



## 2010 Student Achievement Data

### SLN Principal Schools Outperform Peers

SLN believes that the effectiveness of the SLN Program Model is reflected in the student achievement data from SLN Principals' schools. Analysis of test scores from the end of the 09-10 school year for Massachusetts, New York City and Rochester, New York and San Antonio point to two key outcomes: SLN Principal-led schools made greater gains than schools that did not participate in SLN and secondly, that SLN Principals who have been in the program for multiple years showed more significant gains.

Highlights from the analysis are shown below by state:

#### Massachusetts

- High schools led by SLN Principals **outperformed the state graduation rate**, with an average of 83%.
- In 2010, schools led by SLN Principals in Massachusetts had 72% of students meeting proficiency standards in ELA, higher than the average for the state.

#### New York City

- 70% of K-8 SLN schools received an A or B** on the 2010 progress report.
- On average, SLN high schools had higher weighted **math Regents pass rates than 84%** of peer\* schools.
- SLN high schools had higher weighted English Regents pass rates than 65% of peer schools.
- NYC SLN-led high schools **outperformed the majority of peer schools in graduation rates, 2006-2010**.
- On average, SLN Principals led their NYC schools to **higher than the city average scores across all culture indicators** including expectations, communication, engagement, and safety.

#### Rochester, New York

- 100% of SLN K-8 schools had positive combined math/ELA mean scale score gains in 2010**.
- SLN schools outperformed the district according to mean scale score values. SLN schools had an average one year combined math/ELA gain of **four percentage points higher than the district as a whole**.

#### San Antonio

- 74% of SLN schools increased proficiency rates in math**, compared to 65% of non-SLN schools, a difference of 9 percentage points.

*Berkshire Arts and Technology Charter Public in Adams, Massachusetts, had strong gains with a first year SLN Principal; the school had a gain of 17 percentage points in ELA and math combined.*

*Between 2009 and 2010 Northwest College Preparatory High School in Rochester, New York, led by a first year SLN Principal, increased the proportion of students passing the Integrated Algebra Regents exam from 53% to 79%. In addition, the school increased the proportion of students passing the English Regents exam from 72% to 90%.*

## Significant Gains for Principals Participating in SLN for Multiple Years

Principals in New York City, Massachusetts and San Antonio have been participating in the SLN Program since 2006, and in Rochester, New York since 2007. This tenure enables SLN to analyze the data to understand what correlation might exist between participating in SLN for multiple years and year over year student achievement results. In looking at the 2010 data, while we understand that many factors play into the results, it suggests that outcomes are most positive for those who have participated in SLN the longest:

- Schools in Massachusetts, led by SLN Principals for 4+ years, **outperformed the state with an average total combined ELA/math gain of 19 percentage points** between 2006 and 2010.
- Rochester, New York K-8 schools led by SLN Principals for 3+ years outperformed the district over time according to mean scale score points. Between 2007 and 2010 those SLN schools **gained an average of 42 scale score points in math/ELA** combined compared to 31 scale score points for the district as a whole.
- In San Antonio, among principals who participated in **SLN for 3 years, a full 86% increased proficiency rates** in math.
- Third-year SLN Principals in San Antonio K-8 schools had an average gain in proficiency of 4.4 percentage points in reading and math combined, which is almost four-times greater than the 1.2 point average gain among non-participant schools' average gain of 1.2 percentage points.
- In San Antonio high schools, the average gain in proficiency among non-participant schools was 11.6 percentage points in Math and Reading combined, compared to a 15 percentage point gain **among second year SLN participants, three percentage points higher**

*Theodore Herberg Middle, Pittsfield, Massachusetts, led by a SLN Principal for four years, gained a total of 38 percentage points in math and ELA combined between 2006 and 2010. Math proficiency increased from 30% to 55% and ELA proficiency increased from 55% to 67%.*

\*The New York City DOE groups schools with 40 other similar schools based on student characteristics and prior achievement.