

Piedmont Unified School District Standardized Student Assessments Report

Presented to the Board of Education September
30th, 2010

David Roth, Ph.D.

Assistant Superintendent, Educational Services



Why Look At Standardized Assessment Data in PUSD?

- To determine how it may inform instruction that will improve student learning.
- Contributes to a baseline for the cycle of inquiry (e.g. single plans and curriculum review).
- Informs the community of the effectiveness of the PUSD program in supporting student achievement.
- Can provide a longitudinal reference for parents, teachers, administrators, the District/Board, and the broader educational community.

Summary Analysis

STAR – English Language Arts

District Performance:

- 2010 proficiency levels were above a 7 year high in grades 5, 6, 8, and 9. Grades 2 and 3 near (w/in 2%) the 7 year high.
- 2010 advanced range performance above a 7 year high in grades 3, 4, 5, 6, and 8.
- Grade 10 proficiency levels at a 7 year low.



Summary Analysis STAR - Mathematics

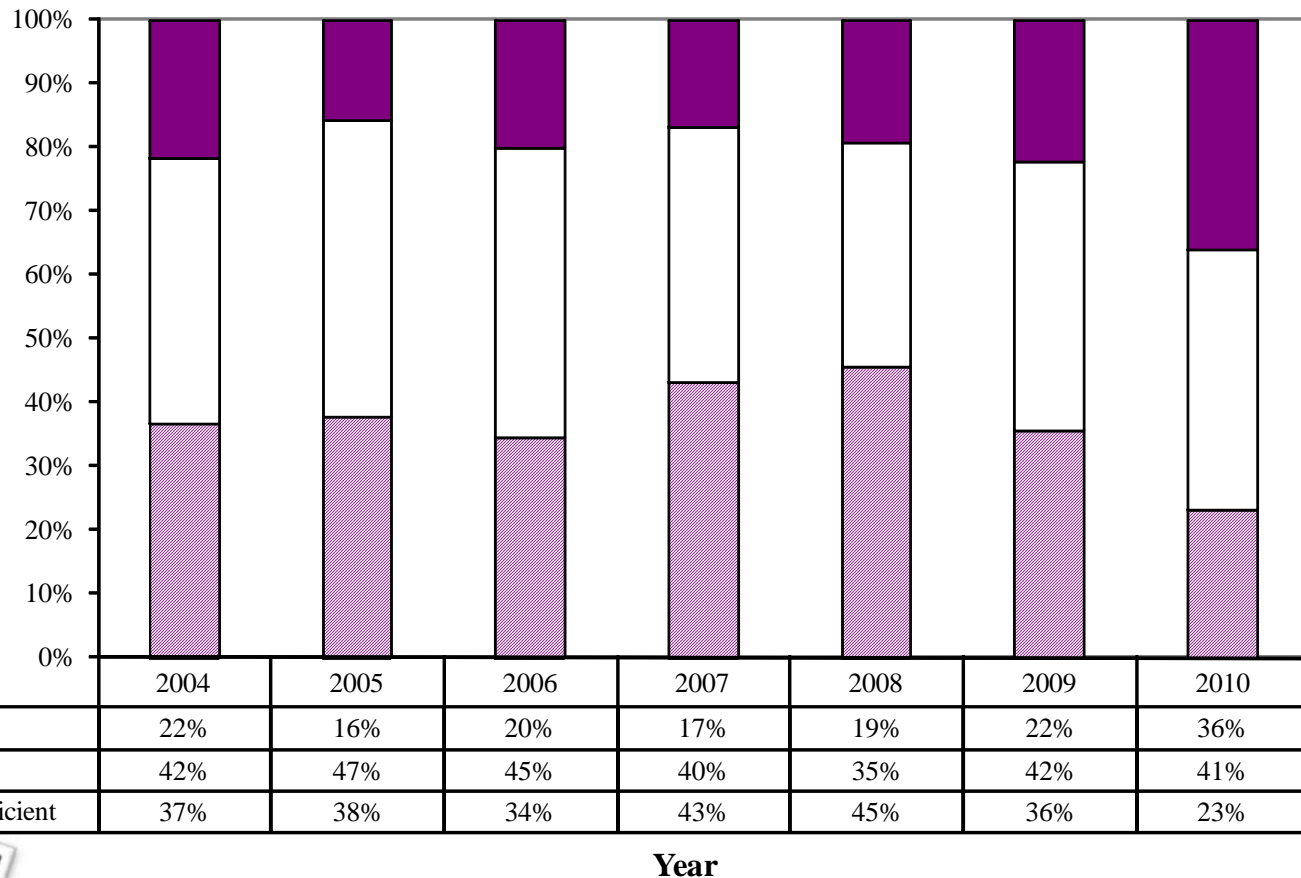
District Performance:

