

# Standardized Student Assessment Report: Summary Analysis

Piedmont Unified School District  
Board Presentation 10/28/20009

# What is in the report?

- Graphic presentation of student performance on STAR (2004-2009), SAT (2006/2007 & 2007/2008), ACT (2007-2008), AP Exams (2007-2009), API (2009), UC Analytical Writing (2005-2008), and CAHSEE (2009).
- Presentation of summary test performance as well as performance on reporting clusters within each test.
- Sub-group performance (EL, Disability, Ethnicity, and Gender).
- Comparative Schools .

# Why?

- Provide teachers/administrators access to data that may inform instruction (Reporting Clusters), site councils (Single Plan), and the Board (District Goals and Action Plan; Curriculum decisions).
- Provide a longitudinal reference for parents, teachers, administrators, the board, and the broader educational community.
- Provide point of reference for continuous improvement related to the PUSD assessment program.

# Comparable Districts/Schools

- In addition to examining performance trends within the District, the report provides a comparison of PUSD with other high performing Districts/Schools. Variables used in identifying comparables included API, US News Ranking, proximity, and socio-economic similarity.
- **Unifieds (K-12):** San Marino, La Canada, Palo Alto, San Ramon, Albany, Fremont.
- **Elementary Districts (K-8):** Cupertino, Hillsborough, Los Altos, Moraga, Lafayette, Orinda, Portola Valley, Saratoga.
- **High Schools:** Mission San Jose, Gunn, Saratoga, San Marino, Monta Vista, Los Gatos, Miramonte, Campolindo.

# Summary Analysis

## What is STAR?

- Standardized Testing and Reporting Program.
- Criterion referenced measure. STAR measures at what performance level a student has mastered California Content Standards.
- Grades 2-11.
- English Language Arts, Mathematics, Science, History/Social Science.

# Summary Analysis

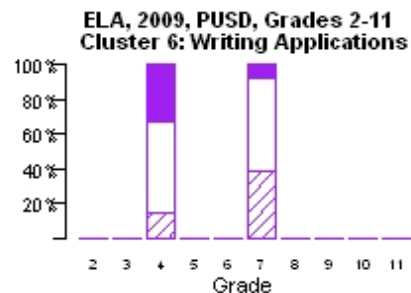
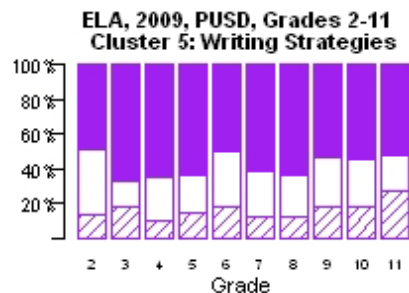
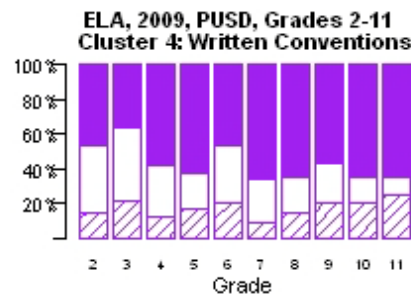
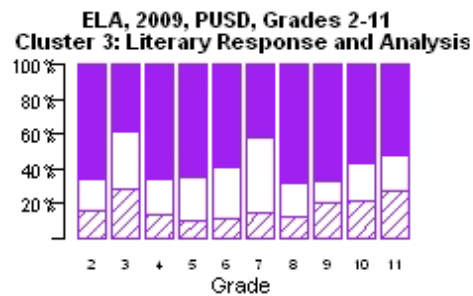
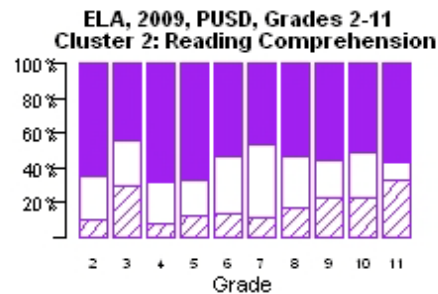
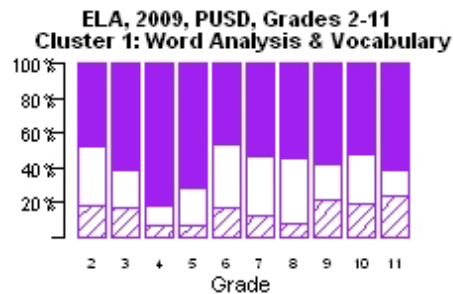
## STAR Performance Levels

- Advanced
- Proficient
- Basic
- Below Basic
- Far Below Basic

# Summary Analysis

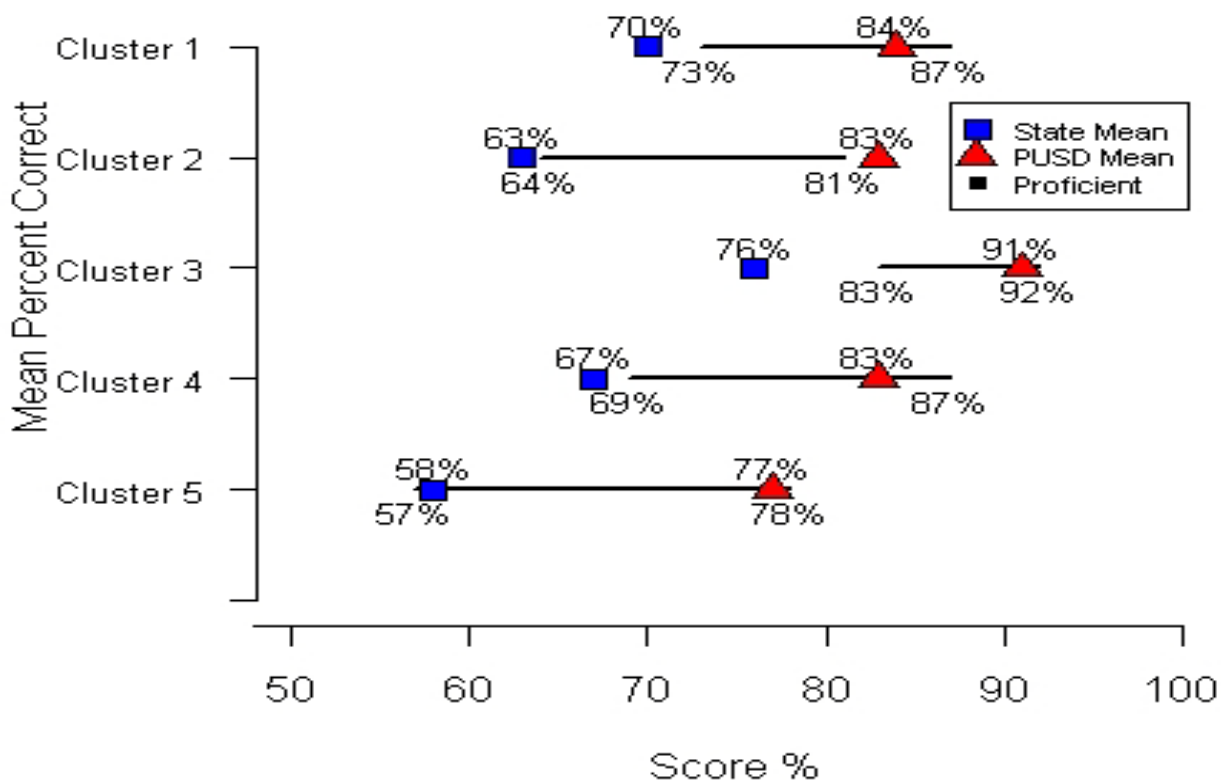
## What are Reporting Clusters

Each test is composed of 4-6 reporting clusters that each measure a different standard.



