

Texas Student Data System



Texas Student Data System

The Future of Data Collection and Sharing in Texas

11/8/2011

Agenda

- 10:30 -10:40 TSDS Overview and Goals
- 10:40 - 10:50 EDW and TSDS Dashboards
- 10:50 - 11:10 Dashboard Demonstration
- 11:10 - 11:40 State-Sponsored SIS
- 11:40 - 11:45 Q&A

It's time for a change

Here's what most teachers know about a new student in their classroom.

MARIA GARZA



Student: Maria Garza

Grade: 11

Comments

High School
Bradock High School

Homeroom:
Mrs. James



It's time for a change

Here's what most PEIMS coordinators face at submission time



Data Collection and Information Sharing Today - Room for Improvement



Districts spend significant time providing data to TEA for PEIMS



Cost to districts is extremely high, estimated to be \$323M annually statewide



Data that is shared back with district is not timely and is not in a particularly useful format



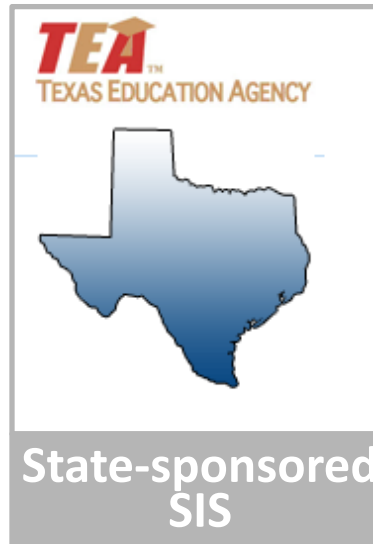
Data rarely makes its way to the educators best positioned to improve student achievement

Texas Student Data System (TSDS) is the Vision for Data Collection and Sharing in Texas

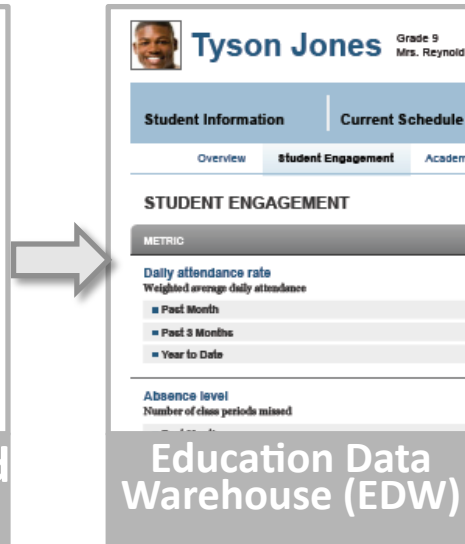
Enable 100% of educators to have access to timely, relevant, actionable data to drive classroom and student success

- A data system *for teachers, designed by teachers*.
- Delivers relevant, timely and actionable student data back to educators to *continually improve performance*
- A “*One stop shop*” for student data available anywhere - brings together student information from multiple sources
- Reduces reporting and collection *burden to districts*
- Requires *no additional data* input
- Available *free of charge* to all Texas districts
- *Creates a common data standard* that enables vendors to provide districts additional tools at a low cost

TSDS encompasses four key projects



- Opt-in, voluntary SIS
- TEA is considering multiple options on the model for offering state-sponsored SIS
- TSDS will integrate with other SIS's – no requirement or mandate to switch



- Powers student, campus, district data dashboards
- System supported by the state but the data only available to educators
- Will become conduit to submit PEIMS data
- Loading of non-PEIMS data is strictly optional and at the districts' discretion

EDUCATION AGENCY Excellence Indicator System District Performance				
	Hispanic	White	Native American	Asian
	84%	98%	57%	94%
	81%	96%	80%	90%
	78%	95%	67%	94%
	71%	91%	70%	95%
	73%	94%	57%	88%
	66%	90%	60%	92%

PEIMS

- XML data standard will make it easier to submit and certify data
- Realign statewide data collection standards and protocol for districts



