Beginning to change culture around data

Compliance Reporting

Accountability

Continuous Improvement
Critical questions require longitudinal data across P-20/W spectrum

Early Childhood

K-12
- What is the graduation rate by high school?
- Which preschool programs best prepare students for kindergarten?
- To what degrees are high school math grades predictors of readiness for college math?

Postsecondary

Workforce
- What industries are most employing high school and college graduates?
- How successful are college graduates in the workforce by major or credential?
DQC’s Ten Essential Elements of a PK-12 Longitudinal Data System

1. Unique statewide student identifier
2. Student-level enrollment, demographic and program participation info
3. Ability to match individual students’ test records from year to year to measure growth
4. Information on untested students
5. Teacher identifier system with ability match teachers to students
6. Student-level transcript information, including information on courses completed and grades earned
7. Student-level college readiness test scores
8. Student-level graduation and dropout data
9. Ability to match student records between the Pre-K-12 and post-secondary systems
10. State data audit system assessing data quality, validity, and reliability
Progress building statewide longitudinal data systems

Every Governor & Chief have committed to build P-20/W data systems.
State Progress: Elements by Elements

10 Essential Elements

Number of States

Unique Student ID
Enrollment Information
Match test records yearly
Info on untested students
Teacher ID matched to students
Transcript Info
College-readiness test scores
Graduation and dropout data
Matching P-12 and postsec data
State data audit system

2005  2009
Beyond building: the challenge ahead is to support the use of data.

DQC’s 10 State Actions to Ensure Effective Data Use

- Expand the ability of state longitudinal data systems to link across the P–20 education pipeline and across state agencies
- Ensure that data can be accessed, analyzed and used, and communicate data to all stakeholders to promote continuous improvement
- Build the capacity of all stakeholders to use longitudinal data for effective decisionmaking
State of the Nation: 10 Actions (2009)
State Progress: By Action

- Link Data Systems: 8
- Develop Governance Structures: 24
- Build State Data Repositories: 33
- Create Progress Reports with student data: 10
- Create reports with longitudinal statistics: 17
- Develop a Research Agenda: 16
- Promote educator PD and credentialing: 0
- Promote strategies to raise data awareness: 4
DQC Annual Survey

- 2010-2011 survey is out for states’ to answer now
- Features new questions on use of data, linkages, privacy and security, etc.
- Expect to do a soft release of the results in January 2011
- All-day summit in March 2011 in DC
Progress and awareness has created a (friendly) data monster

- Huge Demand for Data.
- People Want Data Now.
- New Questions Around (ownership, privacy, security)
- Overwhelming the System.
- Lack of Coordination.
Highlighted DQC Initiatives

• Teacher of record – pilot project
• District-state linkages
• Role-based access
• Privacy, security, and confidentiality
• Governance strategies
10/21 - Using Data to Drive Improvement in Education and Training: Voices From States

2:00 PM - 4:00 PM (EDT)

With the tremendous progress that states have made around developing longitudinal student data systems, the possibility of interoperable P-20/W data systems is becoming real for more states. Engage in a conversation with representatives from Texas, Indiana, California, and Florida who will discuss the conditions that made linking their systems a reality and share how linked data has impacted their decision-making around accountability, resource allocation, alignment of systems, and continuous improvement. Featured panelists include:

- **Ruben Garcia**, Texas Workforce Commission
- **Carol Rogers**, Deputy Director, Indiana Business Research Center
- **Jay Pfeiffer**, Program Director State Longitudinal Data Systems, MPR Associates, Inc.
- **Mike Lewis**, Assistant Superintendent - Educational Services, Grossmont Union HS District
- **Michelle Kalina**, Senior Director of Operations, Cal-Pass
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