# Summary Analysis Reporting Clusters

## ELA Cluster Scores Compared to State Mean and Proficiency Range, 2009, Grade 2





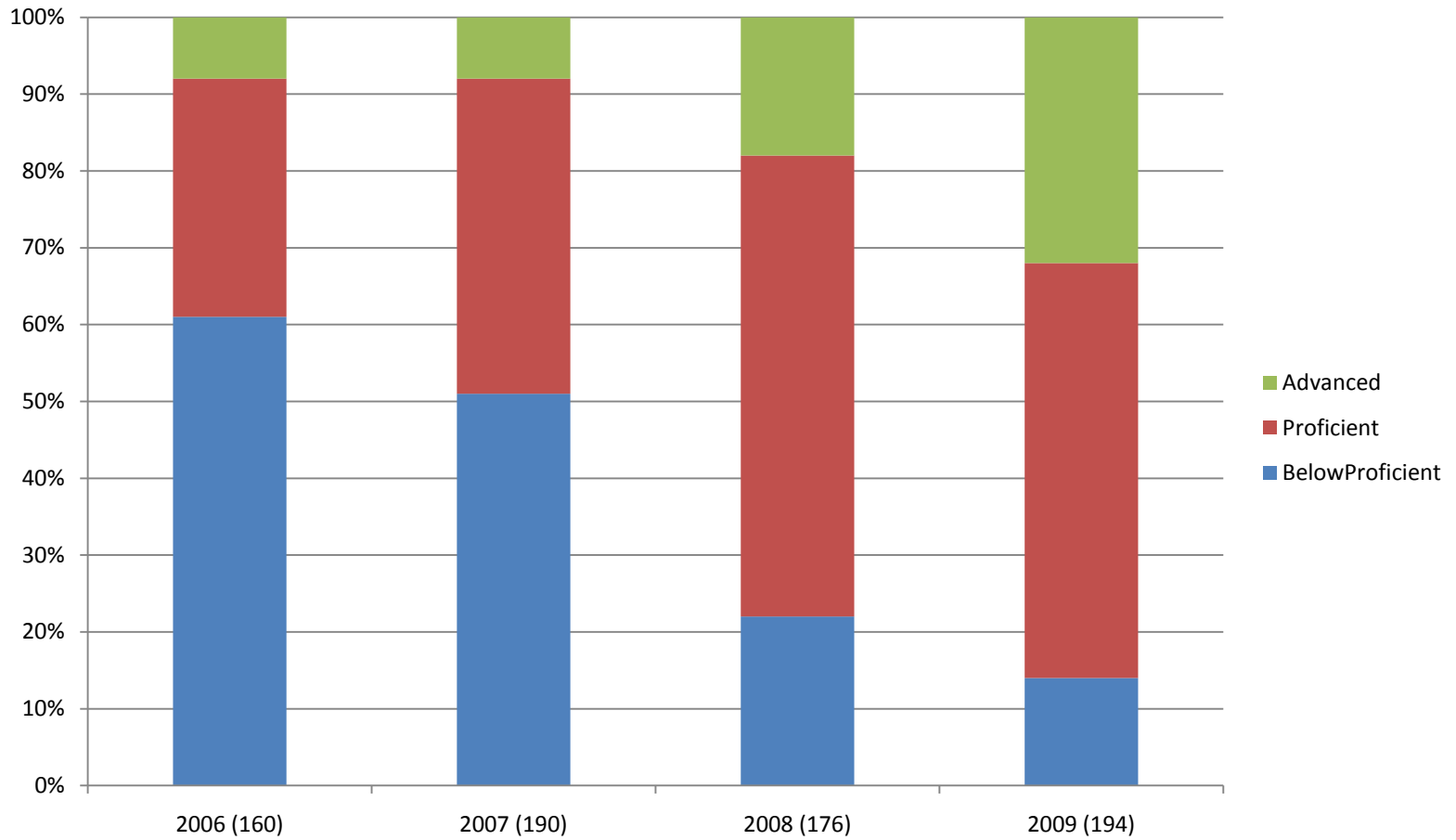
# Summary Analysis

## STAR – English Language Arts

### District Performance:

- 2009 proficiency levels were at a 6 year high in grades 2, 4, 5, 7, and 8. Grade 3 near a 6 year high.
- 2009 performance at or near 6 yr. Below Proficiency highs in grades 9-11.

# STAR – 4<sup>th</sup> Grade Writing Test



# Summary Analysis

## STAR – English Language Arts

How does PUSD compare with other high performing Unified and Elementary School Districts on STAR?

- **Unified Districts (Grades 2-11):** Middle of range.
- **High Schools (Grades 9-11):** Lower end of range.
- **Elementary Districts (Grades 2-5):** High to lower end of range.
- **Elementary Districts (Grades 6-8):** Middle of range.

# Summary Analysis

## STAR Mathematics

- District Performance:
- Advanced level performance at a 6 year high in grades 2, 4, 5, and 6 and on the 8<sup>th</sup> grade General Math and Algebra I (grades 7-11) end of course test. (Summative Math performance near 6 yr. high.)
- Below proficient performance at or near 6 year low in grades 2, 3, 4, and 5 and on the 8<sup>th</sup> grade General Math test.

# Summary Analysis

## STAR Mathematics

How does PUSD compare with other high performing elementary school districts and high schools?

