MiMTSS Technical Assistance Center

MiMTSS Data System Orientation

Anna Harms

September 28, 2022

MICHIGAN Department of Education

mimtsstac.org

Acknowledgments

The MiMTSS Data System is supported through a collaboration between:

- Michigan Department of Education
  - MiMTSS Technical Assistance Center
- MAISA Michigan Collaboration Hub (MiCH)
  - Ottawa Area ISD
  - Michigan DataHub

MiMTSS Technical Assistance Center

Group Expectations - Virtual

Be Responsible

- Return from breaks on time
- Active Participation
  - Use participant features of raise hand, thumbs up, etc.
  - Type short answer or questions in chat box
  - Respond to poll questions, if provided

Be Respectful

- Limit use of chat box to essential communication
- Please refrain from email and internet browsing
- Place your phone and other devices on mute and out-of-sight

Training Effectiveness

- At the end of the session, you will be asked to provide feedback on today's training
- Results will be used to make improvements to professional learning and for reporting to TA Center stakeholders
- One of the feedback questions you will see is related to promoting and positively portraying diversity among educators and learners (e.g., focus on asset-based language, positive representation of multiple identities)

Purpose

The MiMTSS Data System is a free-access web-based data system designed for LEAs, ISDs and MDE to gather and analyze data that are critical for the continuous improvement of MTSS in Michigan. When teams use data to drive decisions about MTSS, it is more likely that MTSS will be implemented and sustained to support each and every learner.

Intended Outcomes

- Understand the data available in the MiMTSS Data System
- Preview available reports and dashboards available in MiMTSS Data System
- Consider who from your organization might want or need access to the MiMTSS Data System
- Learn how the MiMTSS Data System relates to other systems

Agenda

1.0 Data about the MiMTSS Data System

2.0 Personnel, User Roles, and Permissions

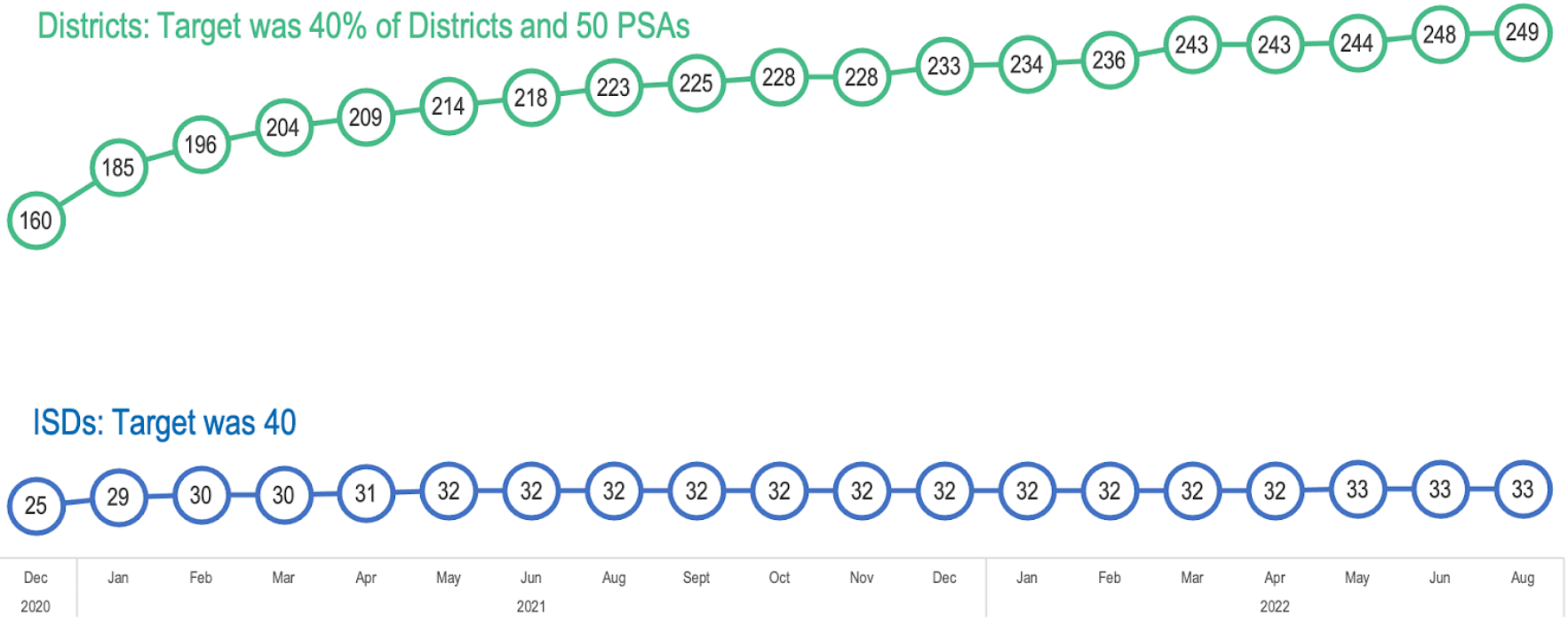
3.0 Data Entry, Dashboards, Reports

5.0 Resources to Support Signing Up, Ongoing Learning, and System Improvements

Data…about the Data System

Signed Use Agreements Over Time

249 Districts (39%), 40 Public School Academies (14%) and 33 ISDs (59%) have signed the MiMTSS Data System use agreement to leverage this free-access tool to support data-drive decision-making related to MTSS.



