

Statewide P-20 Longitudinal Data System (LDS) Update

State of Michigan

**Center for Educational Performance and Information
(CEPI)**



Agenda

- Introductions
- Driving Forces for P-20
- America Competes Data Elements
- e-Transcript Initiative
- Unique Identification Code (UIC)
- Longitudinal Data System Overview
- Q&A



Driving Forces - Private

- **Data Quality Campaign (DQC)** 10 Essential Elements of an LDS include:
 - electronic transcript exchange including course completion and grades
 - student-level college readiness scores
 - ability to link K-12 and higher-education student data
- **State Higher Education Executive Officers (SHEEO)** 15 Essential Characteristics and Functionality of a State Postsecondary Data System
 - State issued unique identifier
 - Enrollment and completion data, student demographics, transfer data, persistence and graduation data
 - Remediation data, developmental education participation data
 - Student-level course and transcript data



Driving Forces - Public

- The **No Child Left Behind Act of 2001** is the primary driving force behind K-12 longitudinal data collection and reporting.
- **US ED Longitudinal Data Systems Grant (2006)** requires us to build the capacity to connect to P-12 to postsecondary – upgraded student data system; future modifications could include higher education if needed
- **US ED Longitudinal Data System Grant #2 (2009)** moves the state beyond capacity building to proto-typing data analysis and reporting using a functional LDS (data marts, OLAP cubes, analysis tools)



Driving Forces - Public (Cont.)

- In Michigan, **Lt. Governor Cherry's Commission on Higher Education and Economic Growth** is driving the extension on both ends from pre-K to higher education and workforce development.
- The Michigan College Access Network (MCAN) and the **College Access Portal Project** requires automation and integration of the transcript exchange process as a part of a focused effort to double the number of Michigan students who attend college and obtain a degree.



Driving Forces - Public (Cont.)

- **American Recovery and Reinvestment Act of 2009 (ARRA)**
 - \$1.3 billion from *State Fiscal Stabilization Fund* to support education (P-20)
 - The Four Assurances, CEPI's focus on "Improving Collection and Use of Data"
 - America Competes Act – primary focus on systems containing elements of data and system-wide exchange processes from the Data Quality Campaign
- All ARRA sub-grants require continued focus on data interoperability, P-20 connections, and LDS



America Competes Act 12 Elements

Where is Michigan?

- ✓ 1. A unique statewide student identifier that connects student data across key databases across years (*CEPI's Unique Identification Code UIC*)
- ✗ 2. **Student-level** enrollment, **demographics** and program participation information
- ✓ 3. The ability to match individual students' test records from year to year to measure academic growth
- ✓ 4. Information on untested students and the reasons they were not tested
- ✗ 5. A teacher identifier system with the ability to match teachers to students

America Competes Act 12 Elements

Where is Michigan?

- ✘ 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. **The ability to match student records between the PK–12 and higher education systems**
- ✓ 10. A state data audit system assessing data quality, validity and reliability



America Competes Act 12 Elements

Where is Michigan?

- ✘ **11.** Successful **student transition** to higher education; including enrollment in **remedial coursework**
 - number and percent of high school graduates who enroll in an IHE within 16 months of receiving diploma
 - Same group, one year's credit over two academic years
 - remedial coursework enrollment
- ✘ **12. Other information** necessary to address alignment and adequate preparation for success in higher education



Definitions Do Matter!

- Enrolled – determined initially to mean students who attend a class long enough to generate a record
 - Sign up, pay, drop, refund, NOT enrolled
 - Sign up, pay, drop late, no refund, IS enrolled
- Enrollment date – inferred based on first class reported on a transcript or data load
- Remedial Courses – class content considered predecessors to college-level curriculum

