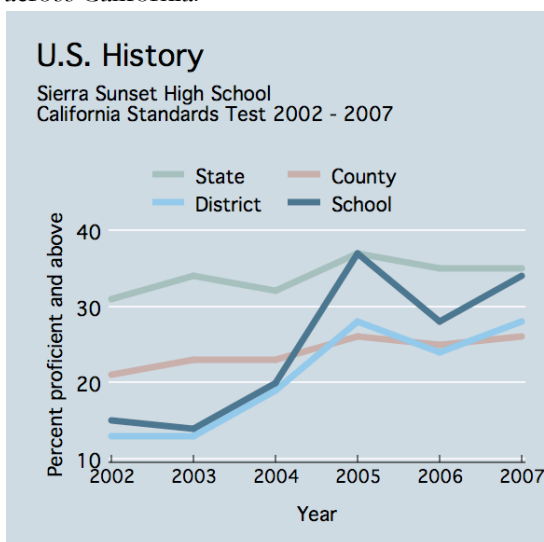
World History

Student performance on the World History test has improved since it was first administered in 2002. In 2002, 5% of students scored at the level of proficient or higher, while in 2007 21.7% of students scored proficient or above. In 2007, 28.6% of students across the state scored proficient or better compared to 21% in the county and 23% in the district. Among subgroups displayed in the figure below (right), students in Sierra Sunset High School tended to perform similarly to students in the state. Most notable is the performance of grade 9 students, who perform below 9th graders statewide.



United States History