- Proficiency levels at a 7 year high in grades 2, 3, 5, 6, 7*_(two year high), General Math, Alg. I, and Alg. II. Geometry near (w/in 2%) the 7 year high.
- Advance range performance at a 7 year high in grades 3, 5, 6, 7*_(two year high), Alg. I, Geometry, Alg. II, and Summative Math



Notable Increase

Mathematics, Algebra I, 2004-10, PUSD



Summary Analysis

STAR - Science

- 2010 proficiency levels at 7 year high in grade 5 and five year high in grade 8. Near (w/in 2%) 7 year high in Physics.
- Advanced range performance at 7 year high in grades 5, 8, and Chemistry. Near (w/in 2%) 5 year high in grade 10.



Summary Analysis

STAR – History – Social Science

- 2010 proficiency level at 7 year high on grade 8 History – Social Science.
- 2010 advanced range performance at 7 year high on grade 8 History – Social Science and grade 11 U.S. History.



Comparable Schools

- The District has reviewed the STAR test results of high performing schools. These comparisons may be found in the District's Standardized Student Assessment report. The report will be posted on the District website.
- Following slides indicate how many percent below or above the mean proficiency levels of comparables.



Comparability - ELA

- **How does PUSD compare with other high performing Unified and Elementary School Districts on STAR?**
 - **Unified Districts (Grades 2-11):** 5% above mean.
 - **High Schools (Grades 9-11):** 3% below mean.
 - **Elementary Districts (Grades 2-5):** Beach & WW: 1% above mean - Havens: 2% below mean.
 - **Elementary Districts (Grades 6-8):** 3% above mean.



Comparability - Mathematics

- **Grades 2-5:** Beach & WW: 3% above mean – Havens: 3% below mean.
- **Grade 6:** 5% above mean.
- **Grade 7:** 1% above mean.
- ***General Math (grade 8):** 26% above the mean. Proportion of 8th graders highest among comparables.
- **7th grade Algebra I:** 5% below mean.
- **8th grade Algebra I:** 7% above mean.



Comparability – Mathematics Cont'd

- **High School Alg. I:** 7% above mean.
- **8th grade Geometry:** 5% below mean.
- **High School Geometry:** 11% below mean.
- **Algebra II:** 11% below mean.
- **Summative Math:** 11% below mean.



Comparability - Science

- **5th Grade Science:** 2% & 4% (Havens & Beach) above mean and 7% below mean (WW).
- **8th Grade Science:** 3% below mean.
- **Earth Science:** 14% above mean.
- **Biology:** 8% below mean.
- **Life Science:** 6% below mean.
- **Chemistry:** 6% below mean.
- **Physics:** 2% above mean.



