

TEXAS STUDENT DATA SYSTEM

Overview

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Director, Statewide Data Initiatives, Texas Education Agency

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- I. What is TSDS?**
- II. What have we accomplished so far?**
- III. StudentGPS™ Dashboard Preview**
- IV. TSDS Data Governance Process**

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Introducing the Texas Student Data System

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A data collection and reporting system that will:

- ❑ Modernize the PEIMS data collection process **to reduce technology risk and system downtime**, allowing for more system availability and ease of use, and;
- ❑ Put **real-time student performance data** in the hands of educators to improve student achievement, and;
- ❑ Become the **one common data collection platform** for TEA to reduce the data collection burden on districts and charter schools.





Why is our data collection system important?

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...Because of the information it provides:

StudentGPS™ Dashboards

PEIMS



Education Organization



Finance



Staff



Student



Campus Course Section



Assessment Category

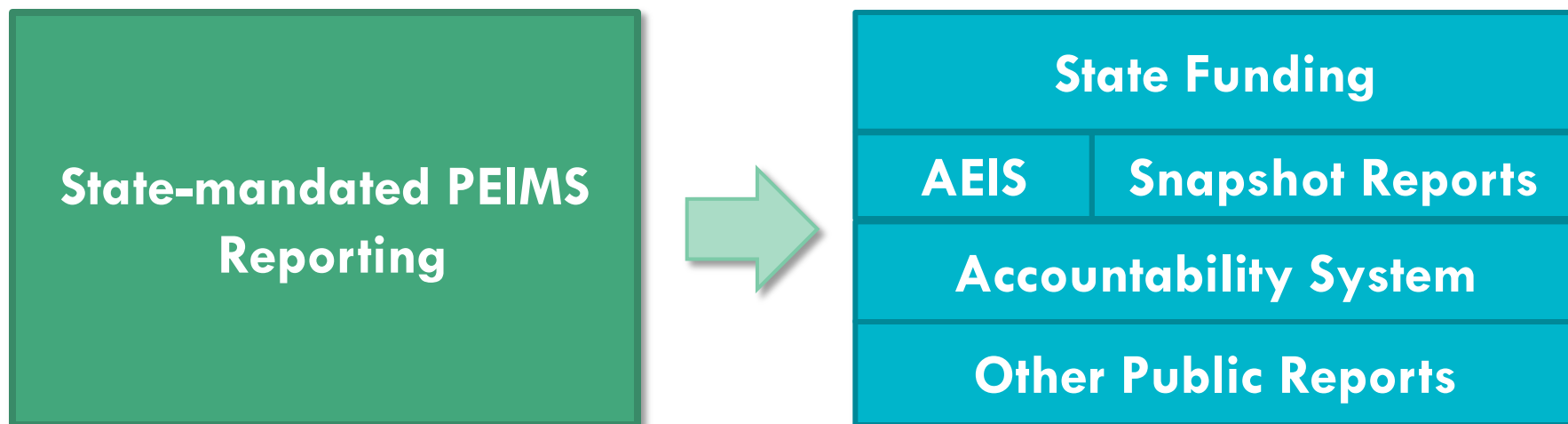


Cohort

Why is our data collection system important?

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



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



TEA Responsibilities to LEA Customers

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- Achieving performance goals
- Driving down costs
- Helping customers meet compliance



We're asking more from our educators at a time when resources are scarce.

How will TSDS work?

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State-sponsored SIS

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

EDW



Education Data Warehouse

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

PEIMS REPORT DATA REVIEW

Disaggregated Enrollment by Student

PRFAD734	2011-2012	Page
45	Y * 03 156789	5/16/
32	N 04 654798	5/23/
26	Y * 04 784562	4/1/12
38	* 123489	9/23/
31	Y * 04 456791	1/18/
33	Y 04 578438	11/2/
22	N 03 347915	2/14/
43	Y * 02 279483	12/9/
37	N 04 847316	3/1/12

TSDS PEIMS

- Education reporting system
- Efficient
- Stable
- Expandable



StudentGPS™ Dashboards

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



TPEIR

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



How will TSDS help LEAs?

