TEXAS STUDENT DATA SYSTEM
SIMPLE SOLUTION. BRIGHTER FUTURES.

TEXAS CLASSROOM TEACHERS ASSOCIATION

ONE-STOP SHOPPING FOR STUDENT DATA
Dr. Robert Durón, Brian Rawson & Melody Parrish
I. Why is our data collection system important?
II. What is TSDS?
III. How will TSDS work?
IV. Will TSDS replace PEIMS?
V. How will TSDS help LEAs?
VI. What are the StudentGPS Dashboards?
VII. How do we roll out to 1,237 LEAs?
VIII. What is the TSDS Training Model?
IX. What is the TSDS Support Model?
Why is our data collection system important?

...Because of the information it provides:

- Education Organization
- Finance
- Staff
- Student
- Campus Course Section
- Assessment Category
- Cohort

PEIMS

StudentGPS™ Dashboards
Why is our data collection system important?

...And because of the systems that depend on that information:

State-mandated PEIMS Reporting

<table>
<thead>
<tr>
<th>State Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEIS</td>
</tr>
<tr>
<td>Snapshot Reports</td>
</tr>
<tr>
<td>Accountability System</td>
</tr>
<tr>
<td>Other Public Reports</td>
</tr>
</tbody>
</table>

PEIMS data is integral to TEA and LEAs for meeting their state and federally mandated functions.
What is TSDS?

A data collection and reporting system that will:

1. Modernize the PEIMS data collection process to reduce technology risk and system downtime, allowing for more system availability and ease of use, and;

2. Put real-time student performance data in the hands of educators to improve student achievement, and;

3. Become the one common data collection platform for TEA to reduce the data collection burden on districts and charter schools.
How will TSDS work?

- **Optional**
  - Skyward or TCC
  - Reduced price
  - Improved functionality
  - Hosted system

- **Data submission platform**
  - Supported by TEA
  - Data available only to educators
  - Powers StudentGPS™ Dashboards

- **Education reporting system**
  - Efficient
  - Stable
  - Expandable

- **Optional**
  - Student performance reports
  - Easy-to-understand
  - Early warning flags
  - Performance trends

- **Statewide**
  - Pre-K through workforce data
  - Publicly available
  - Aggregated and anonymous
  - Supports education research

---

**State-sponsored SIS** | **EDW**
---|---
Operational Data Store | Dashboard Data Mart
Person Enrollment Tracker | Unique ID
PEIMS Data Mart | Monitoring & Reporting

**TSDS PEIMS**

<table>
<thead>
<tr>
<th>Disaggregated Enrollment by Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-2012</td>
</tr>
<tr>
<td>2012-2013</td>
</tr>
</tbody>
</table>

**StudentGPS™ Dashboards**

- Powers StudentGPS™ Dashboards
- Monitoring & Reporting

**TPEIR**

- Statewide
- Pre-K through workforce data
- Publicly available
- Aggregated and anonymous
- Supports education research
Will TSDS replace PEIMS?

Mostly:

TSDS PEIMS will replace PEIMS-EDIT+, but the existing long-term/archival storage system will continue to be used.
How will TSDS help LEAs?

**Achievement**

- StudentGPS™ Dashboards will help educators **monitor and assess**—in **real time**—student performance.
- Vital information is in **one easy-to-use dashboard**, saving teachers time and effort.

**Cost**

- TSDS offers a **streamlined process** to reduce LEA time and effort, and an **optional SSIS** to reduce data management costs.

**LEA Compliance**

- The new Validation Tool and longer loading windows make it **easier and faster to load clean data**.
Benefits ripple out to many different groups

Cost Effective
- Leaving archives intact saves TEA program areas money
- More resources available for student programs
- Saves LEA resources

Easy to Use
- Students benefit from data-informed pedagogy
- Intuitive system eases strain on TEA support staff
- Saves administrators & LEAs time
- Saves teachers time, helps them get more out of data

Better Data
- Superintendents can track LEA progress with up-to-date data
- Teachers can identify & address problems early
- Student performance improves
- Better reporting options help teachers keep parents involved
- Better data improves reporting to TEA

Better reporting options help teachers keep parents involved
What are the StudentGPS™ Dashboards?

The dashboards are a collection of reports and metrics that provide educators with access to historical, timely, and predictive information on all students to help improve education outcomes for all Texas students.

* Participation in TSDS StudentGPS™ Dashboards is optional
**StudentGPS™ Dashboards:**
Grounded in Best Practices and Vetted by Educators

---

**Nationwide Best Practices Audit**
- Initial dashboards based on national education research and review of best practices across the country
- Received and incorporated feedback on dashboard from 3,000 educators in Texas
- Enhancements to dashboards based on stakeholder feedback

**Academic Research**
- Stanford University
- School of Education
- Teachers College
- Columbia University
- The University of Texas
- At Austin
- National Math + Science Initiative

**Focus Groups with 3,000 Educators**
Drill down to the individual Student level from any aggregate view

Data originates at the Student Level and rolls up to aggregate views
“After the information has been gathered, hopefully I would have a user-friendly service that would allow me to look at the information, serve my students and meet their needs more effectively and efficiently.”
StudentGPS™ Dashboards: Dashboards are a Valuable Tool for Educators

“100% of Lubbock ISD and 98% of PSJA ISD users said they are likely or very likely to recommend the dashboards to their colleagues.”

