

*What's Next,
Data System?*

*LIASCD
Fall Conference*

Overview

- **Data Governance**

- Implement an **Educational Data Portal** with networking capabilities and customized “dashboard” information based on user role

- Implement an **Instructional Reporting and Improvement System** within the data portal so that users can access and analyze educational data, make decisions, and take action to improve outcomes for New York students

- Deploy an **Early Warning System** to identify students at-risk of dropping out of K-12 programs or not enrolling/persisting in post-secondary programs

- Deploy **Electronic Student Transcripts** to facilitate records exchange and service continuity

Data Governance

- Governance teams organized by region to provide school district, BOCES, and RIC input on critical decisions:
 - Data policy, including security, privacy, and the use of data
 - Design/functionality of the Data Portal / Instruction Reporting and Improvement System
 - Collection of required data elements
 - Implementation of enhanced or locally-defined data elements

Data Elements

Collection and reporting of teacher and course data that support:

- Growth and value-added model
- Instructional Reporting and Improvement System
- Performance evaluations (teachers, principals, and teacher/principal preparation programs)

2010-11

Initial Teacher/Course Data:

Unique teacher/principal identifier

Course code and enrollment for those courses associated with State assessment (3-8 ELA/math, 4/8 Science, courses associated with a Regents examination)

Numeric Final course grade for those courses associated with a Regents examination

Flag for Regents exam included in final course grade

2011-12

BOCES teacher/principal data

Additional teacher/course data (teacher/principal observation/evaluation outcome, tenure, certification, preparation program, preparation pathway)

All students must be reported as assigned to teacher(s) on a subject-by-subject basis ("common branch" course enrollment cannot support teacher evaluation decisions)

Add Numeric final course grades for courses collected at middle-level

Early Warning Reports, including **course attendance**, credits, grades

2012-13

Teacher/Course information collected for all K-12 courses

Educational Data Portal and Instructional Reporting and Improvement System

Electronic Student Transcripts

Early Warning Reports, including **daily attendance**, higher education data, suspensions

(Link with workforce, early childhood, fiscal, etc.)

Educational Data Portal

- Single sign-on data portal for the integration of reports and other data resources
- Differential access rights and “dashboards” based on user role (teacher, parent, student)
- Ability to collect feedback regarding feature enhancements

Instructional Reporting and Improvement System

- Predefined reports, designed based on user feedback
- Ad hoc query reports
- Networking, sharing, collaborating
 - Teachers, parents, students
- Interim/benchmark assessments (local)
- Formative assessment process

- Network Teams for collaboration and integration of data into instructional practice

Early Warning Reporting System

- Research-based predictive model (to expand with new data elements)
 - At risk of not completing P-12 programs
 - At risk of not enrolling in post-secondary programs or graduating with career-ready skills
 - At risk of not persisting in post-secondary programs

Electronic Student Transcripts

- Electronic exchange of student data to facilitate service delivery and data exchange
 - Between P-12 institutions upon transfer
 - Between P-12 and higher education institutions upon application
 - Between higher education institutions upon transfer
- Not a replacement for local P-12 or higher education transcripts

Questions or Comments

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