Student performance on the United States History test has improved since it was first administered in 2002. In 2002, 15% of students scored at the level of proficient or higher, while in 2007 34% of students scored proficient or above. In 2007, 35% of students across the state scored proficient or better, compared to 26% in the county and 28% in the district. Among subgroups displayed in the figure below (right), students in Sierra Sunset High School tended to perform above students statewide. Most notable is the performance of Redesignated English Learners, who performed above Redesignated students across California.

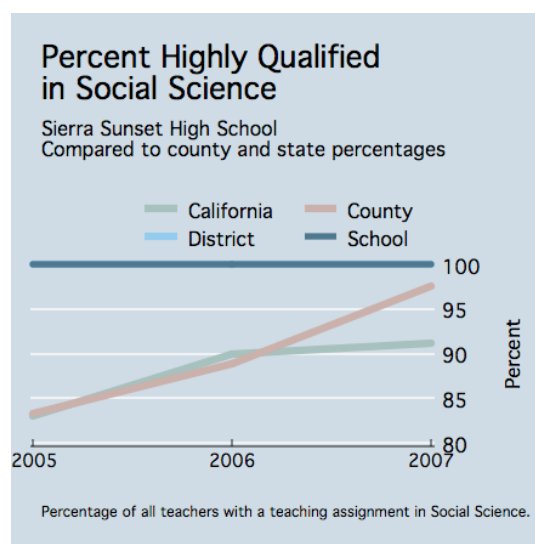
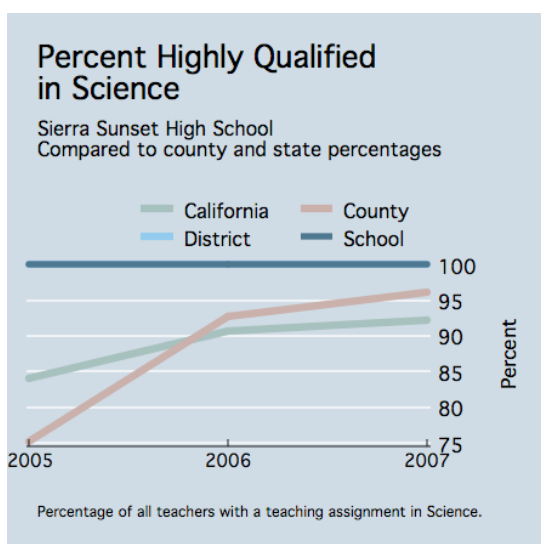
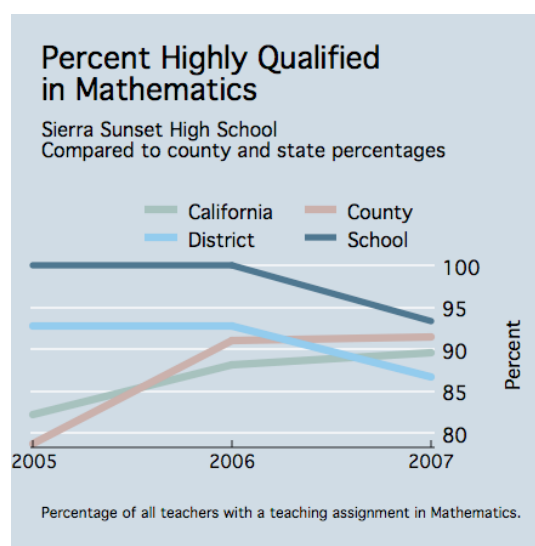
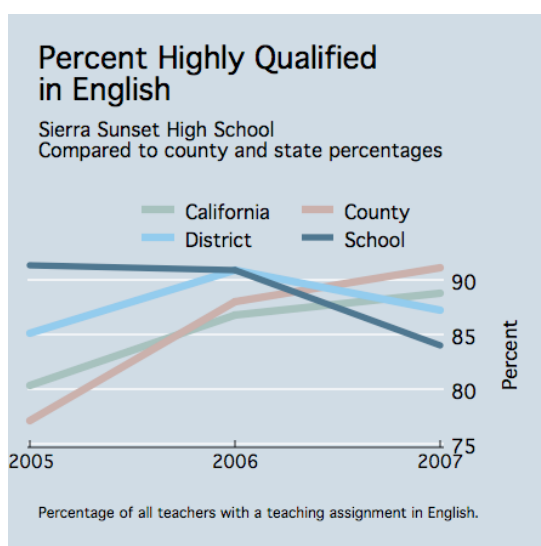