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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.**

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Accomplishment:

State-sponsored Student Information Systems in Production

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- SSISs use a master contract negotiated by TEA to reduce price and improve SIS functionality.
- TEA staff monitor services provided and offers additional support to LEAs.
- New or improved features:

TCC TxEIS

Grad Plans
Test Score Reporting
Rubrics
Standards Based Grading
Discipline Referrals
Parent Portal
...and more

Skyward

Career Technology
Special Program Reporting
Scheduling
Registration
Data Security
Parent Portal
...and more

Initial releases:

TCC: 09/2011

Skyward: 08/2011





Accomplishment:

TSDS Online Platform in Development

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Jonathan Washington. jwashington@washingtonheightsisd.com


My Messages (10)


My Account

Help

Exit

Washington Heights ISD ↓



 Unique ID PEIMS StudentGPS™ Dashboards PET Admin Utilities Help Desk

Welcome

The Texas Student Data System (TSDS) is a data collection and management system that improves and standardizes the data collection and data management process in the State of Texas, and equips educators with timely, actionable and historical student data to drive classroom and student success.

TSDS is 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).


It includes the optional StudentGPS™ Dashboards for teachers and administrators.

TSDS provides a system for tracking and reporting on education data

Together, the system represents a ground-breaking effort to integrate and streamline data collection in order to reduce the burden on local education agencies and get more value from the data collected


GET STARTED

Manage Unique IDs




Select ▼

Manage Data Loads



Select ▼

Promote Loaded Data




Select ▼

To PEIMS

To PET

View Reports



Select ▼

My Messages

[View Older Messages](#)

System: ↓	Message: ↓	Date: ↓	From: ↓	Delete
Broadcast	PEIMS collections SY2014/15 open	8/31/2014	TEA admin	<input type="checkbox"/>
PEIMS	Summer collection status: COMPLETE	6/10/2014	system	<input type="checkbox"/>
Broadcast	*NEW* online PET training module	6/9/2014	TEA admin	<input type="checkbox"/>
Broadcast	StudentGPS User Group Conference	6/3/2014	TEA admin	<input type="checkbox"/>
PEIMS	Approval needed: Summer Collection	6/1/2014	system	<input type="checkbox"/>
Broadcast	StudentGPS maintenance 5/21/2014	5/18/2014	TEA admin	<input type="checkbox"/>

Unique ID

ver. release:

03/2013



Accomplishment:

TSDS Unique ID System in Production

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- **Required** for students and staff in order to load information to TSDS
- **Not SSN based**
- Will allow campus registrars to assign a Unique ID to a student **at time of enrollment**
- Will be **linked to PID** database

**Release date
for all 1,237
LEAs:
March 25, 2013**



Accomplishment:

Education Data Warehouse in Test

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- The **central data repository** for the TSDS system
- Currently being adapted by eScholar, and **tested by TEA**
- The **7 LPR LEAs** will be the first to use the EDW to host their data for the dashboards