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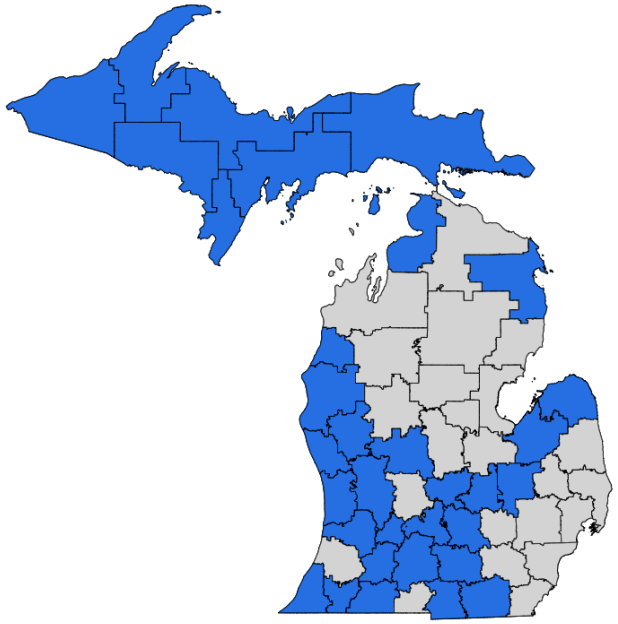
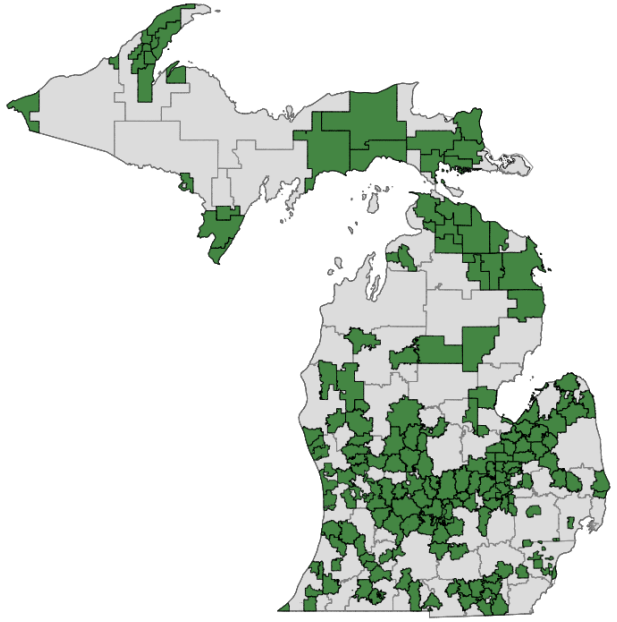
ISDs and Districts with Signed Use Agreements



- 33 ISDs have a signed use agreement
- Goal is 35 by June 2023



- 212 districts and 40 public school academies (39%) have a signed use agreement
- Goal is 45% of districts by June 2023

As of 9/9/22

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We can do better!

- Increase awareness so more districts and ISDs can leverage this free tool
- Improve understanding of how to use the system so districts and ISDs with signed use agreement will use it more often and consistently

Login Rates

Less than 20% of schools had at least one user login to the MiMTSS Data System each month. Districts had higher login rates than schools, and ISDs had the highest login rates.

2021-2022

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
ISDs	19%	31%	41%	44%	41%	28%	47%	44%	41%	34%	39%	33%
Districts	6%	11%	24%	26%	23%	19%	26%	31%	19%	23%	26%	23%
Schools	1%	3%	9%	17%	11%	9%	18%	16%	13%	8%	24%	13%