School Staffing

Highly Qualified

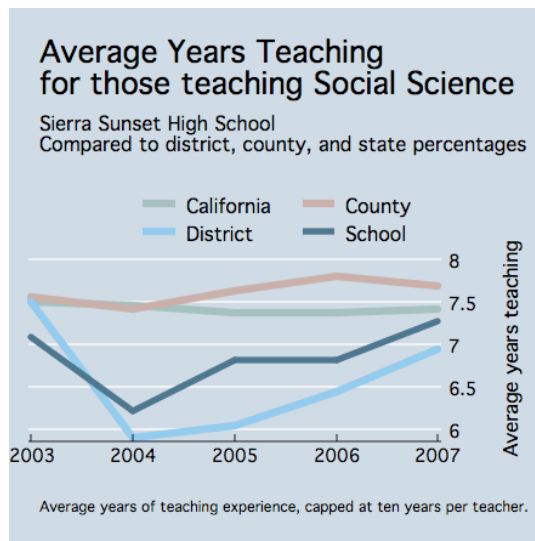
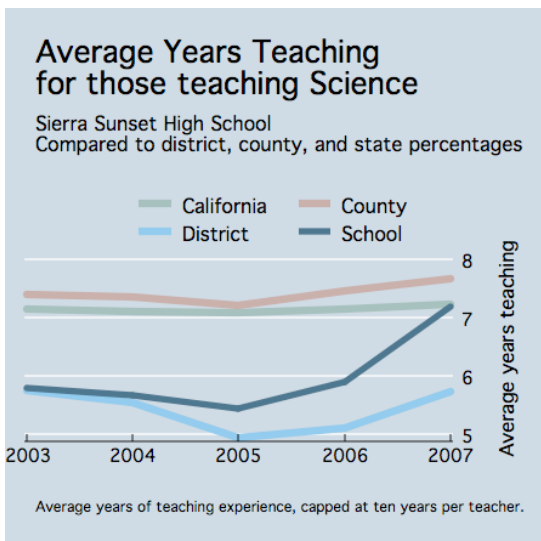
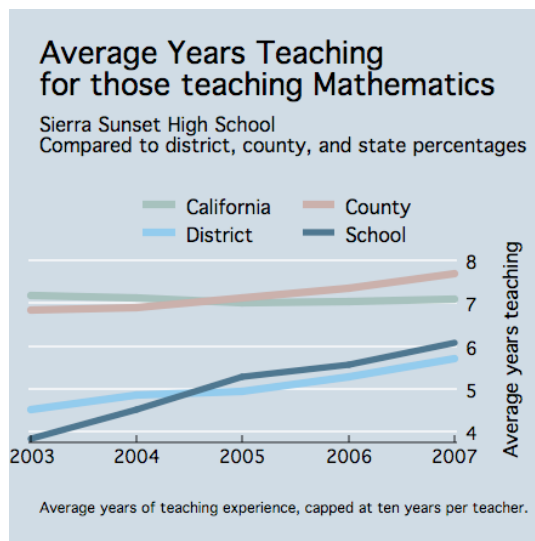
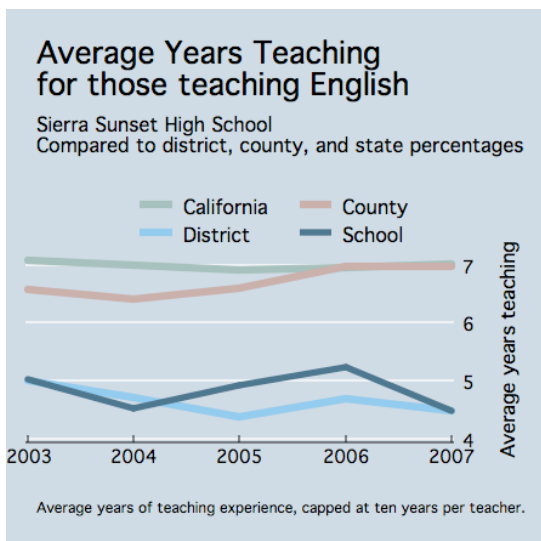
Under federal law, 100% of the teachers in academic core assignments are to be highly qualified, in accordance with No Child Left Behind. During the 2006-07 school year, 98% of Sierra Sunset High School staff were highly qualified in core areas of instruction. The school's staff compliance by subject area is at right. To track change in the percentage of highly qualified teachers, note changes by subject area in the figures below.

Highly Qualified 2007-08	
Overall	95%
English	84%
Math	93%
Science	100%
Social Science	100%