**Release date
for 7 LPR
LEAs:
Summer
2013**



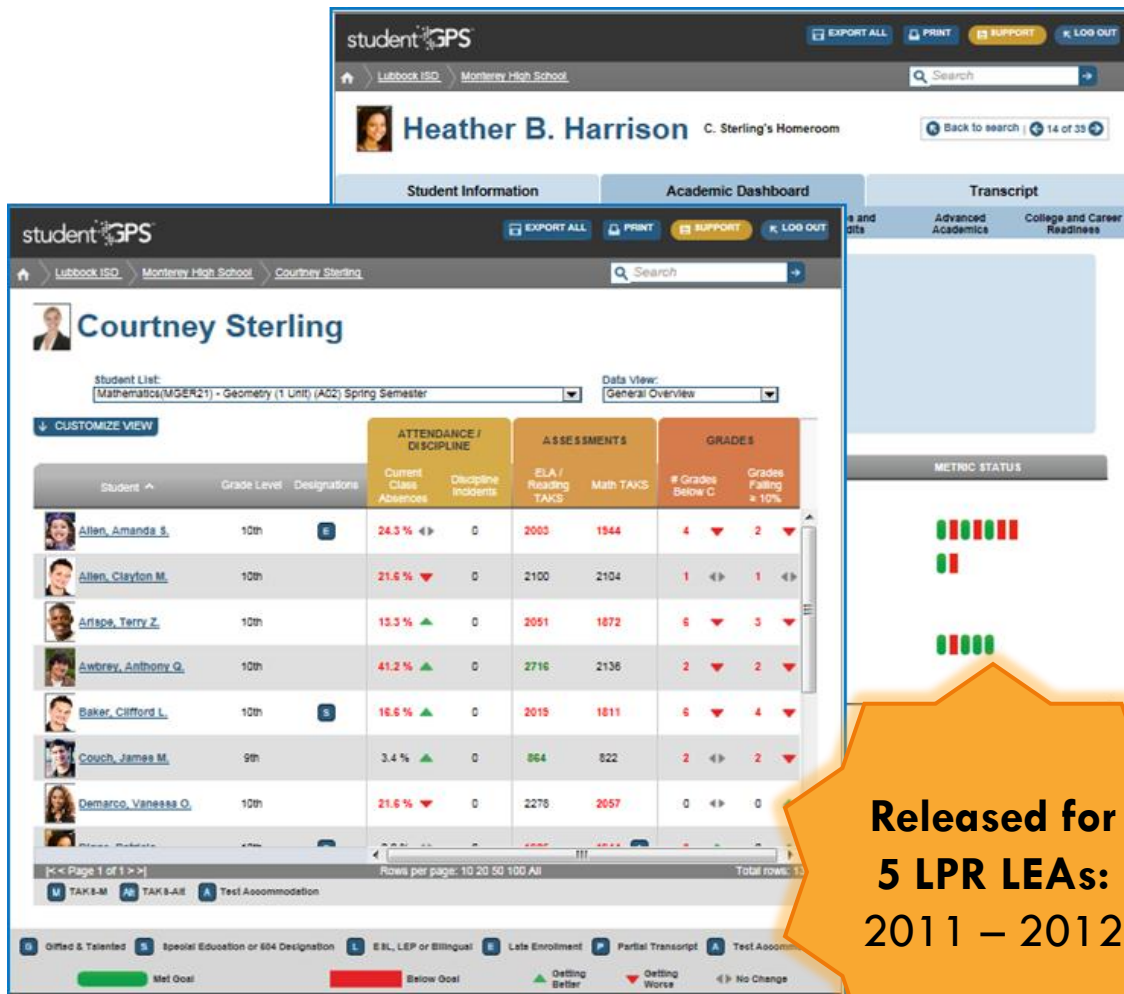
Accomplishment:

StudentGPS™ Dashboards in Production

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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.

- Pulls from multiple source systems.
- Data updates nightly.
- Format is user friendly and intuitive.