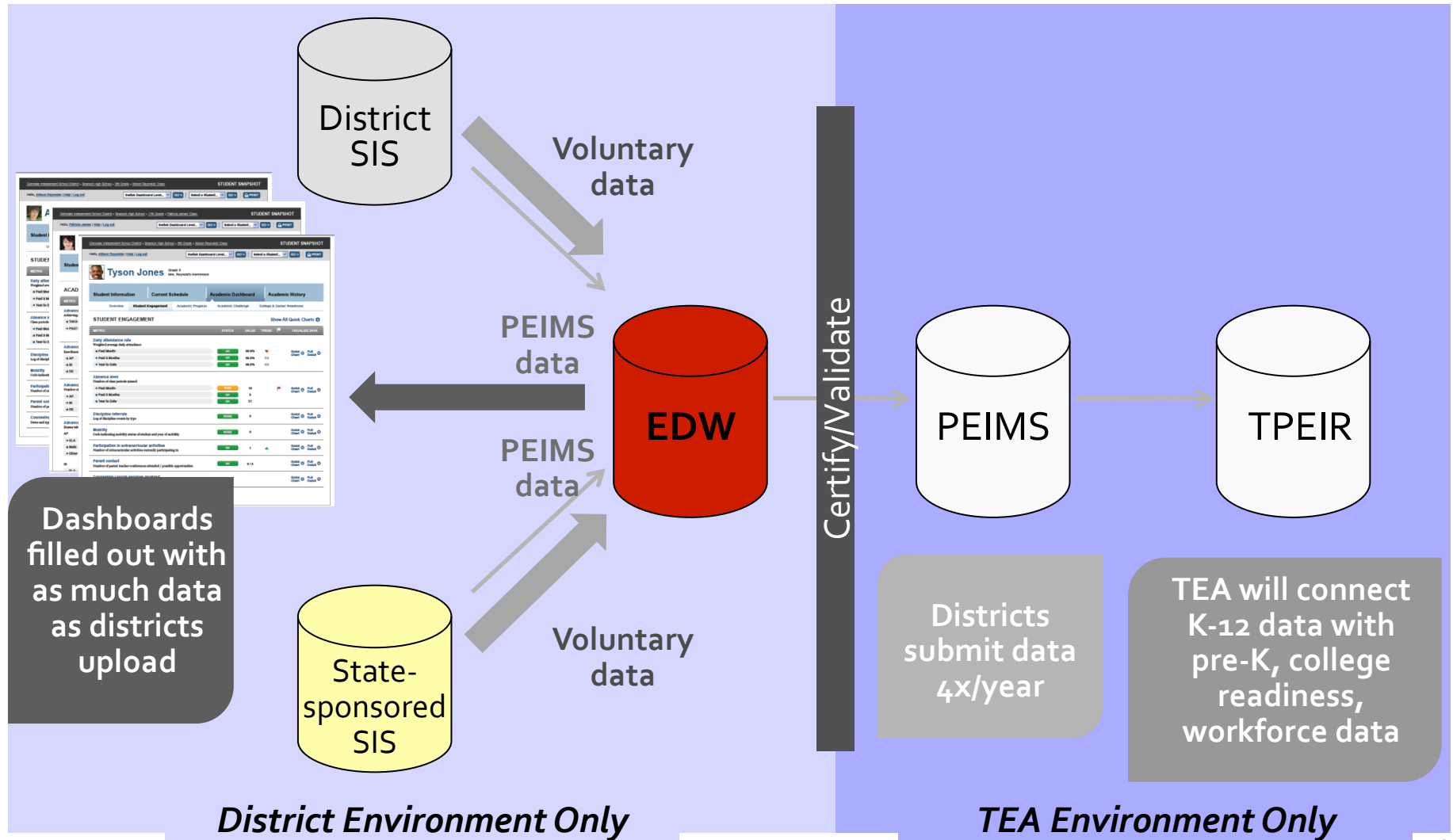
- Expanded to link pre-K, college readiness, and workforce data
- Load college readiness test score collections (SAT, ACT, AP Test data)