Teaching Experience

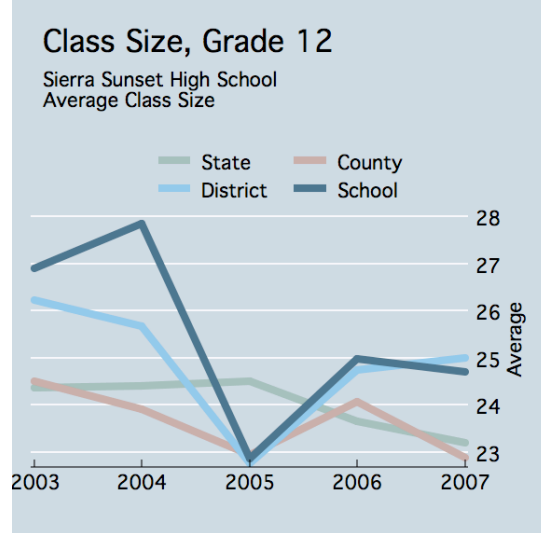
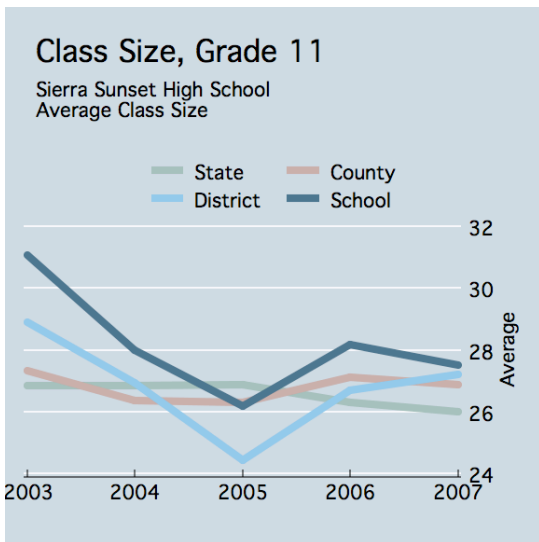
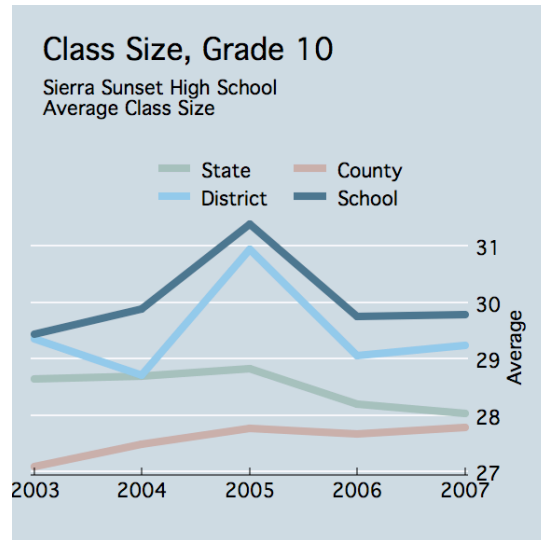
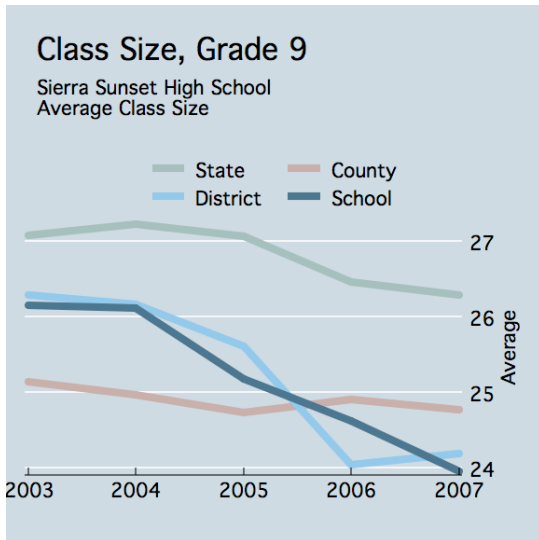
A key aim of many improving schools is to increase the overall teaching experience of their staff. Some schools have teacher experience levels below the levels in the district as a whole. Comparing school to district levels is often useful. However, we also plot teaching experience levels by county and state in the figures below.