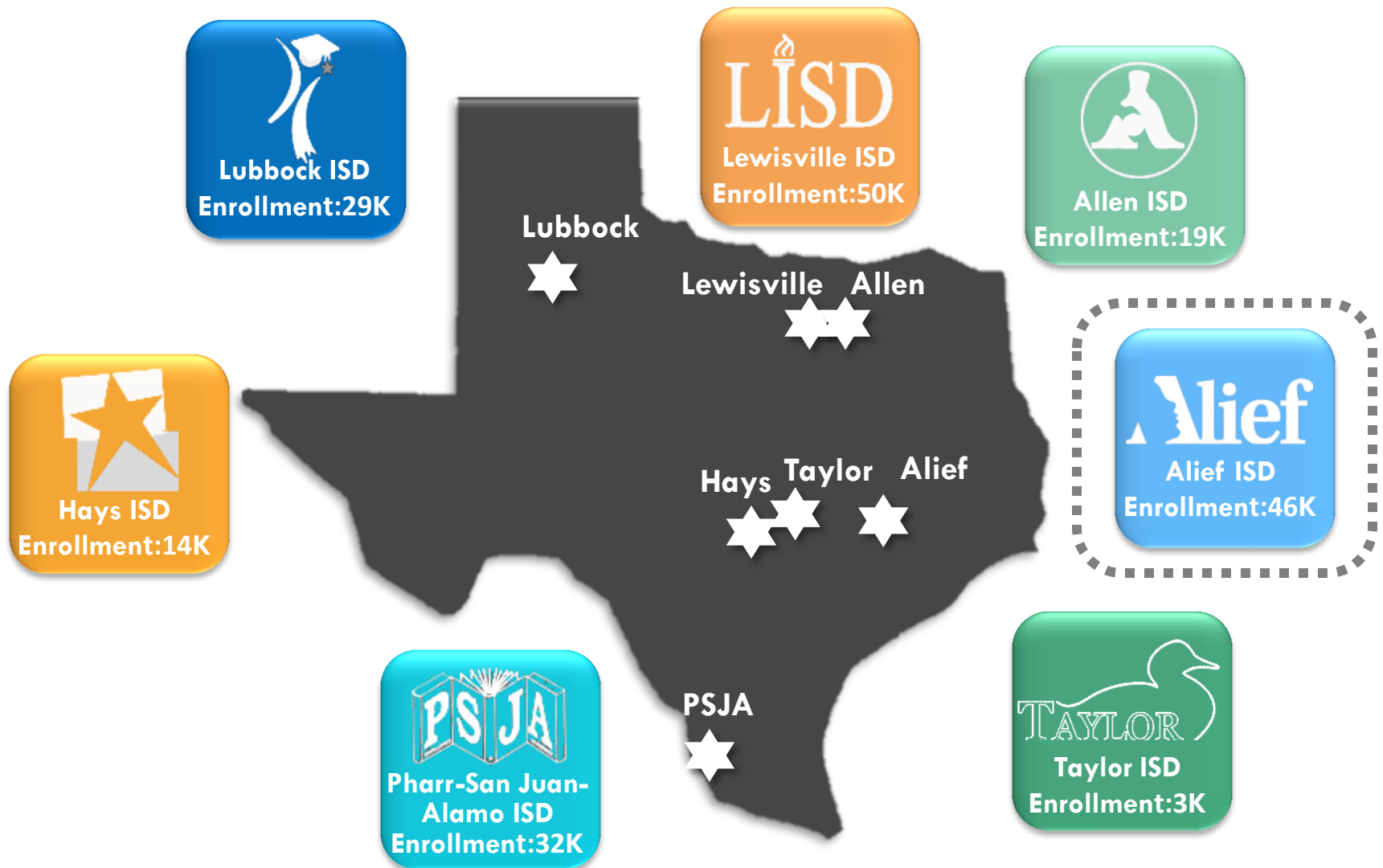
Released for
5 LPR LEAs:
2011 – 2012



7 LEAs launch StudentGPS™ Dashboards

During Limited Production Release in 2011 - 13

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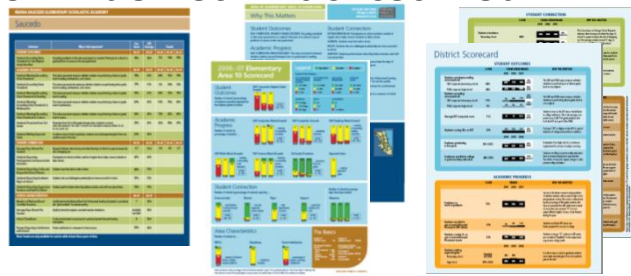
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Nationwide Best Practices Audit



Academic Research



Stanford University
School of Education



GEORGE W. BUSH
INSTITUTE

TEACHERS COLLEGE
COLUMBIA UNIVERSITY

THE UNIVERSITY OF
TEXAS
AT AUSTIN



NATIONAL
MATH + SCIENCE
INITIATIVE

Focus Groups with 3,000 Educators



- 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



StudentGPS™ Dashboards:

Mapping success for the whole student

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Attendance and Discipline

- Daily attendance and days absent
- Class period attendance
- Tardy rates
- Discipline



Assessments and Grades

- State assessments
- Language assessments
- Early reading
- District benchmarks
- Course / subject area grades
- Credit accumulation and 4x4



Academic Potential

- Advanced course potential
- College readiness indicators
- College entrance exams (SAT, ACT, PSAT)



Student Information

- Program participation
- Enrollment dates
- Contact information
- Key transcript data:
 - Current & historical courses, grades
 - TAKS and STAAR history