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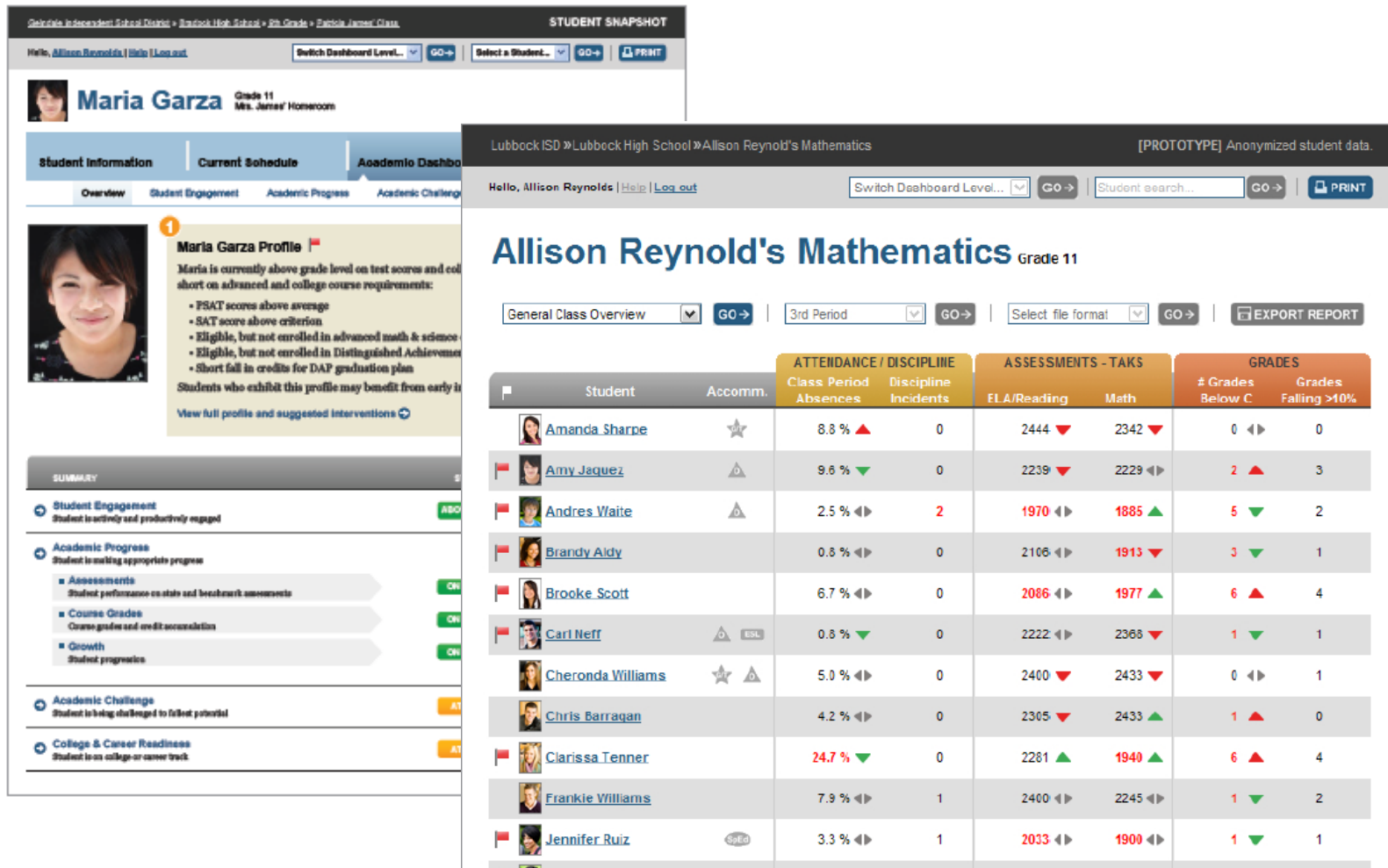


EDW and TSDS Dashboards

Future state: Migrate to one near real-time data source for most reporting purposes