**Grades 2-5:** High to low end of range

**Grades 6-7:** Low end of range

**General Math (grade 8):** High end of range.

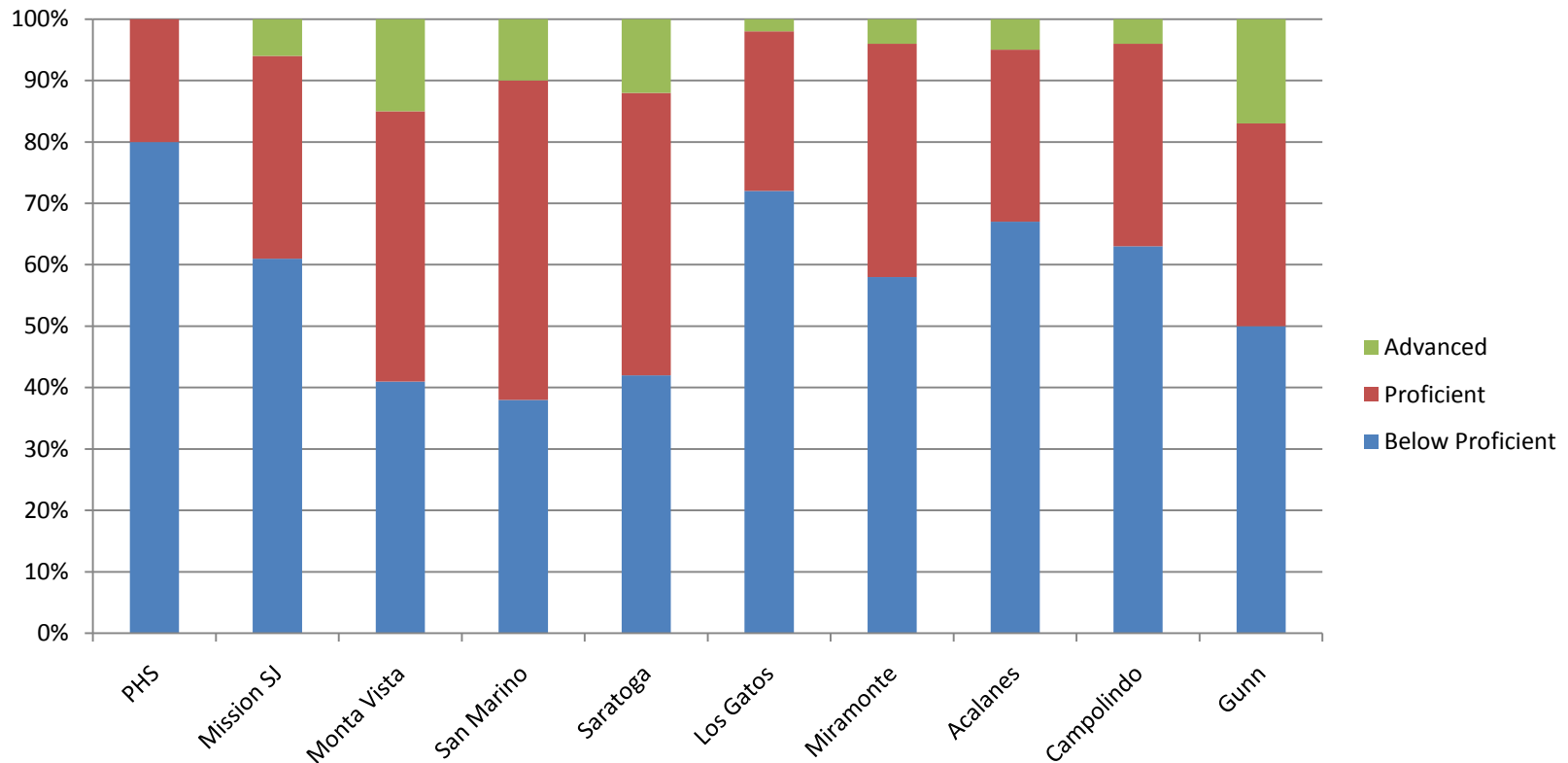
**7<sup>th</sup> grade Algebra I:** Lowest in range. (100% proficient)

**8<sup>th</sup> grade Algebra I:** Middle to high end of range.

# Summary Analysis STAR Mathematics

Comparisons cont'd

- **Grades 9-11, Algebra I: Lowest in range.**



# Summary Analysis

## STAR Mathematics

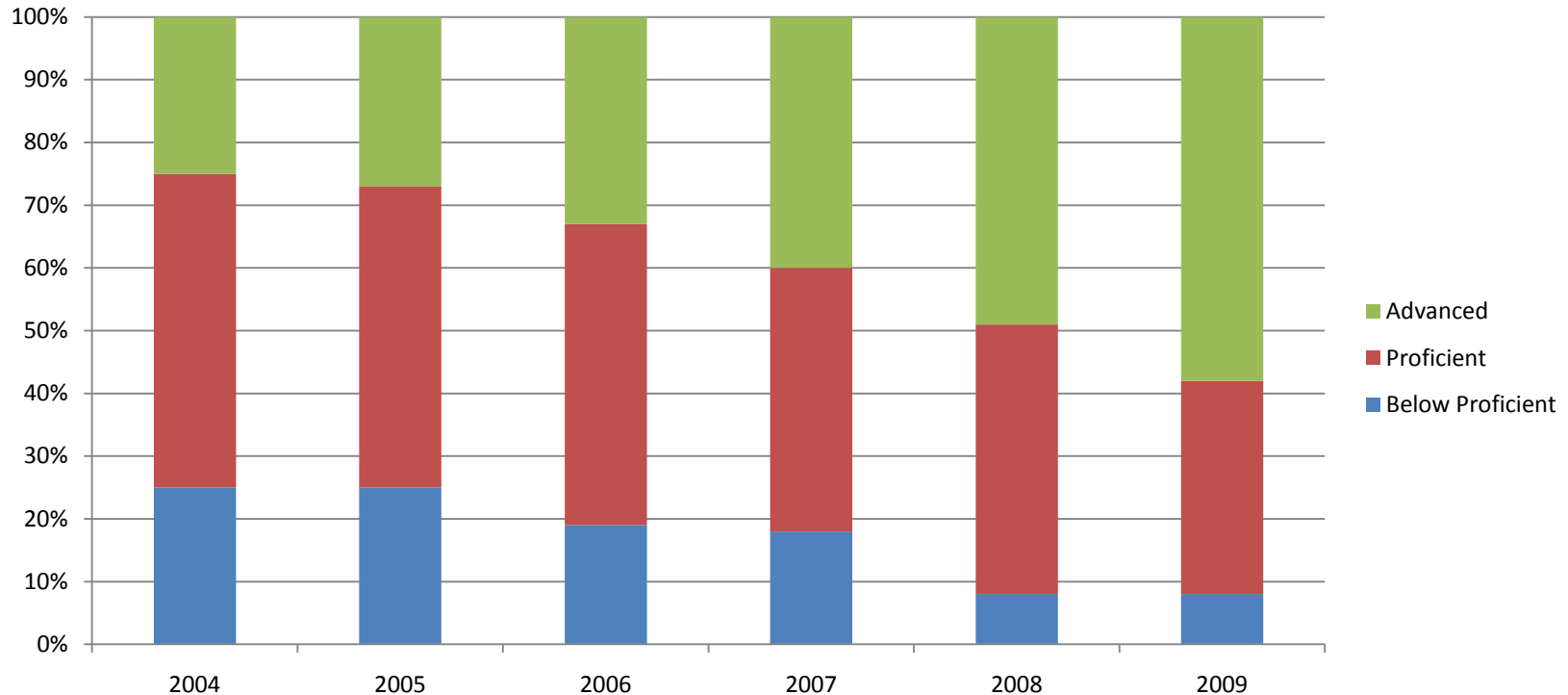
### Comparisons cont'd

- **8<sup>th</sup> grade Geometry:** Middle of range.
- **Grades 9-11, Geometry:** Low end of range.
- **Algebra II:** Low end of range.
- **Summative Math:** Low end of range.

