

# Working with VAM Data: 2012-2013 Implementation

---

Research Services

## Data sources

Use files from the FLDOE for the 2012 and 2013 FCAT reading, FCAT mathematics, and Algebra EOC.

## Rules for assigning points to teachers with VAM data (based on the proposed State Board of Education Rule)

For each subject, grade level and year separately use the Teacher VAM Estimate and its Standard Error (SE), the measure of uncertainty in the Teacher VAM Estimate, to assign points as follows:

1. Calculate the values of  $t$ , the ratio of the Teacher VAM estimate to its SE; that is

$$t = \frac{VAM}{SE}$$

2. Assign points in accordance with the values of  $t$ :
  - If  $t < -2$ , assign 12.5 points,
  - If  $-2 \leq t < -1$ , assign 25 points,
  - If  $-1 \leq t \leq 2$ , assign 37.5 points,
  - If  $t > 2$ , assign 50 points

### *Combining the points*

Aggregate the points assigned to a teacher in separate grade levels, subject areas, and/or years by computing their weighted average (with the numbers of students as weights).

### *Special considerations*

If a teacher has 2011-2012 individual VAM data, but no 2012-2013 VAM data, assign the 2012-2013 schoolwide points to that teacher.

If the total number of students on which teacher VAM points are based is less than 10, compare these points to the points the teacher's school is allotted and assign the larger of the two numbers of points.

## Rules for assigning points to teachers without VAM data

Assign the points from the school a teacher is assigned to. If a person is not associated with any school, assign the Districtwide number of points (37.5).

### *Assigning points to schools*

For each subject and grade level separately, assign points using the School Component and its Standard Error in the same way as above. Then, aggregate the points in mathematics and Algebra to a school weighted average (with the number of students as weights). Finally, select the larger of the points in reading or mathematics/Algebra.

### *Assigning points to school administrators*

For each subject and grade level separately, assign points using the School Component and its Standard Error in the same way as above. Then, aggregate the points in reading, mathematics, Algebra to a school weighted average (with the number of students as weights).