Data Quality Campaign's Ten Essential Elements and State Actions

10 Essential Elements

- ✓ **Student ID:** A unique statewide student identifier that connects student data across key databases across years
- ✓ **Student Info:** Student-level enrollment, demographic, and program participation information
- ✓ **Matching Student Test Records:** The ability to match individual students' test records from year to year to measure academic growth
- ✓ **Untested Student Info:** Information on untested students and the reasons they were not tested
- • **Teacher/Student Data Link:** A teacher identifier system with the ability to match teachers to students (currently in development)
- ✓ **Transcript Data:** Student-level transcript information, including information on courses completed and grades earned
- • **College Readiness Scores:** Student-level college readiness test scores (currently in development)
- ✓ **Graduation/Dropout Data:** Student-level graduation and dropout data
- ✓ **P-12/Postsecondary Records Match:** The ability to match student records between K-12 and higher education systems
- ✓ **Data Audit System:** A state data audit system assessing data quality, validity, and reliability

10 State Actions

- • **Link Data Systems:** Link State K-12 data systems with early learning, postsecondary education, workforce, social services, and other agencies (currently in development)
- • **Sustained Support:** Create stable, sustained support for robust state longitudinal data systems (not yet achieved)
- ✓ **Governance Structures:** Develop governance structures to guide data collection, sharing, and use
- ✓ **Data Repositories:** Build state data repositories (e.g. data warehouses) that integrate student, staff, financial, and facility data
- ✓ **Timely Access to Data:** Implement systems to provide all stakeholders with timely access to the information they need while protecting student privacy
- ✓ **Individual Progress Reports:** Create progress reports with individual student data that provide information educators, parents and students can us to improve student performance
- ✓ **Aggregate Progress Reports:** Create reports that include longitudinal statistics on school systems and groups of students to guide school-, district-, and state-level improvement efforts
- • **Research Agenda:** Develop a purposeful research agenda and collaborate with universities, researchers, and intermediary groups to explore the data for useful information (currently in development)
- • **Professional Development:** Implement policies and promote practices, including professional development and credentialing, to ensure educators know how to access, analyze, and use data appropriately (partially implemented – professional development is fully implemented; state not involved in credentialing process)
- ✓ **Raise Public Awareness:** Promote strategies to raise awareness of available data and ensure that all key stakeholders, including state policymakers, know how to access, analyze, and use the information