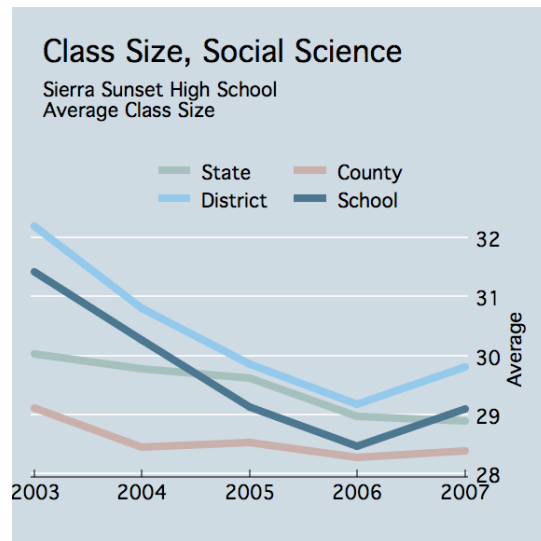
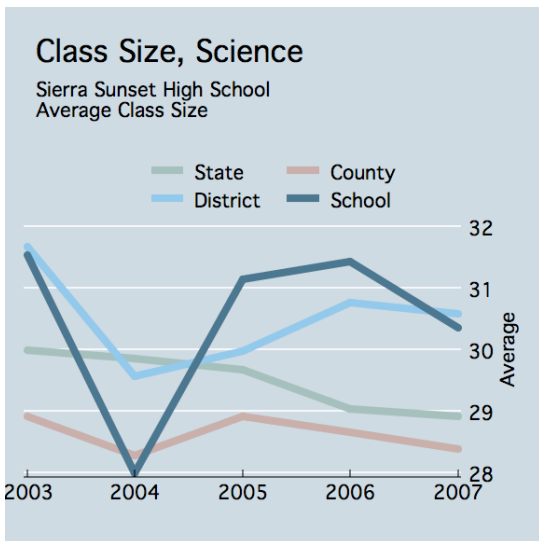
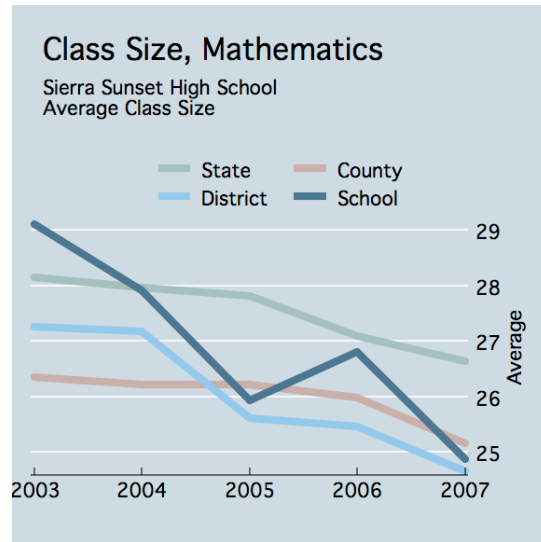
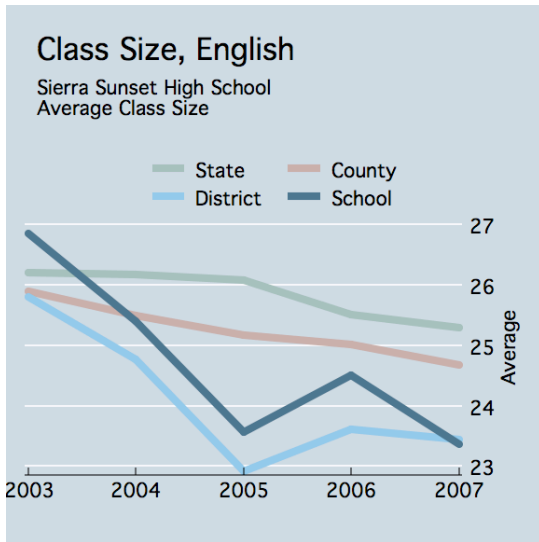
Class size

In an effort to increase direct instruction time between students and teachers, schools reduce class sizes as part of their reform program. At Sierra Sunset High School, the average class size in the ninth grade is 19.6. It is 24.8 in the 10th grade, 23.2 in the 11th grade, and 17.9 in the 12th grade. We plot change in school class size against change at the district, county, and state levels below.

Class Size Target	
Ninth grade	19.6
Tenth grade	24.8
Eleventh grade	23.2
Twelfth grade	17.9



In reducing class size, high school reform teams often find it more instructive to examine class size by subject area rather than by grade level. We present class size by subject area below since 2003, as a source of additional information for school reform teams. These calculations include Advanced Placement classes.



Student-to-Counselor Ratio

We present the student-to-counselor ratio for Sierra Sunset High School in the figure below. In 2006-07, there was one counselor for every 398 students, down from 661 in 2003. The district median ratio in 2006-07 was 398, compared to 428 in the county and 401 in the state.

