

# TSDS Advisory Group – Project Update April 21, 2011

# Agenda

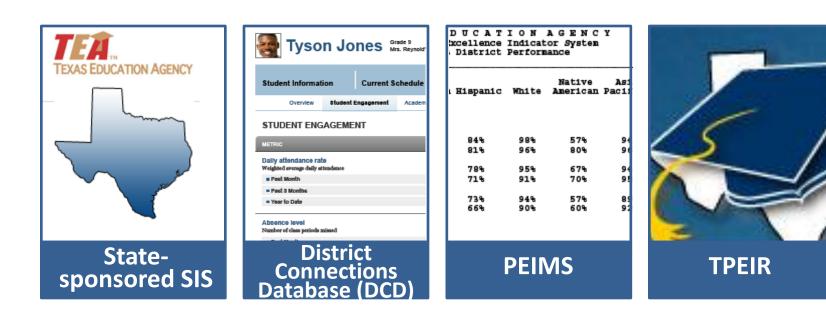
- Brief TSDS refresher
- Updates since last meeting
  - Dashboard Development
  - Dashboard Demonstration
  - Prototype Phase Milestones
- Next steps
- Frequently Asked Questions

# What is Texas Student Data System (TSDS)?

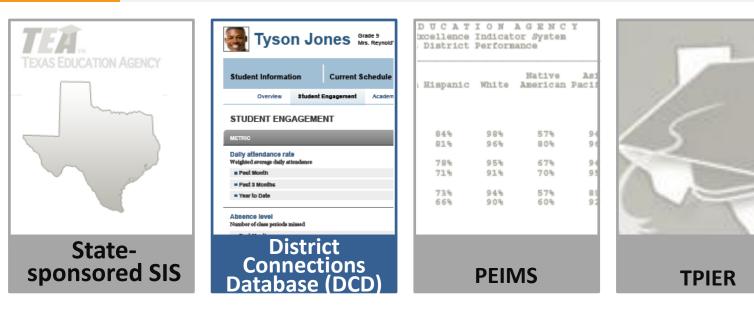
- A statewide system that will be available to all districts by 2014
- Integrate key data into TEA's P-20 data warehouse to better *understand students' preparedness* to contribute to the 21st century workforce
- A platform to deliver relevant and actionable operational data back to educators to *continually improve performance*
- Intends to alleviate data collection burden on school districts and improve data quality by using data that resides in existing district systems

System is supported by the state but the *data only available to educators (not the public)* 

## **Key Components of TSDS**



## **The District Connections Database**



- Student, campus, and district data snapshots
- System supported by the state but the <u>data only available to educators</u>
- DCD will eventually become conduit to submit student level PEIMS data
- However, <u>no</u> additional data requirements as a result of DCD implementation for PEIMS
- Loading of non-PEIMS data for educator dashboards is strictly <u>optional</u> and at the districts' discretion

# Moving away from static, summary level reporting

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## **Dashboards – Key Overview Points**

- Dashboards contain research-based leading indicators vetted by educators
  - Initial dashboards were designed by drawing from national education research and review of best practices across the country
  - Dashboards were reviewed by over 2,600 educators in Texas over the last 12 months
  - Revisions to dashboards based on stakeholder feedback

## Dashboards include:

- Four levels of views: Student, Classroom, Campus, District
- High School, Middle School and Elementary School appropriate metrics

## The dashboards will enable an educator to:

- View their incoming class at a glance, and see a complete overview of students' historical performance and attendance metrics, as well as any special accommodations required
- "Click-thru" on a specific student to get detailed information regarding assessment results, classroom performance, attendance and discipline issues, as well as contact information, mobility status, and other relevant data

## **Progress Recap**

## Captured and Incorporated Feedback

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## Completed Prototype Phase









# **District Connections Database Demo**

## **Prototype Phase Milestones**

Prototype Phase bbock Prototyp Phase II

REGION 10 EDUCATION SERVICE CENTER

- Developed prototype of High School Student and Campus metrics dashboards
- Created a data submission from the district to the DCD prototype, and powered portions of the dashboards using data supplied from SIS
- Demonstrated that a subset of PEIMS data could be generated by DCD
- Incorporated additional data sources, including HR systems, PSAT, and local assessments
- Developed Middle School and Elementary School metrics
- Expanded metrics to include: teacher metrics, longitudinal metrics, PSAT, repeat courses, and benchmark assessments
- Refined User Interface, adding student icons, campus drill-downs and teacher view
- Leveraged Region 10 experience with district source data systems
- Successfully mapped the draft data standard to Region 10 SchoolViz business intelligence applications