Future state: Timely, actionable student and classroom dashboards for educators



Dashboards are Grounded in Best Practices and Vetted by Educators

Nationwide Best Practices Audit



Academic Research

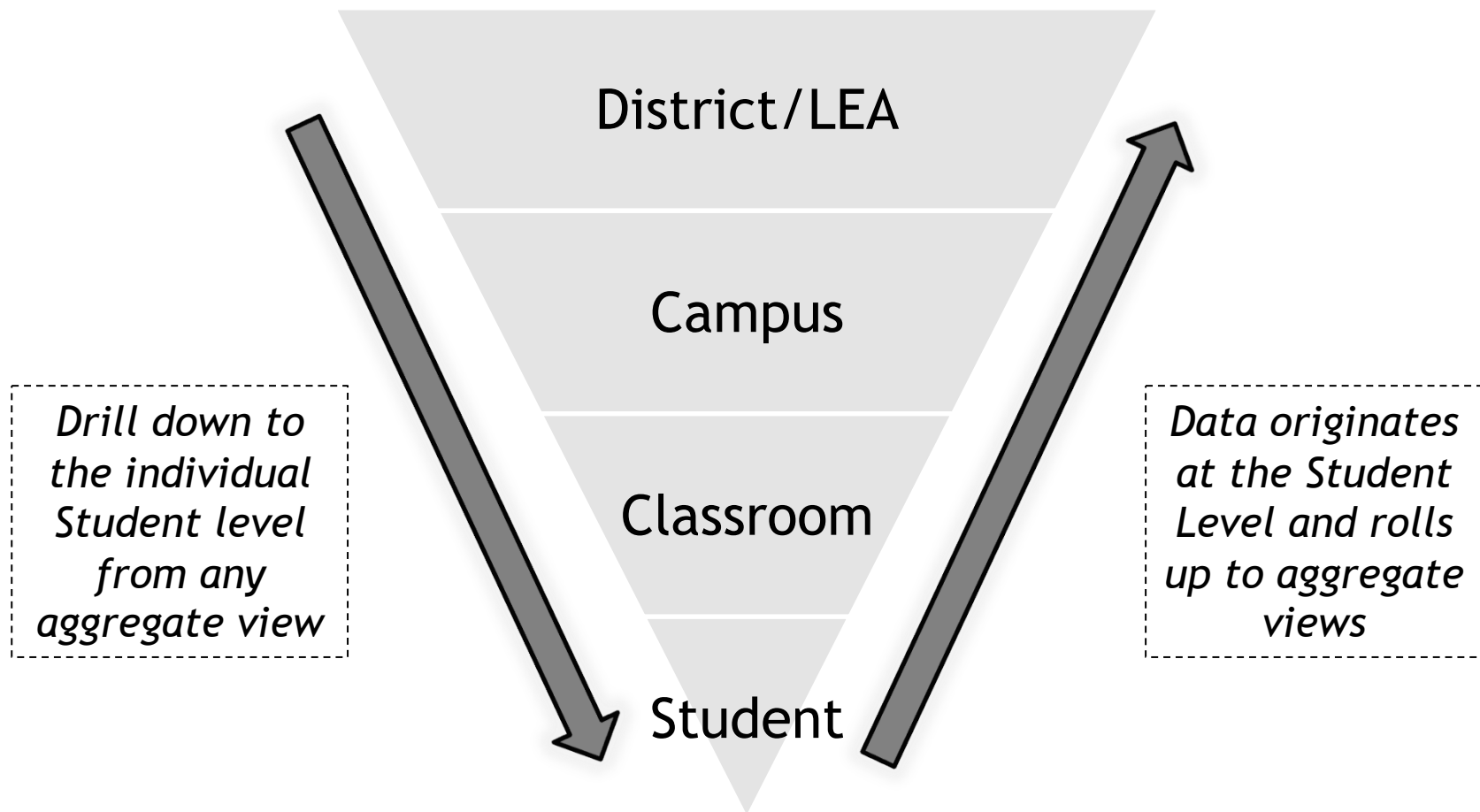


Focus Groups with 2,600 Educators



- Initial dashboards based on national education research and review of best practices across the country
- Received and incorporated feedback on dashboard from 2,600 educators in Texas
- Enhancements to dashboards based on stakeholder feedback

Dashboards Consist of Four Levels Driven by Individual Student Data



Dashboards are Intuitive and Comprehensive for Educators

View incoming class at a glance, and see an overview of students' historical performance and attendance, as well as any special accommodations required


