# Summary Analysis

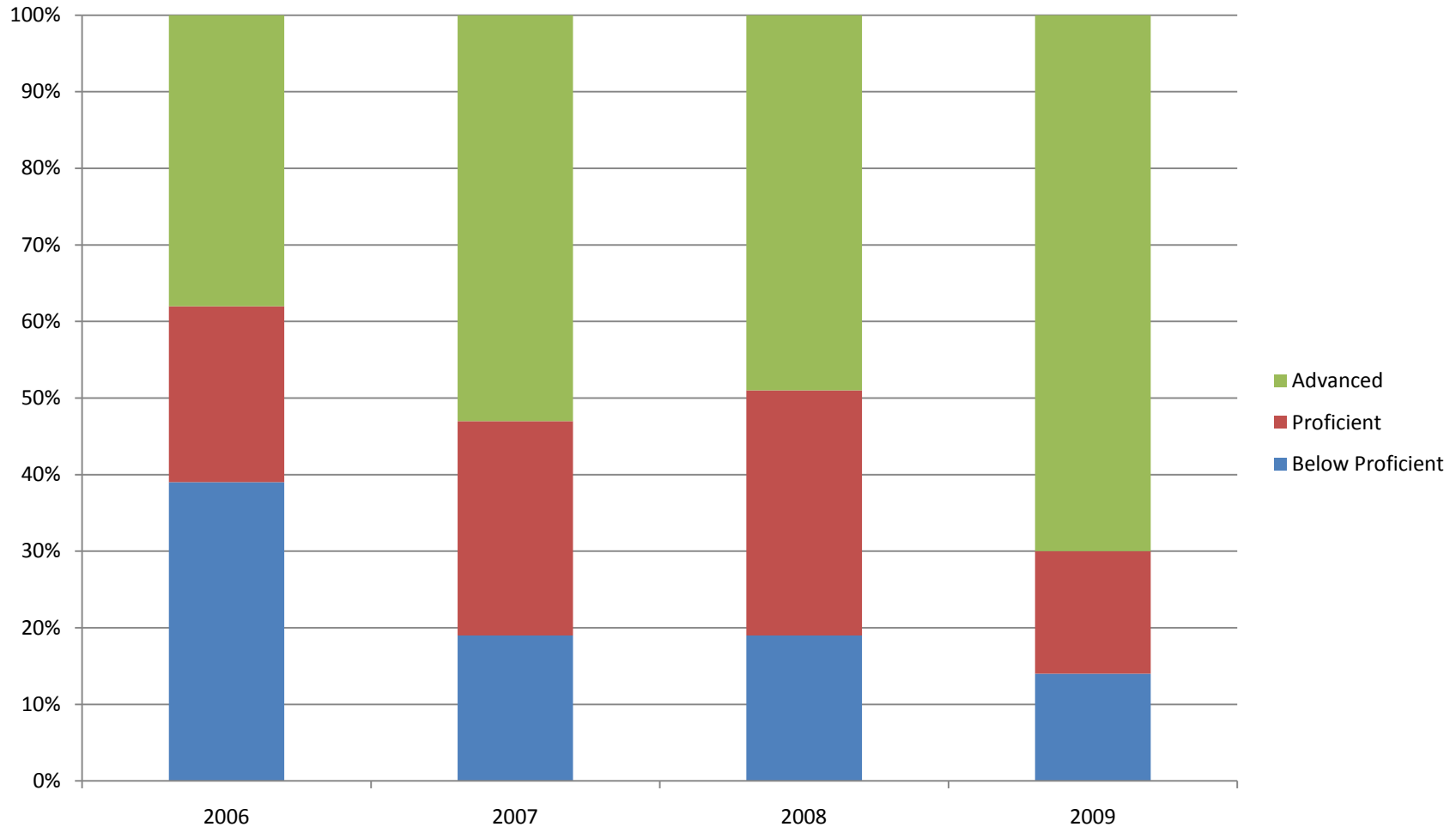
## STAR Science

- District:
- **Grade 5 Life Science:** Advanced range performance at a 6 yr. high and Below Proficient performance at a 6 yr. low.





# Grade 8 Life Science: Advanced range performance at a 4 yr. high and Below Proficient performance at a 4 yr. low. (Test has been in place 4 yrs.)



# Summary Analysis

## STAR Science

- District (cont'd):
- **Grade 10 Life Science:** Advanced range performance at a 4 yr. high. (Test has been in place 4 yrs.)
- **Earth Science:** Below Proficient performance at a 5 year high.
- **Biology:** Advanced range performance at a 6 yr. high.
- **Physics:** Advanced range performance at a 2 yr. high (74%). Below proficient performance at a 2 year low. (Test only administered last 2 years.)

# Summary Analysis

## STAR Science

- How does PUSD compare with other high performing elementary school districts and high schools?
- **Grade 5 Life Science:** High to low end of range.
- **Grade 8 Life Science:** Middle of range.
- **Grade 10 Life Science:** Low end of range.

# Summary Analysis

## STAR Science

- Comparisons cont'd:
- **Earth Science:** Middle of range.
- **Biology:** Middle of range.
- **Chemistry:** Low end of range.
- **Physics:** High end of range.

# Summary Analysis

## STAR History/Social Science

- District:
- **Grade 8 History/Social Science:** Advanced range performance at a 6 yr. high and Below Proficient performance at a 6 yr. low.
- **Grade 11 U.S. History:** Advanced range performance at a 6 yr. high.