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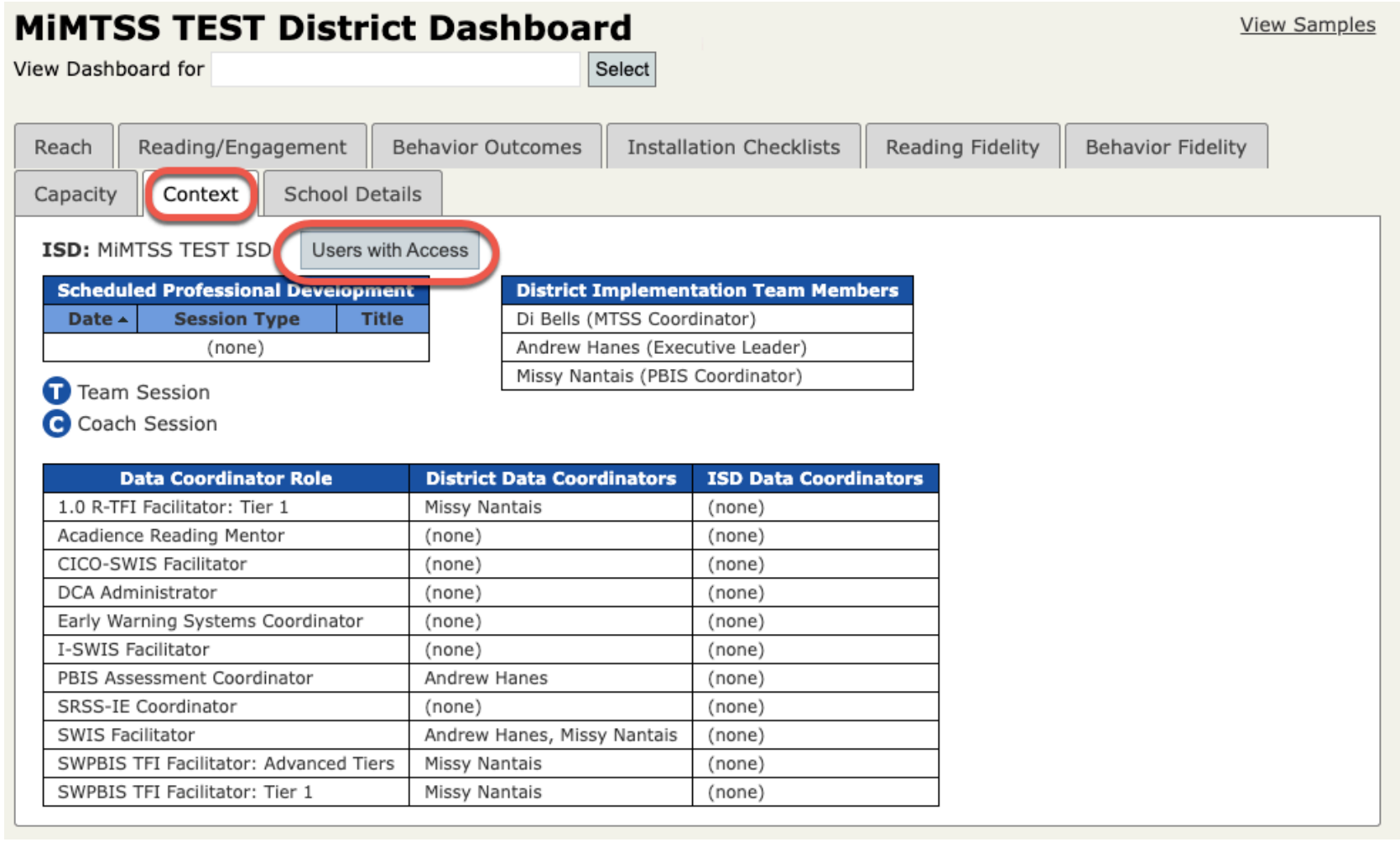
Top Five Actions Users Perform in the MiMTSS Data System

1. Manage user access for their organization (and sub-organizations)
2. Enter data
3. Use data on dashboards as part of continuous improvement
4. Use data from reports as part of continuous improvement
5. Pull data for communication

1.0 Manage user access for their organization

(and sub-organizations)

Manage User Access for an Organization



MiMTSS TEST District Dashboard

View Samples

View Dashboard for Select

Reach | Reading/Engagement | Behavior Outcomes | Installation Checklists | Reading Fidelity | Behavior Fidelity

Capacity | Context | School Details

ISD: MiMTSS TEST ISD Users with Access

Scheduled Professional Development		
Date ▲	Session Type	Title
(none)		

District Implementation Team Members
Di Bells (MTSS Coordinator)
Andrew Hanes (Executive Leader)
Missy Nantais (PBIS Coordinator)

T Team Session
C Coach Session

Data Coordinator Role	District Data Coordinators	ISD Data Coordinators
1.0 R-TFI Facilitator: Tier 1	Missy Nantais	(none)
Acadience Reading Mentor	(none)	(none)
CICO-SWIS Facilitator	(none)	(none)
DCA Administrator	(none)	(none)
Early Warning Systems Coordinator	(none)	(none)
I-SWIS Facilitator	(none)	(none)
PBIS Assessment Coordinator	Andrew Hanes	(none)
SRSS-IE Coordinator	(none)	(none)
SWIS Facilitator	Andrew Hanes, Missy Nantais	(none)
SWPBIS TFI Facilitator: Advanced Tiers	Missy Nantais	(none)
SWPBIS TFI Facilitator: Tier 1	Missy Nantais	(none)

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Data Entry and Viewing Permissions by User Role

User Role	School-Level Data	District-Level Data	ISD-Level Data	State-Level Data
School User	Single School	n/a	n/a	n/a
District User (+ Local Admin)	All schools within district*	yes	n/a	n/a
ISD User (+ Local Admin)	All schools within districts*	All districts within ISD*	yes	n/a
State User (+ System Admin)	All schools within districts*	All districts within Michigan*	All ISDs within Michigan*	yes