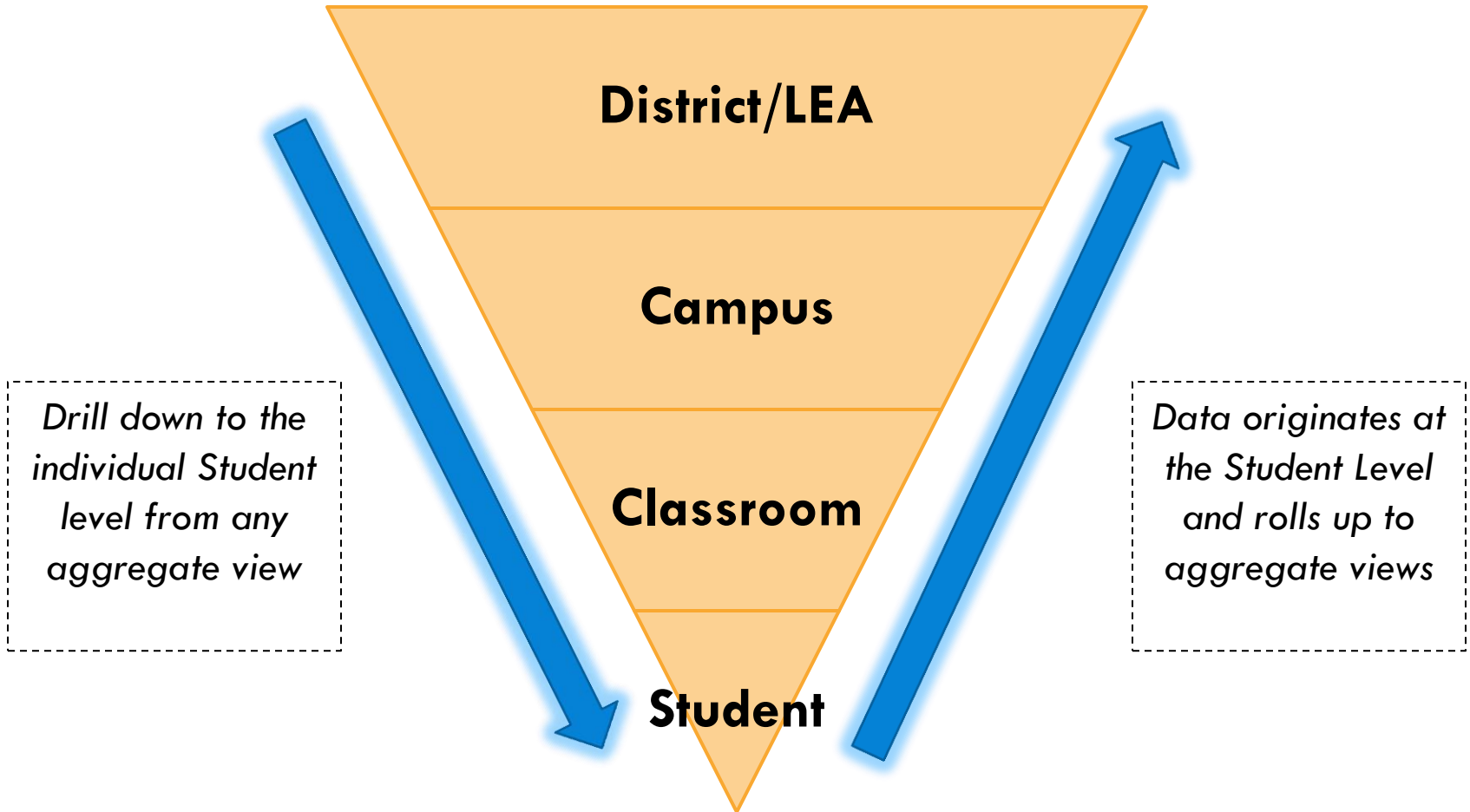
Key Features:

- 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

StudentGPS™ Dashboards:

Four Levels Driven by Individual Student Data

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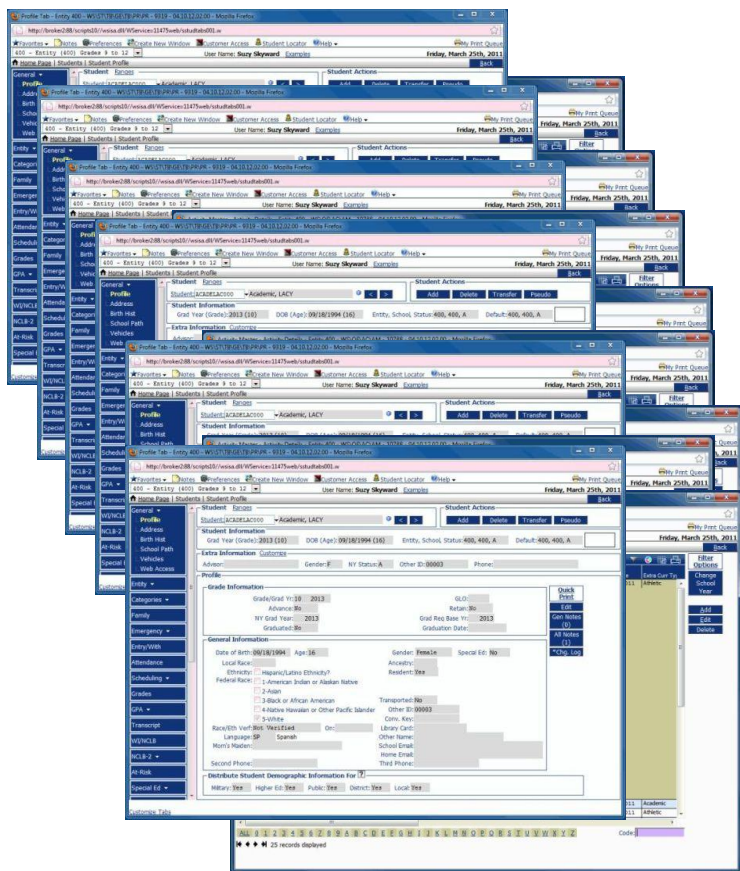



StudentGPS™ Dashboards:

Dashboards Save Users Time

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It takes 10 – 15 screens in the student information system to get the information on the dashboard student profile page



Student Information	Academic Dashboard	Current Schedule	Academic Profile
			
Anthony Q. Awbrey			
608 Miller Farm Rd Krum, TX 73367			
Guardian / Parent Information		Demographics	
Primary Contact		Date of Birth September 19, 1996	
Name Phoenix Patterson		Place of Birth Lubbock	
Relation to Student Mother		Age as of Sept 1 st 14	
Address 608 Miller Farm Rd Krum, TX 73367		Gender Male	
Cell Phone (619)-840-4563		Hispanic or Latino No	
Work Phone (806)-776-7000		Race Black - African American	
Email phoenix.patterson@tsds.org		Home Language English	
Name Rael Hickman		Student Language	
Relation to Student Father		Parent in Military No	
Address 637 Hitchcock Sta Krum, TX 74668		Single Parent/Pregnant No	
Cell Phone (766)-988-2194		Teen	
Work Phone (806)-747-2000			
Email			
School Information			
Grade Level 10th Grade		<input type="checkbox"/> Bilingual Program	
Late Enrollment		<input type="checkbox"/> Career and Technical Education	
Homeroom C. Sterling		<input type="checkbox"/> English as Second Language	
Date of Entry August 22, 2011		<input checked="" type="checkbox"/> Free or Reduced Priced Lunch Eligible	
Date of Withdrawal		<input type="checkbox"/> Gifted/Talented	
Graduation Plan Recommended		<input type="checkbox"/> Special Education	
Expected Graduation Year 2014		<input type="checkbox"/> Title I Participation	