# Summary Analysis

## 2009 STAR History/Social Science

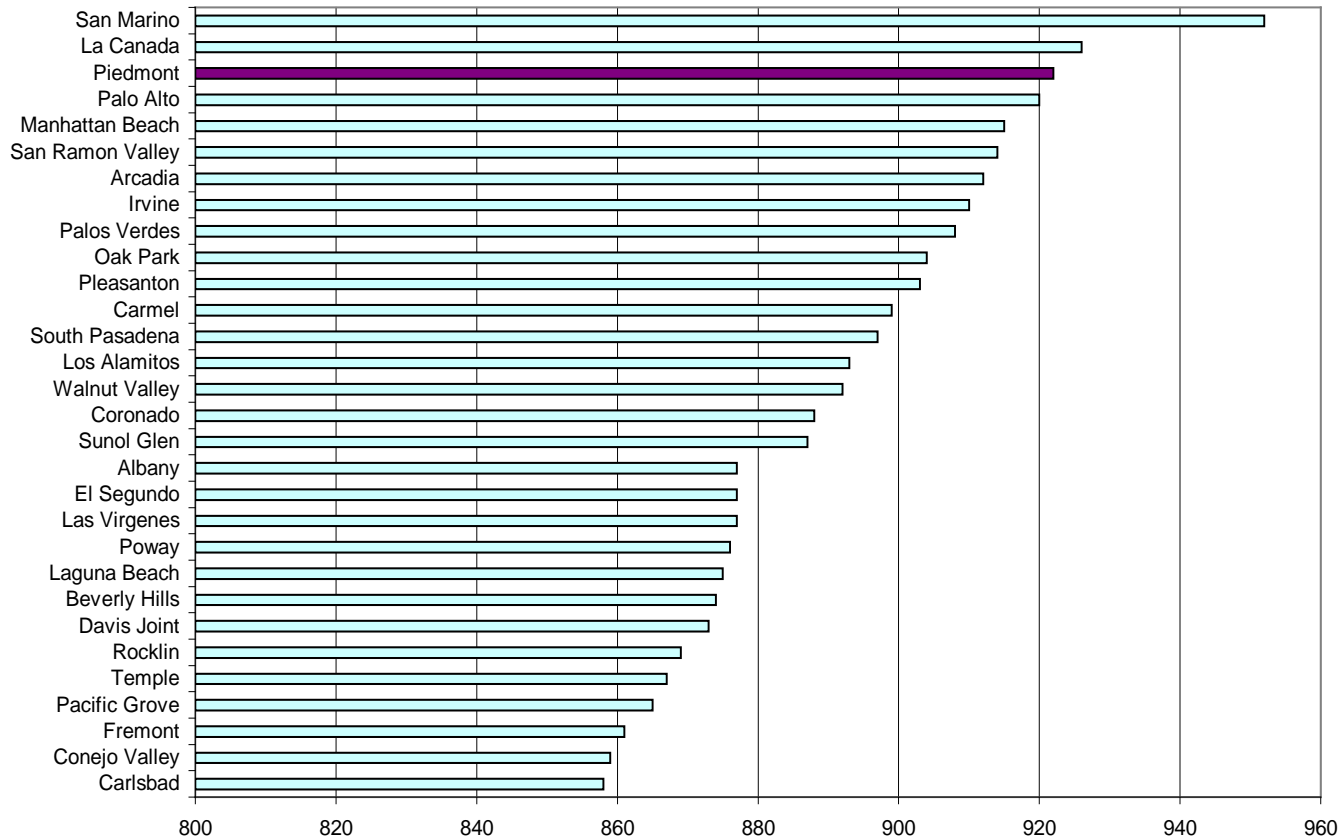
- How does PUSD compare with other high performing elementary school districts and high schools?
- **Grade 8 History/Social Science:** High end of range.
- **Grade 10 World History:** High end of range.
- **Grade 11 U.S. History:** High end of range.

# Summary Analysis

## Academic Performance Index

API is the State's accountability measure. All PUSD school sites obtained an API over 900.

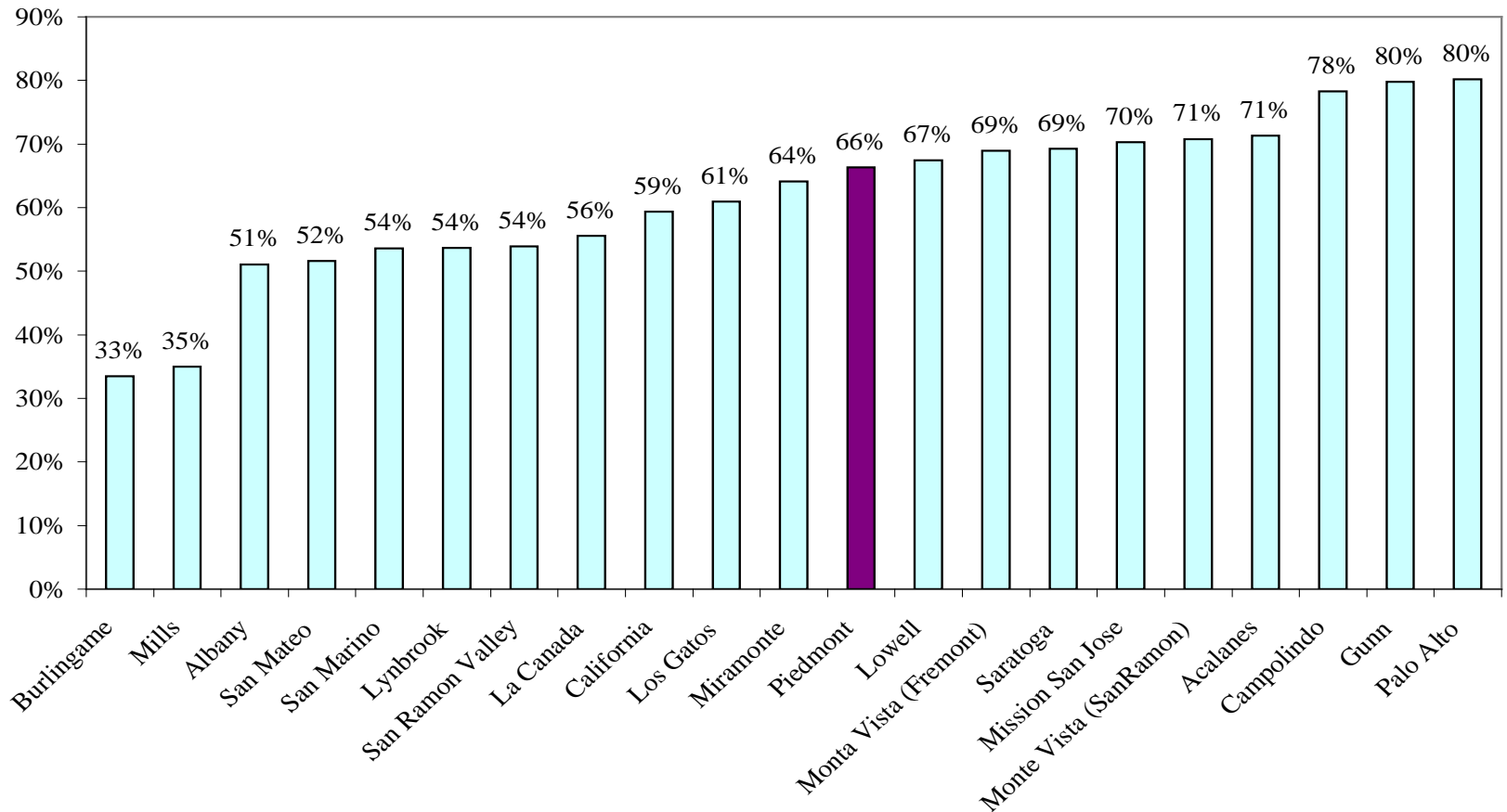
**API 2009 - Top 30 Unified School Districts**