## Next Steps: Limited Production Release (LPR)

DCD and dashboards will be made available to six districts through Limited Production Releases over the next two years. One new release approximately every four months, each adding a new district and expanded functionality

# Limited Production Release (LPR) Overview

on, secure access for four roles

**Operational system** 



Dashboards for all district users

Expanded functionality



Give educators easy access to student data Will include all grade levels and views for teachers, principals, and district administrators

Minimum of six districts included in the LPR

Six releases over next two years, approx. one every four months Each adding additional district and functionality

Upgrade prototype to provide FERPA compliant, single sign-

Includes metric drilldown, PEIMS submissions, data export, link to intervention suggestions



Result in dashboards and data warehouse that can be scaled statewide

Scale infrastructure phased in during limited production release



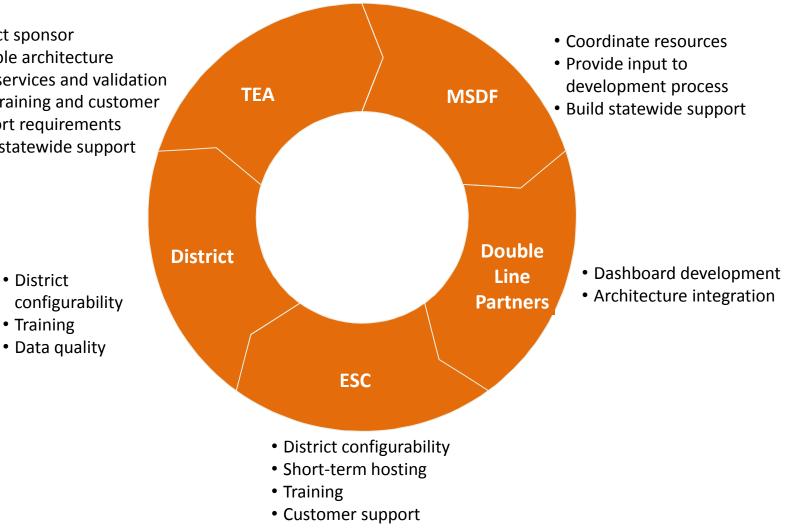
Test ability to reduce submissions burden

Will determine which other state and federal submissions can be fulfilled through DCD

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# **LPR Will Involve Multiple Partners**

- Project sponsor
- Scalable architecture
- Data services and validation
- Plan training and customer support requirements
- Build statewide support



# **Limited Production Release - Estimated Timeline**

FY10	FY11	FY12	FY13	FY14
<ul> <li>✓ Draft data dashboards defined</li> <li>✓ Dashboards finalized based on feedback</li> <li>✓ Stakeholder engagement</li> <li>✓ SLDS 2009 ARRA Grant Awarded</li> <li>✓ Draft data standard defined</li> <li>✓ Initial DCD (Dashboards) prototype</li> </ul>	<ul> <li>RFI for DW Solution Issued</li> <li>Draft Data Standards for DCD</li> <li>Evaluate RFI Responses</li> <li>Re-engineer Data Collection Business Processes</li> <li>Reguinited Prod Releases 1-2</li> <li>Requirements (Solution Components)</li> <li>Issue RFO(s)</li> <li>Select Vendor(s)</li> </ul>	<ul> <li>Limited Prod Releases 3-5</li> <li>Dashboard Enhancements</li> <li>Hosted DCD</li> <li>Integration with SSIS</li> <li>Integration with other SIS's</li> <li>Interface with other Source Systems</li> <li>PEIMS Collection through DCD</li> </ul>	<ul> <li>Limited Prod Release 6</li> <li>Dashboard Enhancements</li> <li>PEIMS Data Standards Published</li> <li>Begin Production Deployment</li> </ul>	◆Continued Deployment to all Districts

## **Progress Recap**

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	<ul> <li>Last eight weeks</li> <li>Year to Date</li> </ul>				10%	;	•	O More - O More -
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	N of class periods missed # Last fixer weeks				175	16	•	O Mare -
	Last eight weeks     Year to date				8 78	16 21	•	O More - O More -
		le stalent i bie omilieret						

## Completed Prototype Phase









# www.texasstudentdatasystem.org