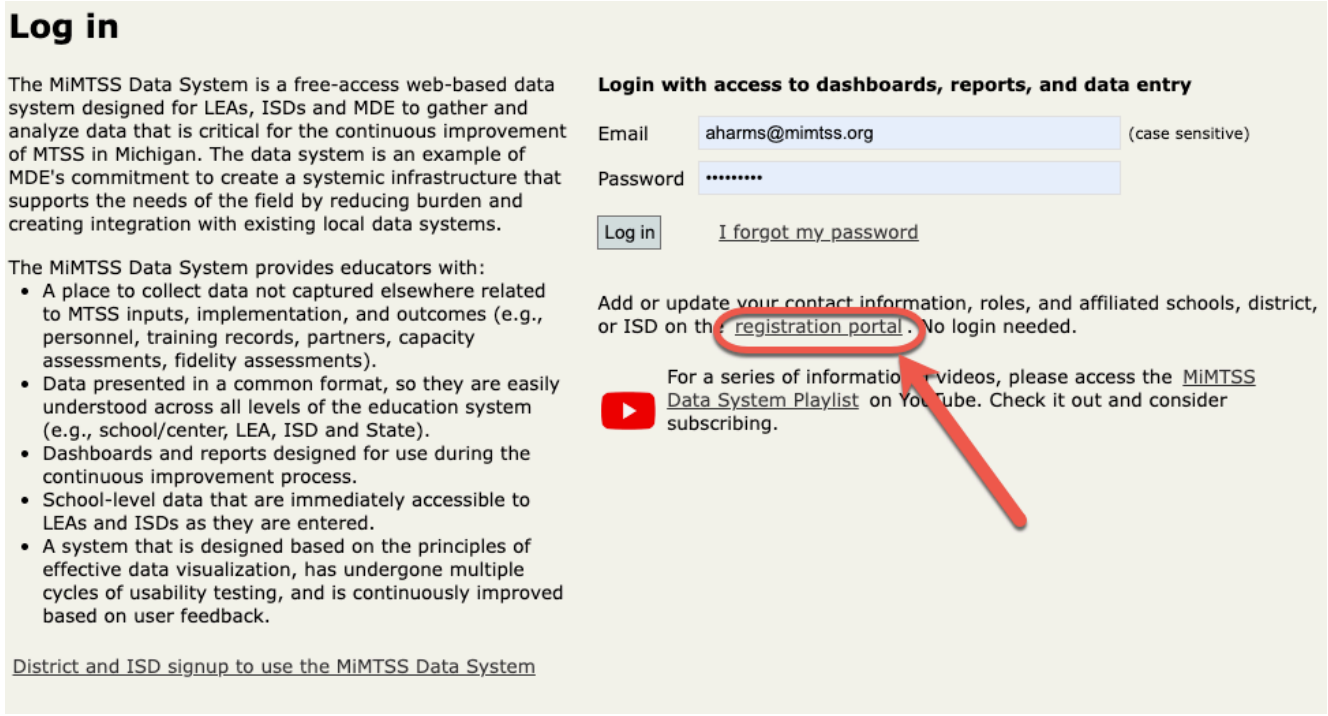
*Users can access data from within their organization and those below/within as long as there is a signed use agreement on file.

Local System Administrators

- Who: 1-2 people per organization (school, district, ISD)
- What: Can access personnel records for individuals within their organization to:
  - Add new users
  - Remove user roles
  - Assign users to specific schools or districts

Self Management

- District and ISD Local Admins do not need to manage all professional roles and contact information for individuals across their organization
- Use the registration portal to update name, email, professional roles, address, phone number, affiliated facilities
- Individuals cannot grant themselves access to the data system



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Activity 1.1 Practice with Roles

- If you can login
  - Review the list of people who have access to your organization's data
  - Update your own information
  - Add login access for a new user or remove login access for an existing user (local admin only)
  - Change affiliated facilities for a user (local admin only)
- If you do not yet have login access
  - Manage your own information (name, email, roles, affiliated facilities) through the registration portal
  - Consider who from your organization might have access and who would have the local admin roles

2.0 Enter data

Types of Data that can be entered

Schools

- Installation Checklists
- Reading Tiered Fidelity Inventory
- Interconnected Systems Framework Implementation Inventory
- Early Warning Indicators*
- Acadience Reading K-6*
- Discipline Referrals*
- School Climate Survey*
- Data Coordinators Assigned to the School*
- SWPBIS Tiered Fidelity Inventory (added nightly through an API with PBISApps)