# Summary Analysis

## Advanced Placement Test Scores

**Students Scoring 4 or 5 as a Percentage of All Students who took the AP Test,  
2007-08**

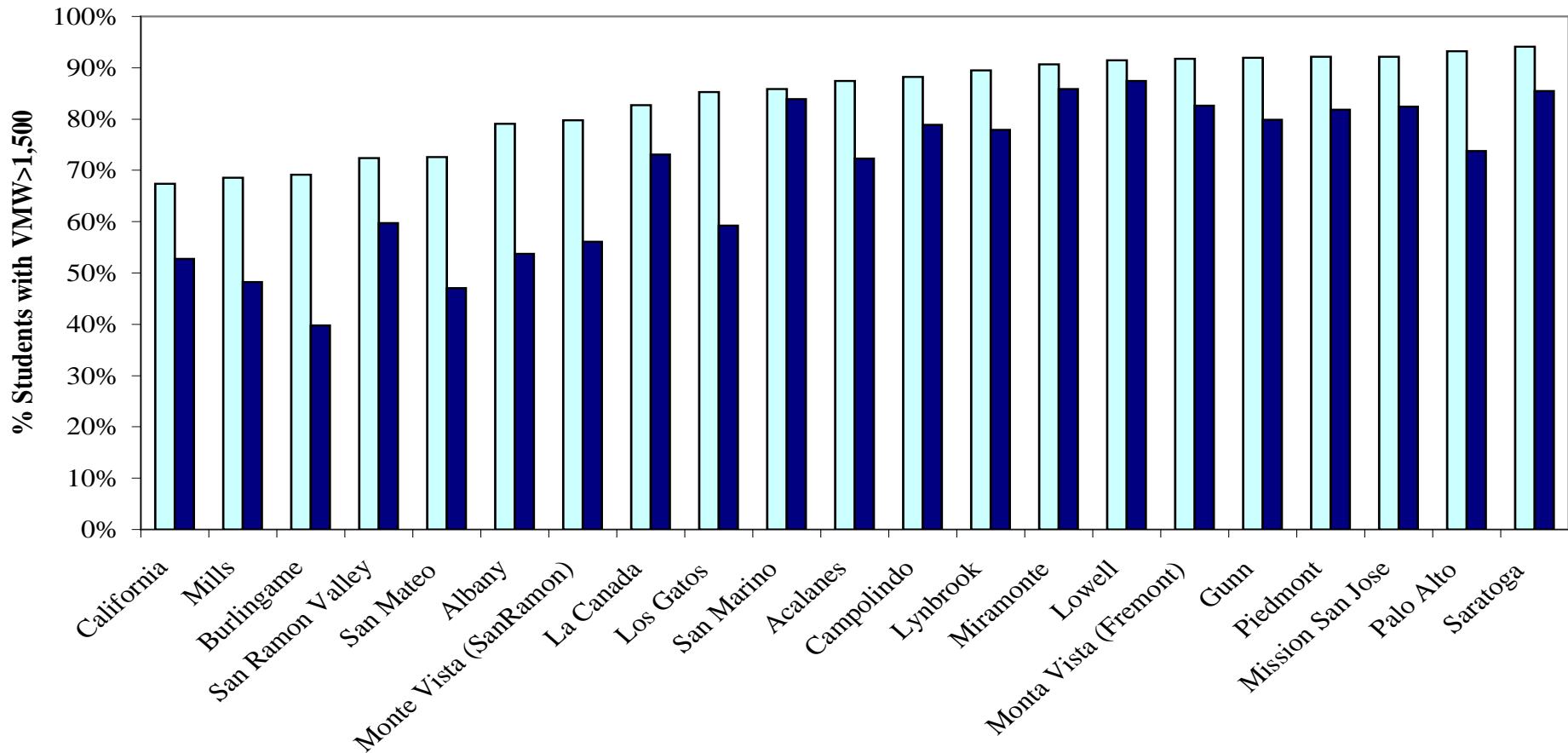




# Summary Analysis

## SAT

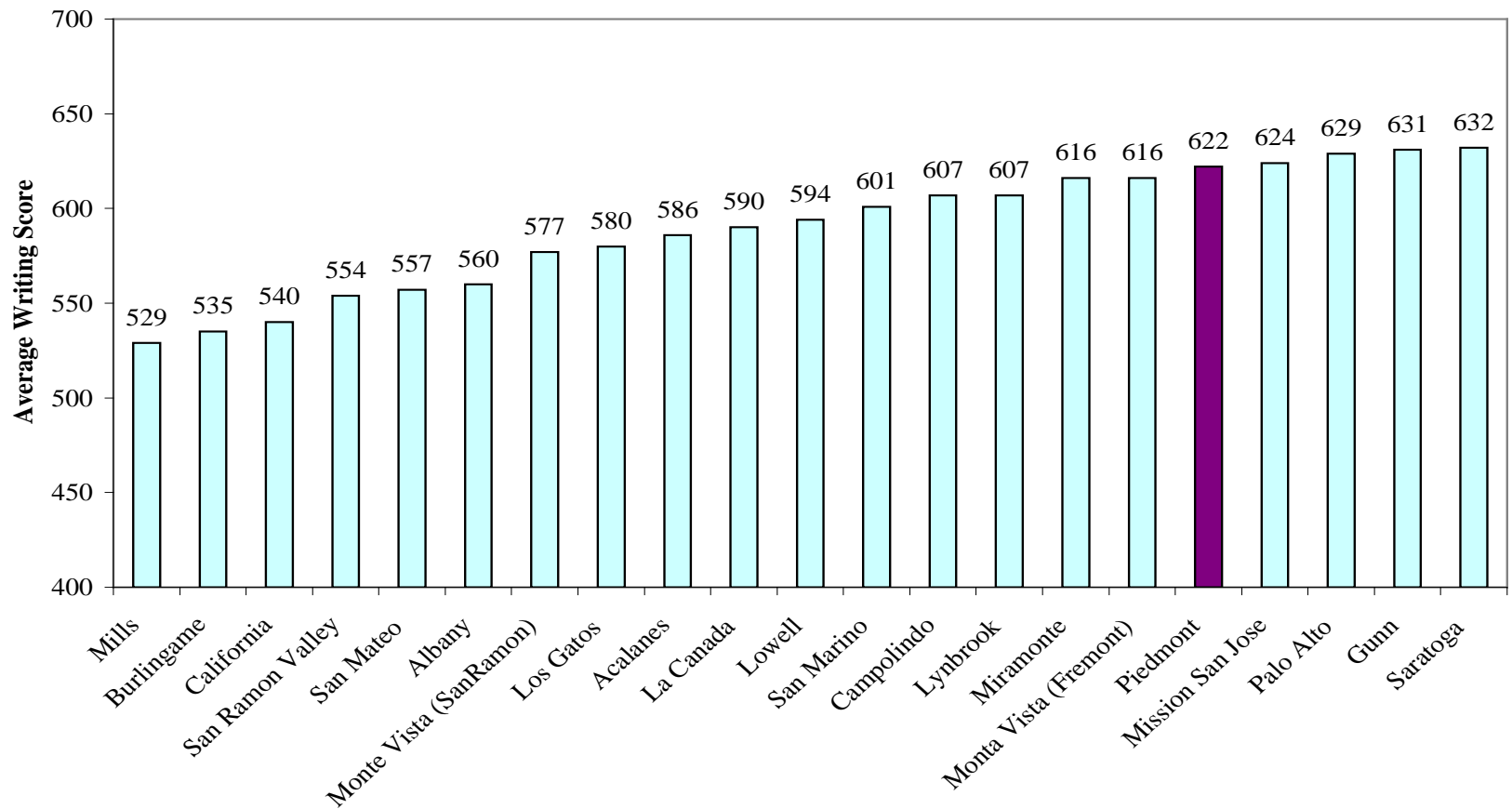
**Students with Total SAT I Score (Verbal, Math, plus Writing) Greater than 1,500 Points as a Percentage of 12th Grade Enrollment, 2006-07 (dark blue) and 2007-08 (light blue); Sort by 2007-08**