Recognize patterns and easily pinpoint areas for further action with visual indicators such as flags, status bars and icons

Lubbock ISD • Lubbock High School • Allison Reynold's Mathematics [PROTOTYPE] Anonymized student data

Hello, Allison Reynolds | Help | Log out | Switch Dashboard Level... | GO → | Student search... | GO → | PRINT

Allison Reynold's Mathematics Grade 11

General Class Overview | GO → | 3rd Period | GO → | Select file format | GO → | EXPORT REPORT

Student	Accomm.	ATTENDANCE / DISCIPLINE		ASSESSMENT 5 - TAKS		GRADES	
		Class Period Absences	Discipline Incidents	ELA/Reading	Math	# Grades Below C	Grades Failing >10%
 Amelia Sharpe	★	8.8 % ▲	0	2444 ▼	2342 ▼	0 ◀▶	0
 Amy Jacques	▲	9.8 % ▼	0	2238 ▼	2229 ◀▶	2 ▲	3
 Andrea Waite	▲	2.5 % ◀▶	2	1970 ◀▶	1885 ▲	5 ▼	2
 Brandy Aldy		0.8 % ◀▶	0	2108 ◀▶	1913 ▼	3 ▼	1
 Brooke Scott		6.7 % ◀▶	0	2086 ◀▶	1977 ▲	6 ▲	4
 Carl Neff	▲	0.8 % ▼	0	2222 ◀▶	2388 ▼	1 ▼	1
 Cheronda Williams	★	5.0 % ◀▶	0	2400 ▼	2433 ▼	0 ◀▶	1
 Chris Barragan		4.2 % ◀▶	0	2305 ▼	2433 ▲	1 ▲	0
 Clayssa Tenner		24.7 % ▼	0	2281 ▲	1940 ▲	6 ▲	4
 Frankie Williams		7.9 % ◀▶	1	2400 ◀▶	2245 ◀▶	1 ▼	2
 Jennifer Ruiz	▲	3.3 % ◀▶	1	2033 ◀▶	1900 ◀▶	1 ▼	1
 Johnathon Delarosa	▲	13.0 % ◀▶	0	2163 ▼	2002 ◀▶	7 ▲	2
 Jose Witherspoon		17.6 % ▼	0	2333 ▼	2145 ▲	4 ▲	3
 Juan Retiff		8.4 % ◀▶	0	2099 ▼	2072 ▲	2 ▲	1
 Julio Olivares		11.7 % ▲	0	2138 ◀▶	2261 ▲	2 ▼	1
 Justin Whiting	▲	2.5 % ◀▶	0	2401 ▼	2229 ▼	2 ▲	1
 Kesia Horn	★	14.2 % ▲	1	2238 ▼	2319 ▼	1 ▼	2

“Click-thru” on a student to get detailed information regarding assessments, performance, attendance and discipline, as well as contact, mobility, and other relevant data

Dashboard data will include the most recent source data, enabling decisions to be made on current data instead of outdated accountability information.