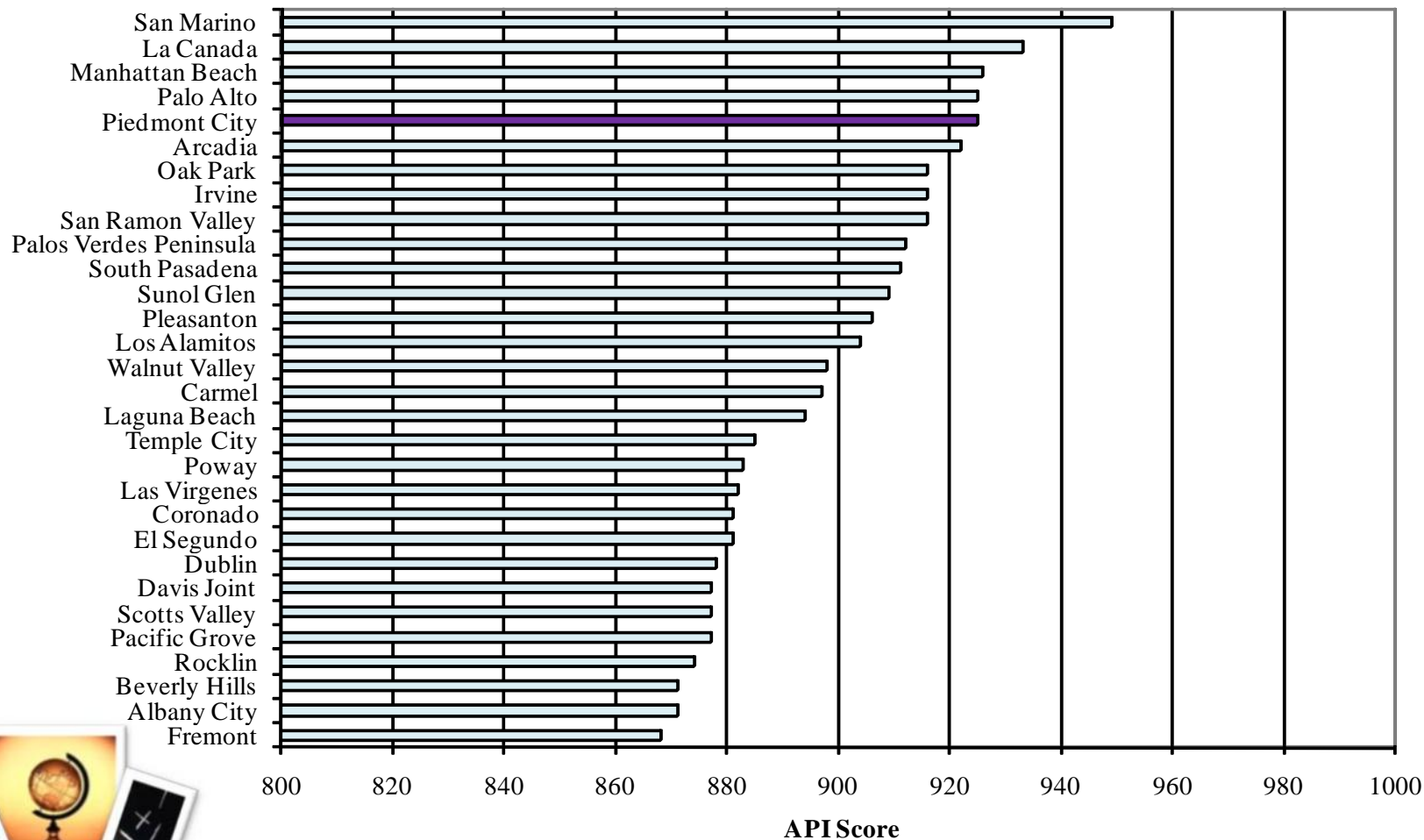
Comparability – History/Social Science

- **Grade 8:** At the mean.
- **World History:** 3% below mean.
- **U.S. History:** 5% below mean.



Academic Performance Index (API)

Top 30 Unified Districts, API 2010



Advanced Placement

Year	# Test takers as % of gr. 11+12 enrollment	Score 4 or 5 as % of Total # Scores
2009-10	59%	80%
2008-09	55%	75%
2007-08	60%	66%
2006-07	64%	65%
2005-06	63%	63%
2004-05	58%	63%



Conclusions:

- District-wide, proficiency levels on ELA and Mathematics were 90% and 89%, respectively.
- Overall, proficiency levels continued to trend higher.
- District should review percentage of students taking Algebra I in 7th and 8th grade.