Districts

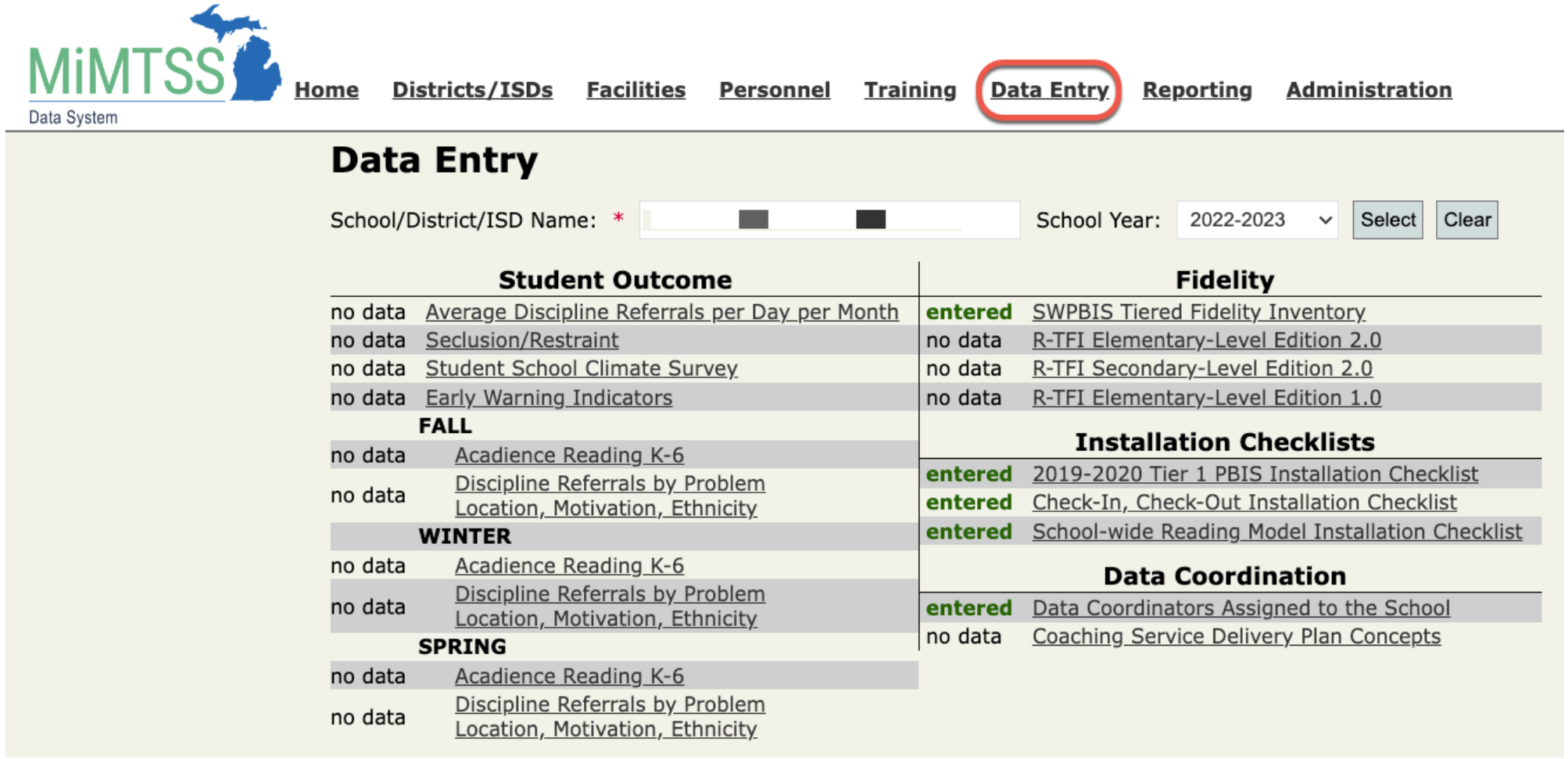
- Installation Checklists
- District Capacity Assessment

ISDs

- Installation Checklists
- Regional Capacity Assessment

* Only aggregate student data are entered. No individually identifiable student data are housed in the MiMTSS Data System.

School Data Entry Screen



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Student Data

Acadience Reading K-6

Acadience Reading K-6

School [redacted]
School Year **2022-2023**
Test Period **Fall**

#AB: Number At or Above Benchmark **#BB:** Number Below Benchmark **#WB:** Number Well Below Benchmark

Grade	Composite	FSF	PSF	NWF-CLS	NWF-WWR	ORF Words Correct	ORF Accuracy	ORF Retell	Maze
K	#AB: #BB: #WB:	#AB: #BB: #WB:							
1	#AB: #BB: #WB:		#AB: #BB: #WB:	#AB: #BB: #WB:	#AB: #BB: #WB:				
2	#AB: #BB: #WB:			#AB: #BB: #WB:	#AB: #BB: #WB:	#AB: #BB: #WB:	#AB: #BB: #WB:	#AB: #BB: #WB:	

Save Cancel

Discipline Referrals

New Disciplinary Referral Detail

Top 3 Problem Behaviors
First
Second
Third

Top 3 Locations of Problem Behavior
First
Second
Third

Top 3 Motivating Factors for Problem Behavior
First
Second
Third

Race/Ethnicity	Number of Students Enrolled	Number of Students with 1+ Major Discipline Referral
American Indian/Alaskan Native		0
Asian		0
Black/African American		0
Hispanic/Latino		0
Native Hawaiian/Other Pacific Islander		0
White		0
Unknown/Unlisted		0
Multi-Racial		0

Save Cancel

Fidelity (and Capacity) Data Entry

New R-TFI Elementary-Level Edition 2.0

Date Completed * 09/23/2022

The R-TFI pre-administration tasks were completed with fidelity (scheduling, members invited, materials prepared, roles defined)