Feedback from pilot districts has been positive



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



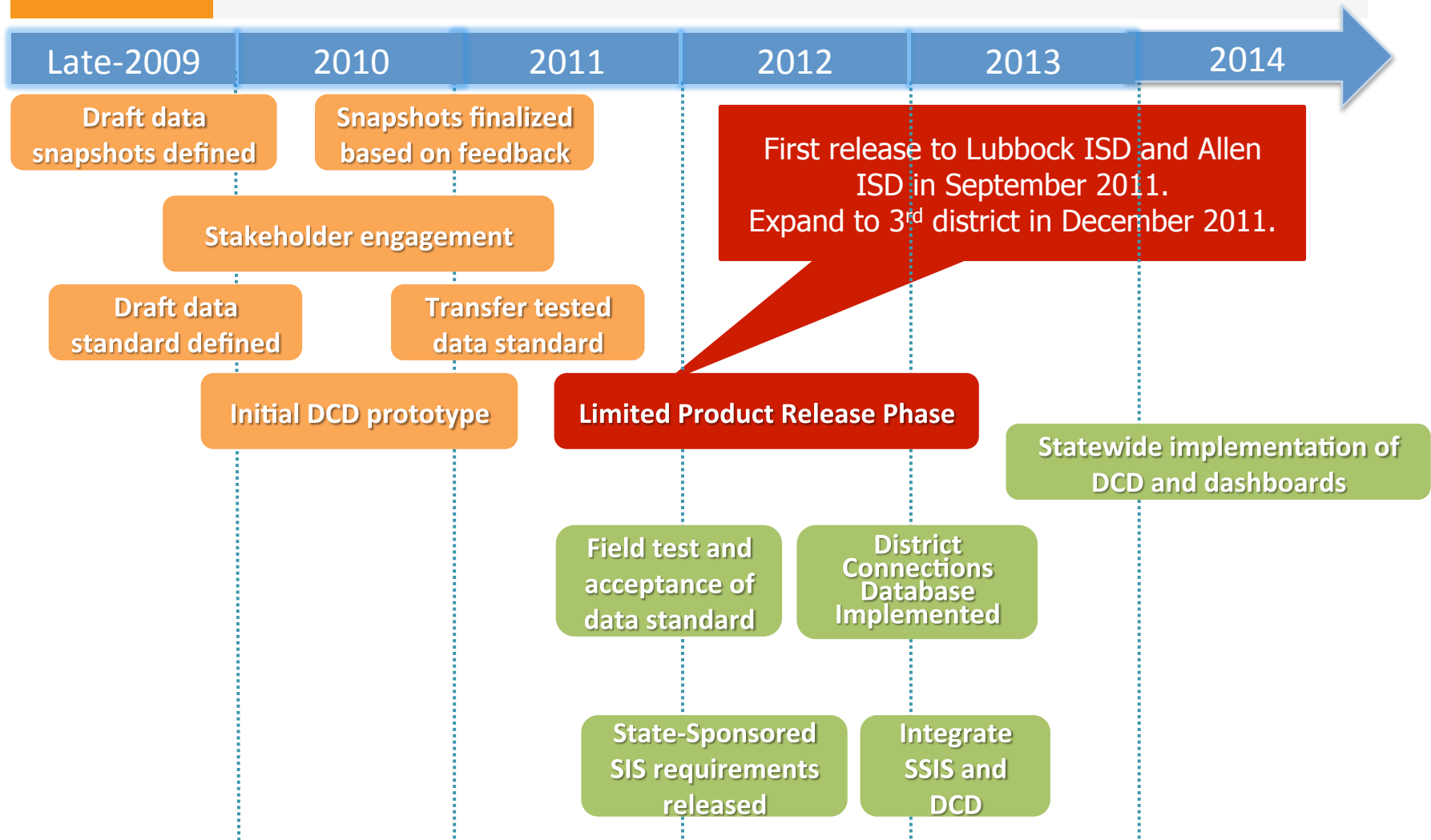
“I do LOVE that now I can access info about absences, credits, college readiness, etc. at the same time!”



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

100% of Lubbock ISD training participants said they are likely or very likely to recommend the TSDS tools to their colleagues

Statewide implementation beginning for 2013 - 2014 academic year



Texas Student Data System



Dashboard Demonstration

Dashboards will include specific administrator tools



Bradock High School

Principal Reports
Campus Information
Master Schedule
Academic Dashboard
Strategic Plan

Overview
Incoming Classes
Freshmen Watchlist
Freshmen Success
Accountability Snapshot
Credit Recovery
College Enrollment Pipeline
Teacher/Classroom Detail
Performance of TAKS Failers

OVERVIEW

REPORTS	STATUS ⁰
➔ Incoming Classes Composition of incoming classes	1,573 Total Students
➔ Freshmen Watchlist Academic and attendance warnings for first-time freshmen	27 Students on Freshmen Watchlist
➔ Freshmen Success Attendance and core academic performance of first-time 9 th graders	73 Students on Watchlist
➔ Accountability Snapshot Accountability view based on prior year student performance	Accountability Rating: Acceptable
➔ Credit Recovery Report Students who are either 1-2 credits off pace to graduation or on pace but with core course failures	121 Students on Credit Recovery List
➔ College Enrollment Pipeline College enrollment pipeline among 12th grade students	21% of 12 th Graders College Ready
➔ Teacher/Classroom Detail Student characteristics and student performance by teacher	17% of teachers had students with 1+ year growth
➔ Performance of TAKS Failers Performance of students who have previously failed TAKS tests	67% of prior failers passed TAKS