# Summary Analysis

## SAT 2007-2008

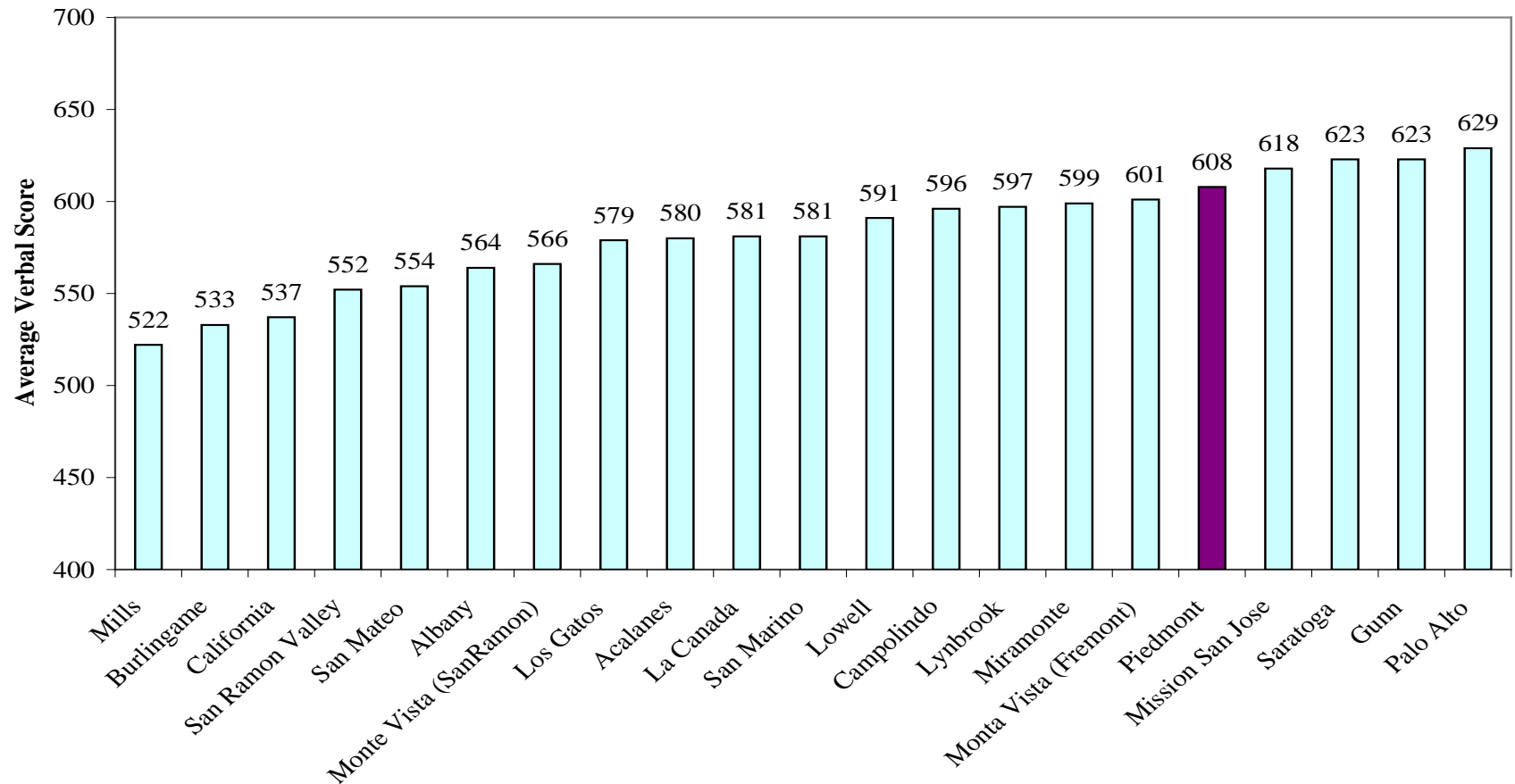
**SAT I, Average Writing Score, 2007-08**