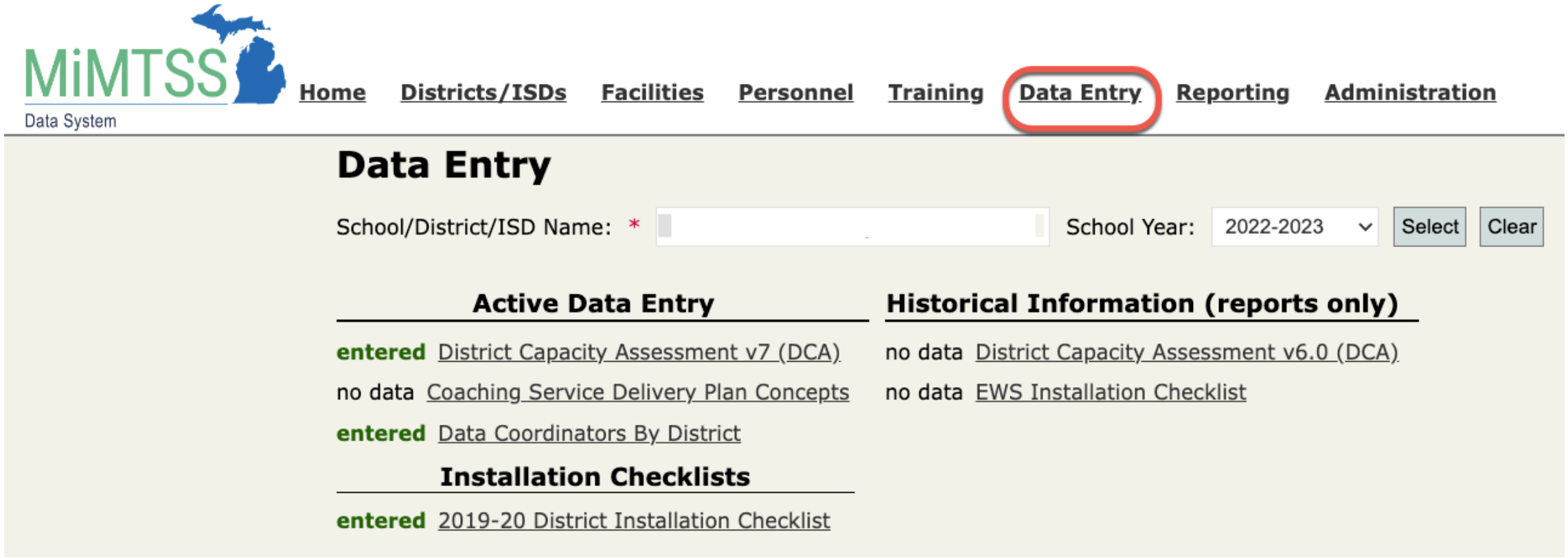
Enter the name of the person who facilitated this administration of the R-TFI

Enter the names of participating team members

Tier 1

1.1	A School Leadership Team supports the implementation of the Tier 1 reading components of an MTSS framework.	2	1	0	
1.2	The school has access to system-level coaching.	2	1	0	
1.3	The school has an Implementation Plan for the reading components of an MTSS framework.	2	1	0	
1.4	The school has a comprehensive Tier 1 reading assessment system and personnel to support the system.	2	1	0	
1.5	The School Leadership Team uses data to monitor the effectiveness of the Tier 1 reading components of an MTSS framework.	2	1	0	
1.6	The School Leadership Team uses a process for data-based decision-making.	2	1	0	
1.7	The School Leadership Team has a documented process for communicating with individuals and other teaming structures.	2	1	0	
1.8	The school provides a status report on student reading performance to stakeholders.	2	1	0	
1.9	Teachers provide daily instruction in the foundational word-reading skills to address the needs of all learners.	2	1	0	
1.10	Teachers provide daily instruction in comprehension processes across subjects to address the needs of all learners.	2	1	0	

District Data Entry Screen



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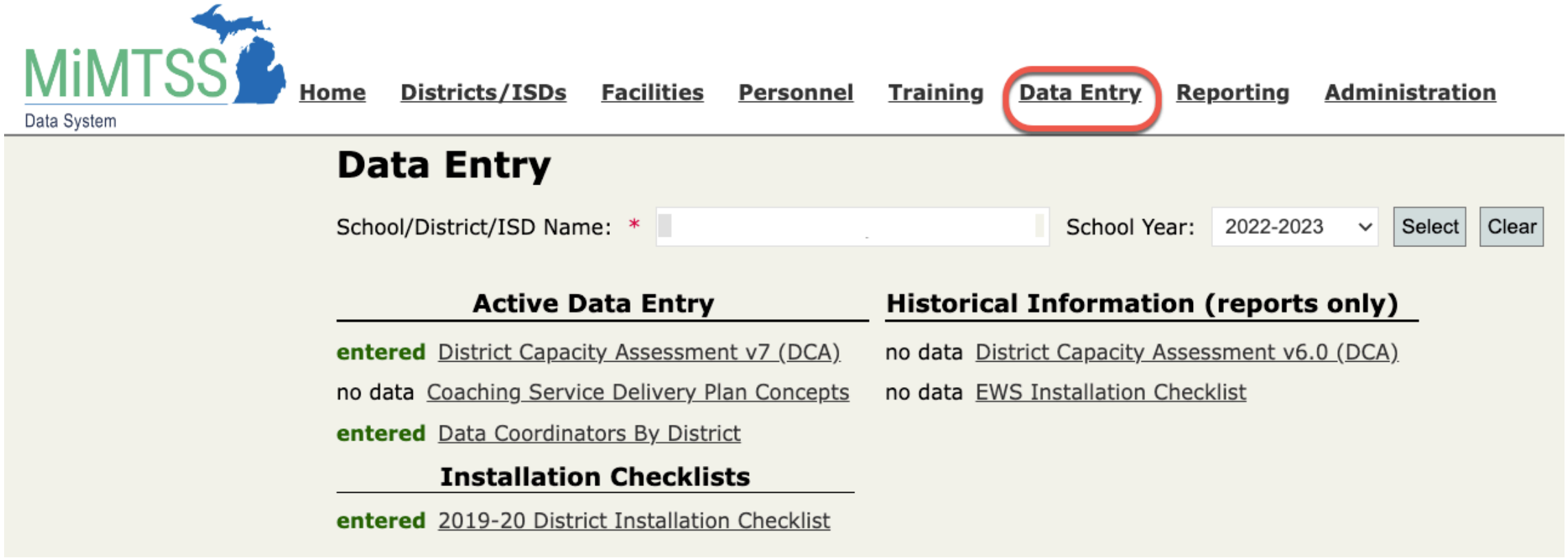
ISD Data Entry