Incoming Class Profile



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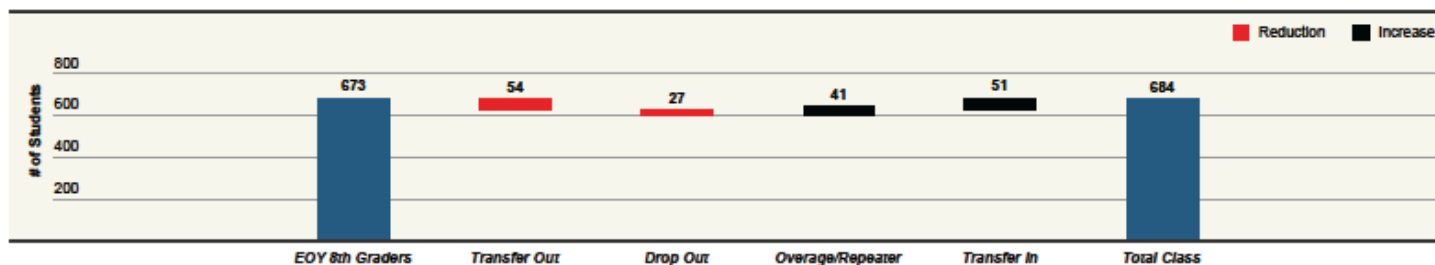
Teacher/Classroom Detail

Performance of TAKS Failers

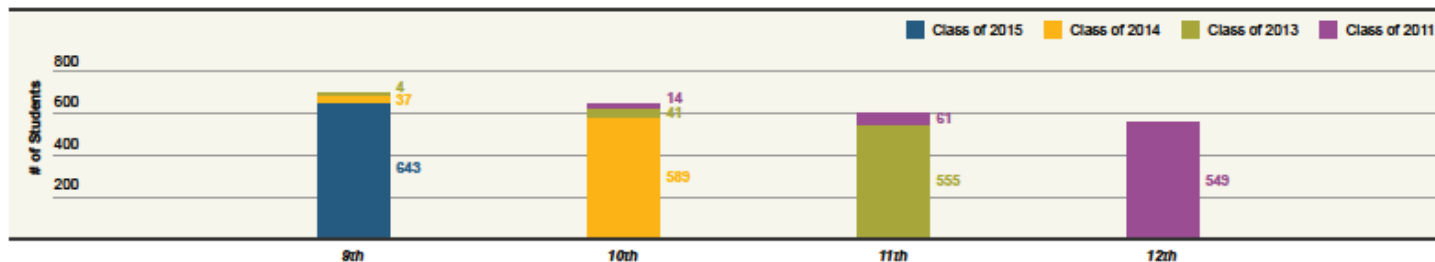
INCOMING CLASSES

Fall 2010 - Total 9th Grade Students

Customize Report: 9th Grade



Fall 2010 - Grade-Level Distribution by Cohort



Teacher/Classroom Detail



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Performance of TAKS Failers

TEACHER/CLASSROOM DETAIL

Classroom Characteristics By Teacher

Customize Report:

Grade 9

Select Department

Select Subject

TEACHER	TEACHING IN-FIELD	% OF STUDENTS:						
		ATTENDANCE <95%	2+ DISCIPLINE INCIDENTS	ON-TRACK TO GRAD	PASSING/COMMENDED - TAKS			
					ELA	MATH	SCIENCE	SOCIAL STUDIES
Teacher #1	Yes	0%	0%	100%	78%	74%	82%	73%
Teacher #2	Yes	6%	2%	82%	84%	86%	89%	58%
Teacher #3	Yes	24%	45%	71%	72%	81%	78%	52%
Teacher #4	No	19%	61%	60%	92%	96%	95%	59%
Teacher #5	No	6%	7%	91%	88%	84%	90%	72%
Teacher #6	Yes	2%	2%	92%	71%	78%	76%	73%
Teacher #7	Yes	0%	5%	90%	78%	77%	80%	71%
Teacher #8	No	22%	27%	60%	94%	91%	93%	56%