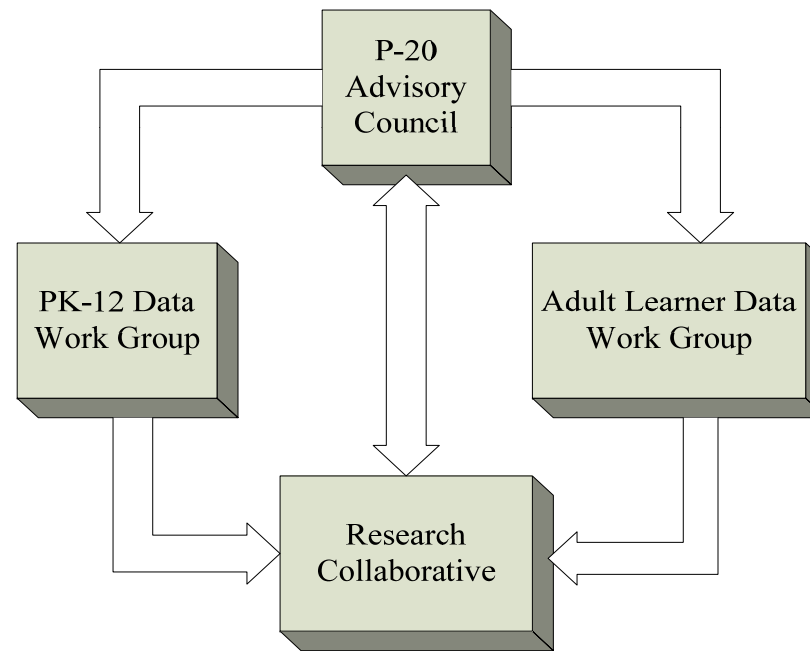


At the **postsecondary** level, what will it take to meet the challenge?

- **Use the UIC** – add it to postsecondary student information systems as it is made available
- Assign staff members to work with state staff to obtain UICs for new students and to maintain existing UICs.
- Participate in a **P-20 advisory council**, improve data quality, analysis, and reporting
- *Future – work with CEPI to efficiently gather and link data on important outcomes in alignment with mandates, if issued
- *Future – work with CEPI to analyze and/or obtain longitudinal analyses to support entity program reporting at state and federal levels



Hierarchy of the SLDS Governance Structure



State Longitudinal Data System (SLDS) Discussion



Why we're here...

- America Competes Act, ARRA, and SFSF require by September, 2011 the implementation of an SLDS that contains, among other things, data regarding individual students successful transition to postsecondary including:
 - Enrollment in a postsecondary institution within 16 months of receiving a high school diploma
 - Enrollment in remedial coursework at the postsecondary institution
 - Completion of 1 year's worth of college credit within 2 years of enrollment



How we are going do this...

- Create the Statewide Longitudinal Data System
 - Incorporating data from PK-12 and postsecondary institutions
- Implement Docufide e-Transcript system
 - Method of delivering UIC identifier from K-12 to postsecondary
 - Method of collecting data from postsecondary institutions
 - State will pull necessary data elements from Docufide temporary repository
- Implement UIC Web Service
 - Method for postsecondaries to obtain a UIC for students who did not come from a Michigan public K-12 institution



How we are going do this...

- Docufide repository
 - Temporary storage of sent transcripts
 - Postsecondary institutions periodically send transcripts of entire enrollment to repository
 - State to pull necessary data elements for reporting from repository
- Develop reports to meet federal reporting needs
- Convene P-20 Council to determine additional reporting requirements



What we need to accomplish this...

- Postsecondary participation in eTranscript initiative; sending transcripts to repository
- Individual-level student data
 - Identifying characteristics to match to K-12 data (UIC and core fields)
 - Postsecondary enrollment data
 - Enrollment Date
 - Total credits attained
 - Remedial coursework taken
 - Other data elements?



When we are doing this...

- Currently
 - Gathering requirements and documenting specifications of SLDS
 - Developing RFP to procure SLDS vendor services
 - Identifying work to be done within three project phases once vendor is on-site
 - Signing up postsecondary institutions to send transcripts to Docufide repository
 - Working with Governor's Office to create EO creating P-20 Council



When we are doing this...

- June 2010
 - Release RFP to procure SLDS vendor
 - Continue to sign up postsecondary institutions to send transcripts to the repository

- Summer 2010
 - Convene P-20 Council
 - SLDS Vendor selection

October/November 2010

- SLDS vendor contracted; begin SLDS design/development phase
- November 2010 – September 2011
 - SLDS system design and development



When we are doing this...

- Early 2011
 - Postsecondary sends transcript data to repository
- Summer 2011
 - State to receive postsecondary transcript data from repository
 - Analysis of postsecondary transcript data
- September 2011
 - Phase I of SLDS delivered and implemented
 - Meeting 12 America Competes Act required elements of an SLDS
 - Begin Phase II development
 - Define Phase III deliverables
 - Postsecondary sends transcript data to repository



Where postsecondary partners can contribute...

- Define necessary data elements to meet reporting requirements
- Identify potential data issues and caveats
- Implement eTranscript sending services
- Prepare to send periodic load of transcripts to repository
- Engage P-20 Council to identify additional potential SLDS usage



Presenters and Office Contact

Thomas Howell, Director, CEPI

Trina Anderson, Student Data Manager

Mike McGroarty, Longitudinal Data Manager

Melissa Bisson, e-Transcript Coordinator

CEPI Main Phone Line: 517 241-2374

Customer Support: cepi@michigan.gov, 517 335-0505, Option 3

