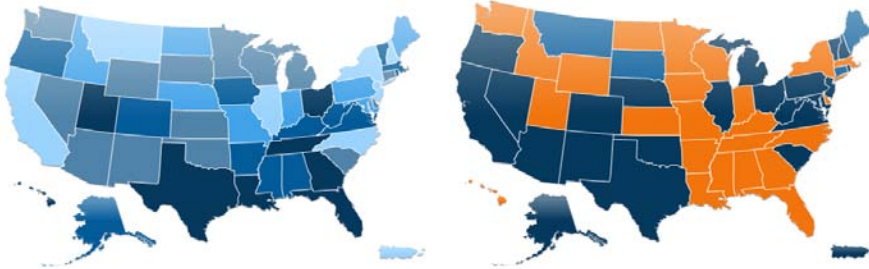## Data for Action 2010: DQC State Analysis

10 Essential Elements of a Robust Statewide Longitudinal Data System

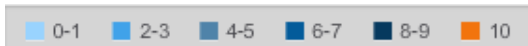2005   2010

Connecticut's total elements =

7

No state had all 10 Essential Elements   24 states have all 10 Essential Elements

| 0-1 | 2-3 | 4-5 | 6-7 | 8-9 | 10 |

Does Connecticut Have the Essential Elements of a Robust Data System?

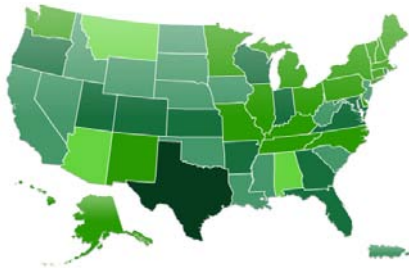|	Element	Connecticut's Status
1	A unique student identifier	Y
2	Student-level enrollment, demographic, and program participation information	Y
3	The ability to match individual students' test records from year to year to measure academic growth	Y
4	Information on untested students	Y
5	A teacher identifier system with the ability to match teachers to students	N
6	Student-level transcript information, including information on courses completed and grades earned	N
7	Student-level college readiness test scores	Y
8	Student-level graduation and dropout data	Y
9	The ability to match student records between the P-12 and postsecondary systems	N
10	A state audit system assessing data quality, validity, and reliability	Y

Can Connecticut Answer Critical Policy Questions?

➢ What percentage of students graduate, according to the four-year cohort graduation rate required by the 2008 federal regulations?
Elements 1, 2, 8   **Y**

➢ What percentage of students require remediation in postsecondary institutions?
Elements 1, 2, 8, 9   **N**

➢ Which teachers consistently achieve the most individual student growth in their classrooms?
Elements 1, 2, 3, 4, 5   **N**

➢ Which professional development programs have the greatest impact on the effectiveness of teachers as measured by student performance?
Elements 1, 2, 3, 4, 5, 6, 7   **N**
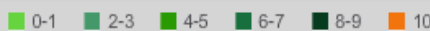
To see individual state progress on implementing the 10 Essential elements visit www.DataQualityCampaign.org.

Data for Action 2010: DQC State Analysis

2010

No state has all 10 State Actions

0-1	2-3	4-5	6-7	8-9	10

Connecticut's total actions =

4

Is Connecticut Implementing the 10 State Actions to Support Effective Data Use?	
Action	**Connecticut Status**
Link data systems across P-20 and the workforce to answer key questions	
1 Link state K-12 data systems with early learning, postsecondary, workforce, and others	N
2 Create sustainable support for the longitudinal data system (LDS)	Y
3 Develop governance structures to guide LDS	Y
4 Build state data repositories	Y
Ensure that appropriate data can be accessed while protecting privacy	
5 Provide timely role-based access to data	N
6 Create progress reports with student-level data for educators, students, and parents to make individual decisions	Y
7 Create reports with longitudinal statistics to guide change at system level	N
Build capacity of all stakeholders to use longitudinal data	
8 Develop a research agenda	N
9 Implement policies to ensure educators know how to use data appropriately	N
10 Raise awareness to ensure all key stakeholders know how to access and use data	N

Has Connecticut Completed the 5 Game Changing Priorities?

Connecticut
status

➤ Fulfill the 50-state commitment to implement the 10 Essential Elements by September 2011. **N**

➤ Link K-12 with early childhood, postsecondary, and workforce data to answer critical policy questions. **N**

➤ Provide teachers, students and parents with access to longitudinal student-level data. **N**

➤ Share data about teacher impact on student achievement with educator preparation institutions. **N**

➤ Enact statewide preservice policies, including certification and licensure, and program approval, to build educator capacity to use data. **N**