Baron Rodriguez – Director of State Data Systems, Data Quality Campaign

1

What is Data Driven Educator Development?

☐ The planned and systematic use of longitudinal aggregate-level data by policymakers and educators to develop new and revise existing policies and programs at the state and local levels to improve educator quality throughout the pipeline (i.e., pre-service, job embedded professional development, advanced credentials, etc.).

AND

☐ The planned and systematic use of longitudinal student-level data by teachers and principals to reflect on their own practice over time as well as with their current students in an effort to improve student achievement at the building and classroom levels.

2

Current Context

- Federal Funding Mechanisms
  - Race to the Top (RTT)
    - According to CCSSO's analysis, 9 states are currently using and 27 states are proposing to use student performance measures in their teacher compensation reforms; 18 states defined how student growth would inform teacher evaluation
  - State Fiscal Stabilization Funds (SFSF)
    - All states have agreed to develop teacher impact reports (e.g., value-added)
  - Investing in Innovation (i3)
    - 2,445 LEAs from all 50 states have indicated they intend to apply for $650M
    - Matching funds of $500 Million from private foundations such as Kellogg, Casey, and Hewlett Foundations.
  - Teacher Incentive Grants
    - Grants to states/districts to improve teacher effectiveness and develop compensation systems tied to student achievement. Prior fiscal years allocated less than $100M; ARRA allocated $137M; *FY10 allocated $300M*
  - IES SLDS Grant Program
    - 12 America COMPETES Act elements are required
  - ESEA Reauthorization
    - USED's Blueprint for Reform is closely aligned to the priorities of ARRA
  - METRICS Act of 2010 (*introduced*)
    - New grant program to states and districts focusing on the use of the data by educators.

3

Current Context *(cont.)*

- ❑ State and National Initiatives
  - ❑ State legislatures moving to tie student performance to teacher compensation/evaluation: FL, CO, IL, MI, OH, TN
  - ❑ NGA Compensation Pilot States: FL, IN, KS, LA, RI, TN
  - ❑ Measures of Effective Teachers (MET) Project: $335M from the Bill & Melinda Gates Foundation; invested in large school districts to develop compensation/evaluation models linked to student achievement; also funding large scale study of 3,000 teachers to develop measures of effective teaching.
  - ❑ AFT Innovation Fund has awarded local chapters grants to develop new compensation/evaluation models.

4

The Teacher-Student Link is the *Linchpin* in Improvement Efforts at *ALL* Levels

- Identify teacher impact/value add
- Target professional development
- Assist in staffing assignments
- Tailor classroom instruction
- Reflect on practice
- Research to determine characteristics of effective teachers
- Identify programs that prepare effective teachers

Teacher Student Data Link

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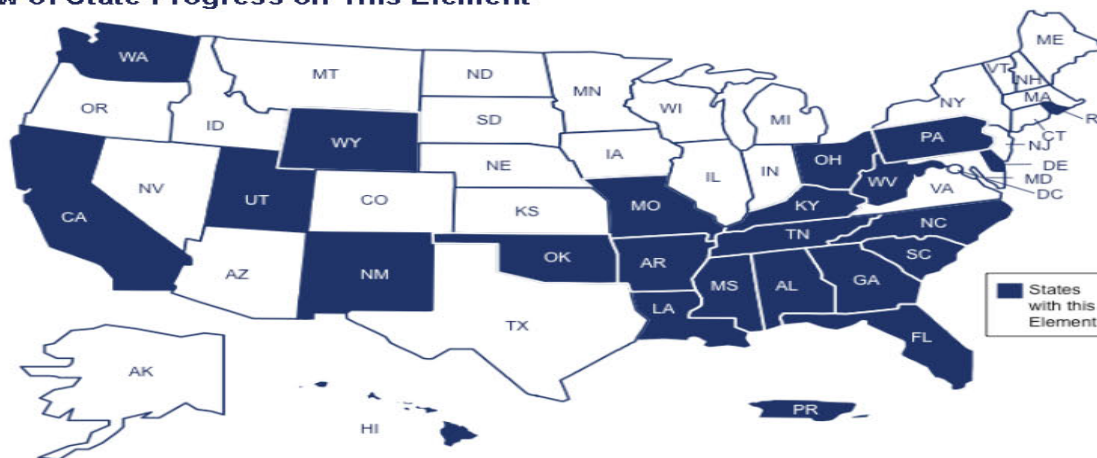## Element 5: Statewide teacher identifier with a teacher-student match

24 states have this Element*

All states collect data on teacher education and certification, but matching teachers to students by classroom and subject is critical to understanding the connections among teacher training and qualifications and student academic growth. Collecting these data makes it possible to identify which students and courses are being taught by teachers with different levels and types of preparation or certification and which forms of teacher training and certification have the greatest impact on students' academic growth in the classroom.
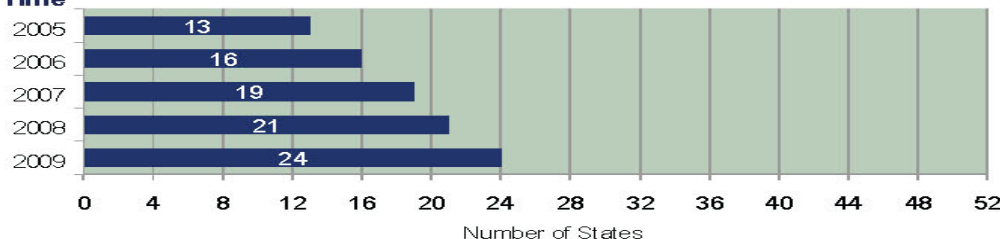
To be considered as having this Element in place, a state must:

- *Maintain a unique statewide identification number for each teacher; and*
- *Connect students to teachers by course and/or subject at the elementary, middle and/or high school levels.*

Overview of State Progress on This Element

States with this Element
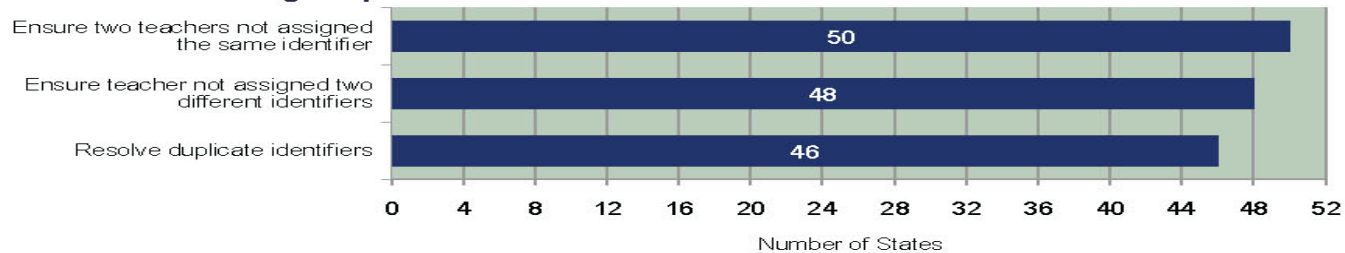
State Progress over Time

Year	Number of States
2005	13
2006	16
2007	19
2008	21
2009	24

*DQC survey results include all 50 states, the District of Columbia and Puerto Rico.

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Type of Teacher Identifier

TYPE OF IDENTIFIER

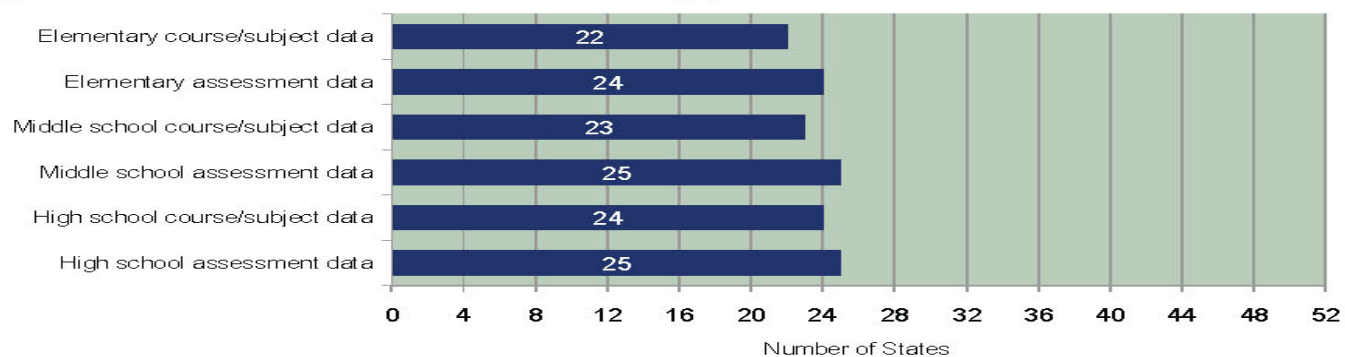| Type of Identifier	Number of States
Unique statewide teacher identifier	52
Unique identifier assigned by state	37
Social security number	15

Number of States
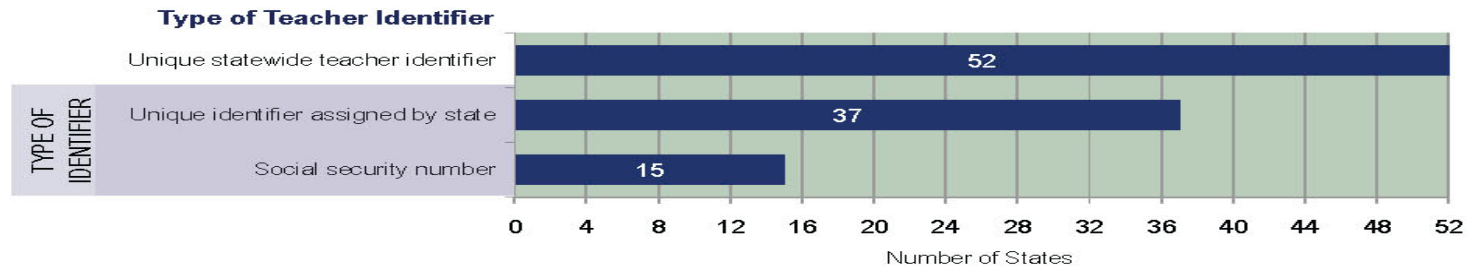
States should have procedures in place to ensure that each teacher has a unique identifier.

Procedures for Ensuring Unique Identifiers

Procedure	Number of States
Ensure two teachers not assigned the same identifier	50
Ensure teacher not assigned two different identifiers	48
Resolve duplicate identifiers	46

Number of States

Types of Teacher and Student Data that Are Matched, by School Level

Type of Data	Number of States
Elementary course/subject data	22
Elementary assessment data	24
Middle school course/subject data	23
Middle school assessment data	25
High school course/subject data	24
High school assessment data	25

Number of States

For additional information on the 10 Essential Elements and your state's status on Element 5, visit www.DataQualityCampaign.org.

Thank You.

Evaluating 🍎 Rewarding
EDUCATOR EFFECTIVENESS
Navigating the Evolving Landscape

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