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Data Housed in the MiMTSS Data System

- Capacity Assessments
  - District Capacity Assessment, Regional Capacity Assessment, Installation Checklists
- Fidelity Assessments
  - SWPBIS Tiered Fidelity Inventory, Reading Tiered Fidelity Inventory, Installation Checklists
- Student Assessments
  - Aggregate: discipline referrals, early warning indicators, Acadience Reading K-6, 7-9, School Climate Survey
- Other
  - Personnel; Training Events, Participants, Evaluations; School/District/ISD facilities

Activity 2.1 Menti

Rank your familiarity with the assessments that are available for entry and reporting in the MiMTSS Data System.

3.0 Use Data on Dashboards as Part of Continuous Improvement

Transforming Data

Brent Dykes (https://www.effectivedatastorytelling.com/post/a-deeper-dive-into-lego-bricks-and-data-stories), modified from Andreas von der Heydt, modified from Brandon Rossen and Karyn Lurie

Dashboards

School

- Context
- Reading Outcomes
- Reading Skills
- Engagement Outcomes
- Early Warning Indicators
- Behavior Outcomes
- Installation Checklists
- **Reading Fidelity**
- Behavior Fidelity

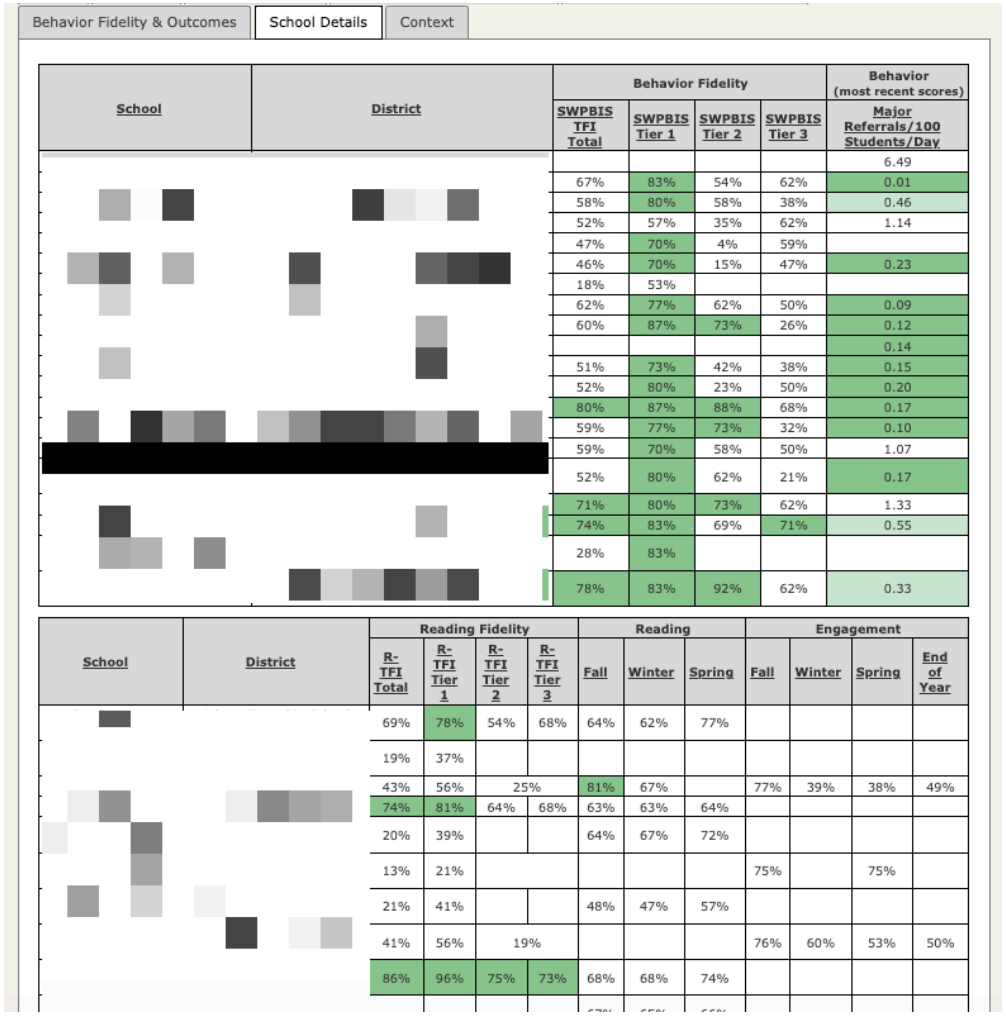
District

- Reach
- Reading/Engagement
- Behavior Outcomes
- Installation Checklists
- **Reading Fidelity**
- Behavior Fidelity
- Capacity
- Context
- **School Details**

ISD

- Reach
- Capacity
- District Capacity
- Reading Fidelity & Outcomes
- Reading Fidelity & Engagement
- Behavior Fidelity & Outcomes
- **School Details**
- Context

School Details (available to ISDs and Districts)



