PVAAS SY2009-10 Statewide Scatter Plots
Mathematics and Reading
Grade 11

The Grade 11 PSSA-PVAAS Scatter Plots visually display the following data from the statewide distribution of PSSA results for 2009-10.

- **Achievement**
  - The mean predicted performance of the cohort
  - The actual mean performance of all students in the state is displayed for reference.

- **Growth**
  - School Effect ≈ Observed Mean – Predicted Mean
  - Standardized School Effect = School Effect relative to its error – this displays the degree of confidence.

The information below explains the meaning of each of the regions of an 11th grade scatter plot.