



## › Solution Brief

### Business Impact

“Roster verification is one way for me, as a principal, to ensure accuracy in the linkages between teachers and students. It ensures transparency and trust in the data.”

Dr. Theresa Melenas  
Principal, Union Middle School  
Sampson County Schools



### Challenges

- **Student mobility.** State data may not reflect students who were absent, relocated, pulled out or had unrecorded schedule changes.
- **Shared instructional practices.** It's difficult for state systems to accurately capture the nuances of instructional partitioning – such as team teaching, substitutes and specialists.
- **Lack of transparency and trust in reporting.** If teachers don't understand how their student rosters are derived, or how to make necessary corrections, it can lead to frustration and mistrust in the final growth measures.

# Attribute educational influence fairly using roster verification

## The Issue

Most states and districts collect and manage data about which students are assigned to which teachers. But these teacher-student data links often do not reflect the complexity of how instruction was actually delivered for each student. That's because having just one teacher for each student is no longer the norm at most schools.

To meet increased demands for differentiated instruction, schools frequently regroup students, assign specialists to work with specific students and employ team teaching methods where it's deemed beneficial. Generating reliable and meaningful student growth measures for individual teachers requires carefully gathering and analyzing all of this data. With this in mind, rosters that list each teacher's students must be detailed and accurate to deliver trustworthy analytical results.

With all the different uses of student growth reporting – from school improvement to accountability and evaluation – it's vital to have the most accurate information possible. Roster verification helps ensure that the right students are linked to the right teachers, for the right percentage of time. It's a critical first step toward achieving the data quality and transparency that's needed to create accurate teacher-student linkages.

## Our Approach

With a flexible and secure web-based roster verification tool, teachers and administrators can work together to capture complex instructional scenarios with precision. We provide software and services to help you:

- **Improve roster data accuracy** by enabling educators to verify their own rosters and adjust the percentage of instructional responsibility they had for each student.
- **Adapt your approach to local contexts.** Through close contact with state and local leadership, we provide clear documentation that's catered to your local processes and policies.
- **Encourage healthy collaboration** by following a defined, multi-phase process in which various teachers, school administrators and district administrators jointly verify roster data.
- **Track changes and results.** Our solution automatically maintains an audit trail reflecting student-level edits to teachers' rosters.

SAS® helps you accurately tie students' academic growth to individual teachers.

## The SAS® Difference:

### Roster verification that fosters confidence in student growth results

SAS delivers a trusted, flexible approach to roster verification that accommodates complexity and local nuances, building trust and buy-in for teacher effectiveness measures. With SAS, you get:

- **A secure, web-based application** that accommodates as many teachers as needed for each student. Multiple teachers can enter a percentage of responsibility for each student's instruction in each subject. Teachers can adjust the percentage of time (based on mobility) or instructional responsibility (based on shared instructional practices) for each student.
- **A single system, customized for you.** SAS provides streamlined, local-oriented training, communications and technical support through one system. This enables educators to improve data quality on the front end before student growth modeling and reporting.
- **A collaborative, multiphased process** for verifying rosters. Teachers agree on weightings and shared responsibility percentages, then linkages roll up to principals for approval or changes. Principals' edits can be reapproved by teachers before the data rolls up to the district, state administrator, then SAS.
- **An automatically created audit trail** shows the date and time stamp for student-level edits made to a teacher's roster. Administrators and teachers have full access to this information while completing roster verification – as well as afterward – to see who made edits.

## Case Study:

### North Carolina Department of Education

#### Situation

In 2008, North Carolina began providing classroom-level student growth measures to teachers across the state. But educators were uncertain about the accuracy of the student-teacher linkages in their student information systems. The state wanted to give teachers the opportunity to adjust their percentage of instructional responsibility to account for mobility, team teaching and other instructional arrangements. North Carolina's Roster Verification Pilot involved 16 schools from the Wake County Public School System. Statewide implementation began with all 115 local education agencies in 2012-13, when almost 154,000 rosters were prepopulated from PowerSchool, the state's data warehouse. This data was presented by submitting authorities at various levels of the state's hierarchy, but was not verified by the teachers who would receive value-added/growth reporting.

#### Solution

SAS® EVAAS® roster verification.

#### Results

The roster verification solution from SAS helped ensure transparency and accuracy in North Carolina's teacher-student data linkages. The results clearly emphasized the merits of the roster verification system:

- More than 48,000 additional rosters were added by teachers and/or administrators during the verification process.
- Nearly 13,000 rosters were removed from the system.
- The total number of rosters completed at the end of the verification process was more than 160,000. Of the remaining rosters, nearly 65 percent had modifications.

#### What if you could ...

##### Save time using one system for many purposes

What if you could allow teachers to make roster adjustments in the same system they use to view final student growth results?

##### Choose the training that's best for you

What if you could choose from flexible options, such as virtual learning modules and personalized support, to meet unique needs of the state, district or school?

##### Help ensure accountability

What if you could rely on your teacher-student data links to accurately account for student learning outcomes with input and validation at the classroom, school and district levels?

##### Cater solutions to your local specifications

What if you could adapt your roster verification program to address local contexts?

**You can. SAS gives you THE POWER TO KNOW®.**

#### SAS Facts

- SAS® EVAAS® for K-12 has provided student growth and value-added reporting for more than 15 years across 25 states.
- SAS EVAAS for K-12 can use clean, accurate teacher-student linkages coming from student information systems or from third-party RV providers.
- More than 750 school districts across four states use the SAS roster verification system.

Learn more at [sas.com/evaas](http://sas.com/evaas).