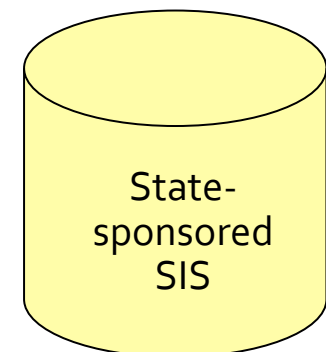
Texas Student Data System



State-Sponsored Student Information System

SSIS Goals

- Decrease SIS costs for LEAs
- Provide enhanced features and richer data for reporting
- Streamline with Software as a Service (SaaS) - 24/7 availability accessible from anywhere
- Support PEIMS data standards and submissions
- Provide “near” real-time data for LEAs



Benefits of SaaS

- No need to purchase infrastructure software
- No expenditures on hardware
- Reduced need to purchase third party tools, modules and applications
- No software or hardware replacement needed in ongoing years
- Reduced spending on IT operations
- Reduced support costs
- No application and infrastructure re-implementation costs in years 3 to 5

SSIS Contracts

- Two SSIS vendors
- SSIS contracts are umbrella agreements that allow the LEA to purchase without the need for an RFP or RFO
- Each LEA will have a separate contract with the vendor
- Contract Management teams will oversee the Service Level Agreements to include:
 - SSIS availability
 - Performance
 - Business continuity
- Not-to-exceed pricing allows LEA to negotiate with vendor

SSIS Vendor: Skyward, Inc.

- Wisconsin-based provider of administrative software solutions for K-12 schools since 1980
- Provides software for more than 1,400 LEAs of all sizes around the globe
- Ten (10) regional offices across the country, including Dallas and Austin
- Serves 177 LEAs in Texas with almost 900,000 students

SSIS Vendor: TCC

- San Antonio-based provider of administrative software solutions for K-12 schools since 1970
- Provides student management software to 767 LEAs of all sizes in Texas
- Delivers service via nineteen (19) regional Education Service Centers (ESCs) in Texas
- Serves over 900,000 students

Your Decision to Participate in the SSIS

- How will the SSIS lower costs for our district?
- Will the SSIS offer additional features we want?
- What other applications will we need?
- Will we be able to drop any applications we use now?
- What kind of support will our staff need to provide?
- Will we be able to reduce hours spent on SIS and reporting-related functions?

Use TCO to Understand True Costs

- **Direct costs –**

- Tangible and understood: hardware, software, formal support

- **Indirect costs –**

- Ancillary applications or other technology to support main system
- Labor for local informal and supplementary support
- Power and space
- Can add 60% – 100% to cost

The SSIS TCO Workbook

“Understanding and consolidating direct and indirect costs tends to lead to lower overall spending.”

--Gartner

- Cost comparisons spread over 5 years
- Evaluates direct and indirect costs of a SIS solution
- Permits you to add/remove costs of ancillary products and support to fit scenario to your organization
- Compares “as is” situation with possible “to be” scenarios

What can you do next?

- Get your copy of the TCO Workbook/vendor agreements at:
<http://www.texasstudentdatasystem.org/ssis-advisory/>
- Fill out the survey at:
<http://www.surveymonkey.com/s/totalcostownership>
- Contact either the Skyward or the TCC Contract Management teams for help with the workbook by sending email to
TSDS_Admin@tea.state.tx.us.
- Contact TEA's TSDS Change Manager with any general questions about the Texas Student Data System.
David.Butler@tea.state.tx.us.

Texas Student Data System



Questions

Texas Student Data System



Additional Detail

Support Included

■ Access to SSIS Vendor's Support

- Phone support
 - Staffed phone support from 7am to 6pm M-F (excluding Holidays)
 - 800 number for critical incidents outside of business hours with on-call staff
- Web portal support 24x7 with escalation of critical incidents
- LEAs entitled to multiple contacts based on enrollment

■ Support Levels

- Level 1 support provided by either LEA and/or ESC
- Level 2/3 support provided by SSIS software vendor

Levels of Support