“This will be so valuable in communicating with parents.”

“I do LOVE that now I can access info about absences, credits, college readiness, etc. at the same time!”

“With this data we would be able to identify and challenge our power kids!”

Texas Education Agency: Texas Student Data System
“Attendance did surprise me! Our goal is set at 95% and we are still missing the mark.”

“It surprised me to see all the red for TAKS. Our campus goals are high!”

“WOW! Everything about my school is here. Unbelievable! It’s everything I need to do my job.

87% of PSJA users could see themselves using this tool on a regular basis to make decisions about instruction

Texas Education Agency: Texas Student Data System
It takes 10 – 15 screens in the student information system to get the information on the dashboard student profile page.
StudentGPS™ Dashboards: Mapping success for the whole student

Provide All Educators With Timely, Actionable Student Data
**StudentGPS™ Dashboards:**
Mapping success for the whole student

### Key Features:
- Highlights trends over time and flags negative trends
- Easily drill down for more detail (e.g., detail, historical data, student exception lists)
- Highlights where students are not meeting performance goals

<table>
<thead>
<tr>
<th><strong>Attendance and Discipline</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Daily attendance and days absent</td>
</tr>
<tr>
<td>• Class period attendance</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Assessments and Grades</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>• State assessments</td>
</tr>
<tr>
<td>• Language assessments</td>
</tr>
<tr>
<td>• Early reading</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Academic Potential</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Advanced course potential</td>
</tr>
<tr>
<td>• College readiness indicators</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Student Information</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Program participation</td>
</tr>
<tr>
<td>• Enrollment dates</td>
</tr>
<tr>
<td>• Contact information</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>
7 LEAs launch StudentGPS™ Dashboards
During Limited Production Release in 2011/12

Lubbock ISD
Enrollment: 29K

Alied ISD
Enrollment: 46K

Lewisville ISD
Enrollment: 50K

Allen ISD
Enrollment: 19K

Hays ISD
Enrollment: 14K

Pharr-San Juan-Alamo ISD
Enrollment: 32K

19

Lubbock

Lewisville

Allen

Hays

Taylor

PSJA

Taylor ISD
Enrollment: 3K
How do we roll out to 1,237 LEAs?

<table>
<thead>
<tr>
<th>Academic Year</th>
<th>TSDS PEIMS</th>
<th>StudentGPS™ Dashboards</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013/14</td>
<td>• Early adopters, ≤500K students</td>
<td>• Migrate LPR to TEA</td>
</tr>
<tr>
<td></td>
<td>• Test PEIMS</td>
<td>• Add early adopters, ≤1M students</td>
</tr>
<tr>
<td>2014/15</td>
<td>• Early adopters plus ≤1.5M students use TSDS for actual PEIMS submission</td>
<td>• Fall and Winter launch dates for ≤660K students</td>
</tr>
<tr>
<td>2015/16</td>
<td>• Add ≤1.5M students for TSDS PEIMS submission</td>
<td>• Fall and Winter launch dates for ≤660K students</td>
</tr>
<tr>
<td>2016/17</td>
<td>• All remaining LEAs migrated to TSDS PEIMS</td>
<td>• All remaining LEAs who want to use the dashboards</td>
</tr>
</tbody>
</table>
What is the TSDS Training Model?

- Train the Trainer model utilizing ESC staff
- Four areas of training provided:
  - PEIMS
  - StudentGPS Dashboards
  - Unique ID (scheduled for Early February 2013)
  - Technical
What is the TSDS Support Model?

- **Level 1**: Provided by district or ESC with assistance from vendors
- **Level 2**: Provided by ESCs
- **Level 3**: Provided by TEA
Demonstration of Dashboards: Overview

http://vimeo.com/47511948
Limited Production Release: Demo Site

https://lpr.dlpdemo.com

Secondary Teacher
Login: tpaul
Password: lpr11demo

Elementary Teacher
Login: dbunch
Password: lpr11demo
The Texas Student Data System

A statewide system for collecting and reporting education data. It will provide educators and administrators with actionable, timely data to improve student performance while easing the burden of data collection on LEAs.

Welcome To The Texas Student Data System

What is TSDS?

- A set of applications and databases that replaces and expands on the existing Public Education Information Management System (PEIMS) and on the Texas P-20 Education Information Resource (TPEIR)
- StudentGPS™ Dashboards for teachers and administrators

Questions?

www.TexasStudentDataSystem.org