# Summary Analysis

## SAT 2007-2008

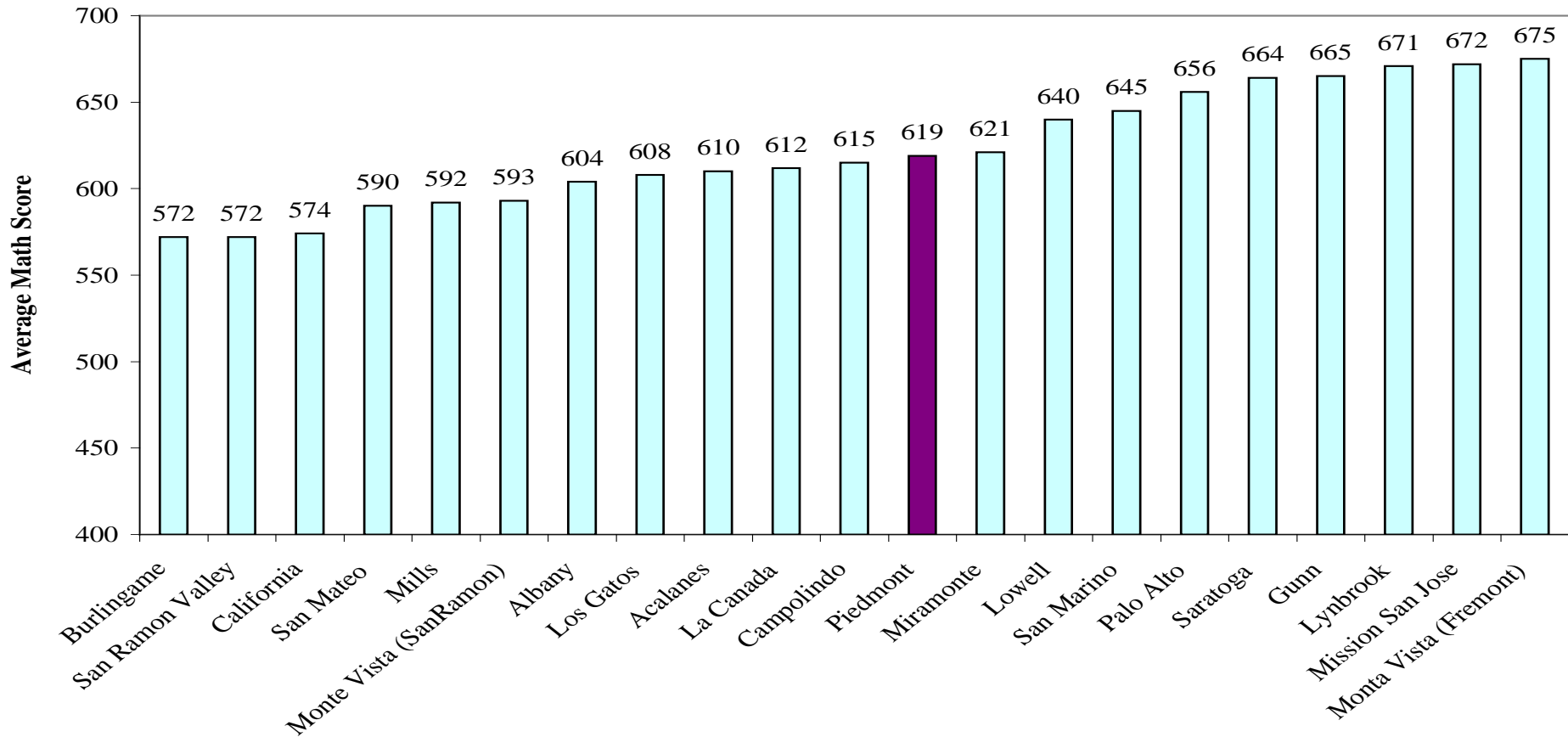
**SAT I, Average Verbal Score, 2007-08**



# Summary Analysis

## SAT 2007-2008

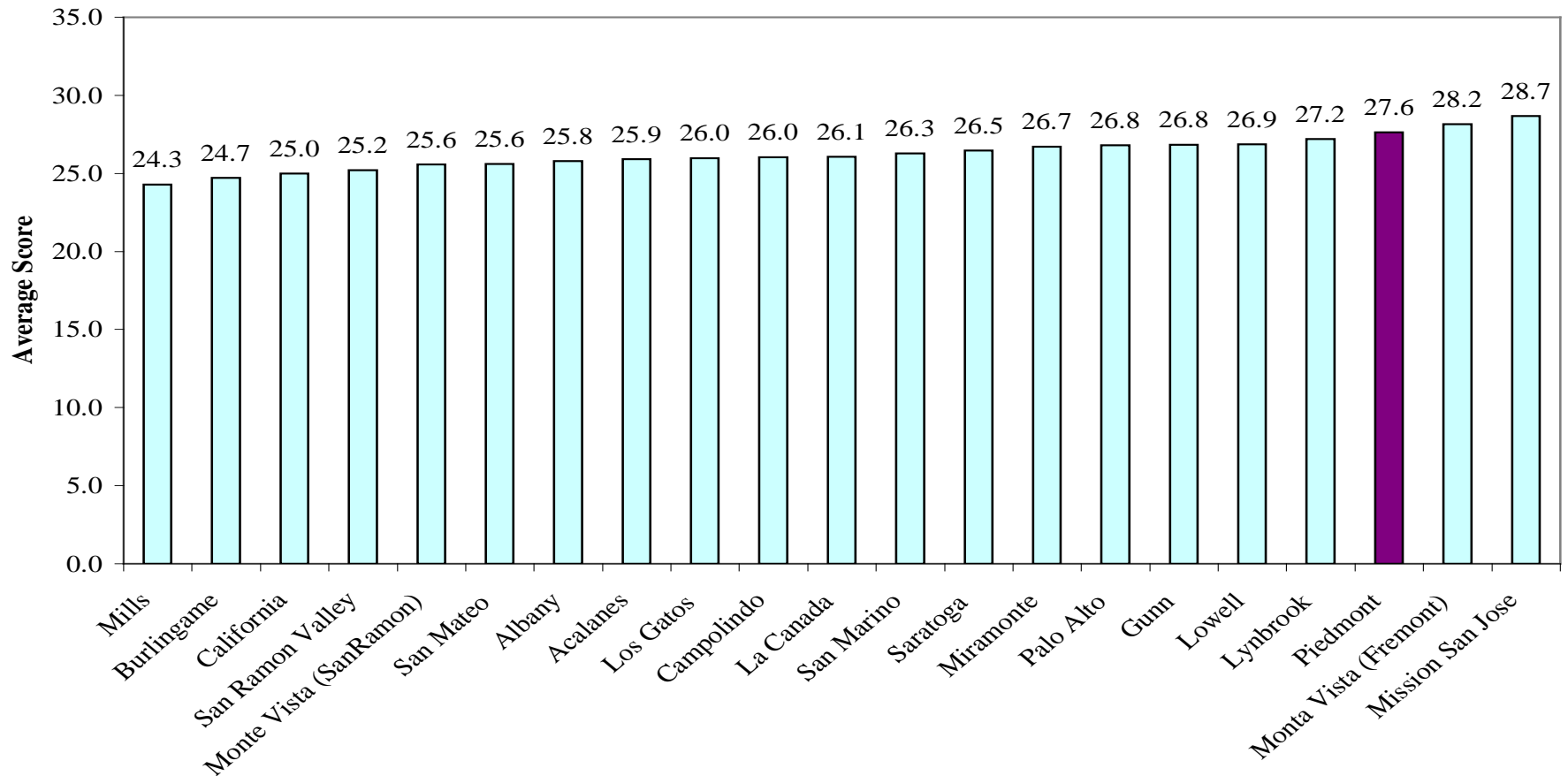
### SAT I, Average Math Score, 2007-08



# Summary Analysis

## ACT 2007-2008

**ACT, Average Score, 2007-08**



# Summary Analysis

## UC Analytical Writing

- 92% of PHS grads enrolled at UC, who took the UC Analytical Writing Placement, met the requirements versus 72% of all UC enrollees who took the test.

# Summary Analysis

## California High School Exit Exam (CAHSEE)

- Mathematics: 99% passed.
- English Language Arts: 100% passed.

# Current and Next Steps

- Site councils are using this information to inform goals within the Single Plan for Student Achievement.
- The District is identifying an assessment data collection and assessment development system for teachers and administrators (Piedmont Education Foundation Grant).
- Sites will be discussing and building upon formative/common assessment program in the District.