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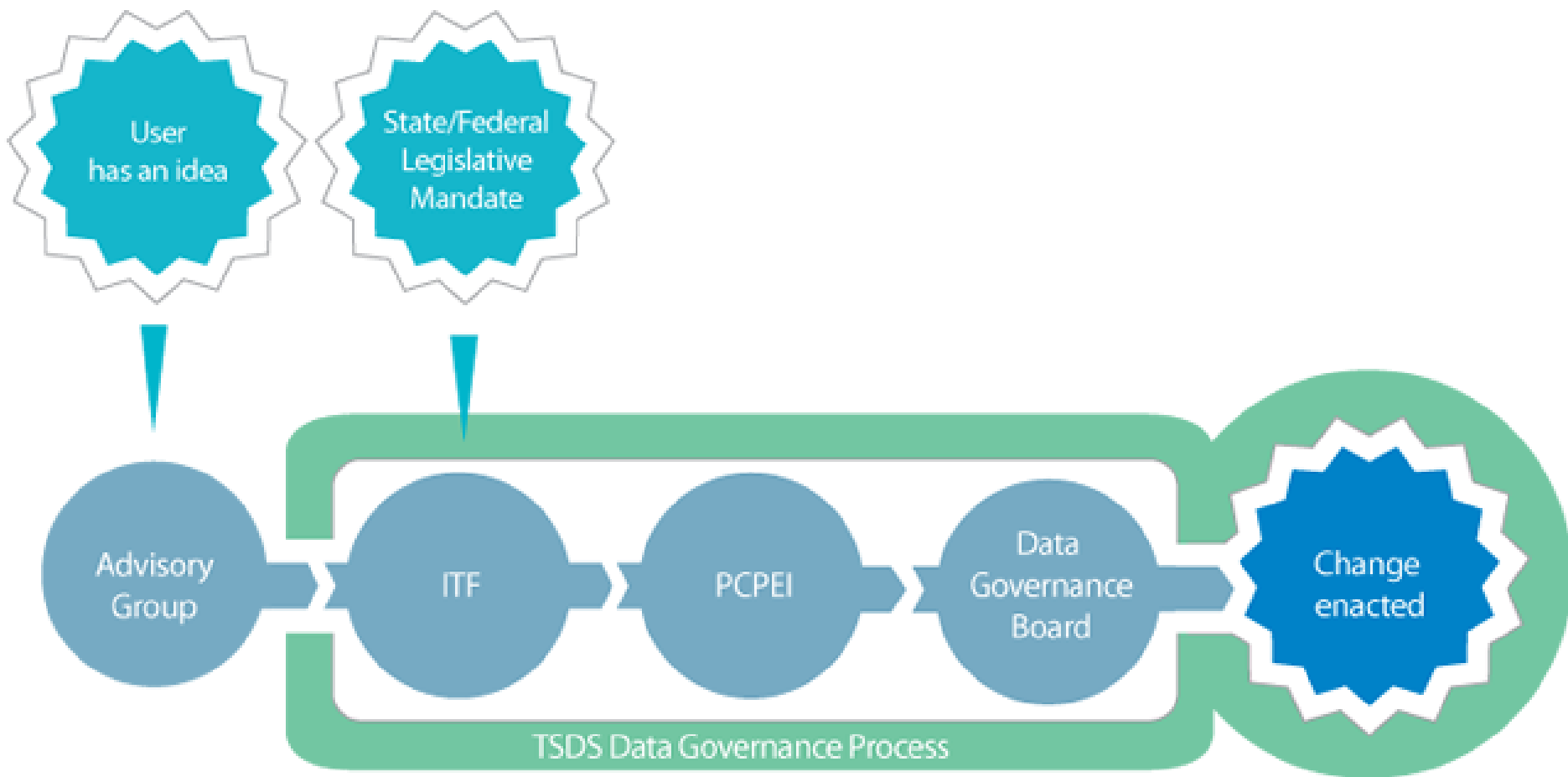
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General TSDS Process Mandate Process



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.

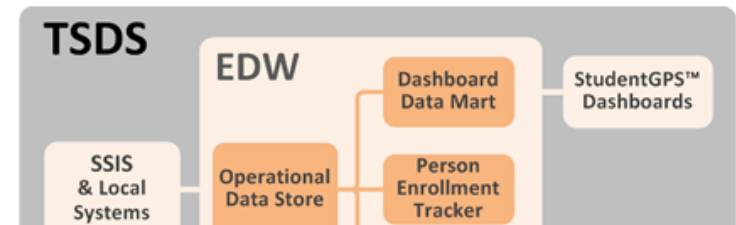


I am a... Choose One...

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



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Questions?

www.TexasStudentDataSystem.org