School	District	Behavior Fidelity				Behavior (most recent scores)
		SWPBIS TFI Total	SWPBIS Tier 1	SWPBIS Tier 2	SWPBIS Tier 3	Major Referrals/100 Students/Day
						6.49
		67%	83%	54%	62%	0.01
		58%	80%	58%	38%	0.46
		52%	57%	35%	62%	1.14
		47%	70%	4%	59%	
		46%	70%	15%	47%	0.23
		18%	53%			
		62%	77%	62%	50%	0.09
		60%	87%	73%	26%	0.12
						0.14
		51%	73%	42%	38%	0.15
		52%	80%	23%	50%	0.20
		80%	87%	88%	68%	0.17
		59%	77%	73%	32%	0.10
		59%	70%	58%	50%	1.07
		52%	80%	62%	21%	0.17
		71%	80%	73%	62%	1.33
		74%	83%	69%	71%	0.55
		28%	83%			
		78%	83%	92%	62%	0.33

School	District	Reading Fidelity				Reading			Engagement			
		R-TFI Total	R-TFI Tier 1	R-TFI Tier 2	R-TFI Tier 3	Fall	Winter	Spring	Fall	Winter	Spring	End of Year
		69%	78%	54%	68%	64%	62%	77%				
		19%	37%									
		43%	56%	25%		81%	67%		77%	39%	38%	49%
		74%	81%	64%	68%	63%	63%	64%				
		20%	39%			64%	67%	72%				
		13%	21%						75%		75%	
		21%	41%			48%	47%	57%				
		41%	56%	19%					76%	60%	53%	50%
		86%	96%	75%	73%	68%	68%	74%				

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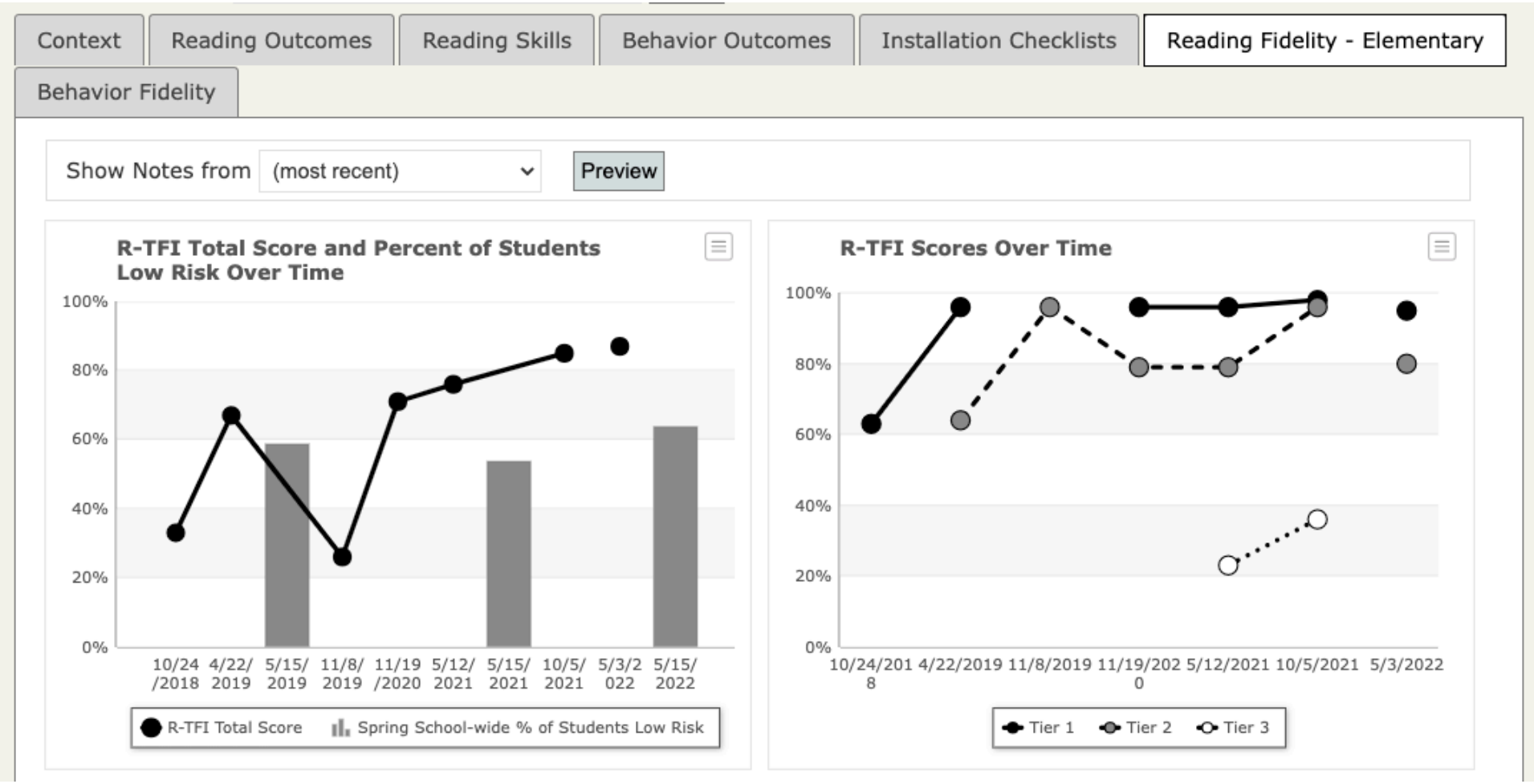
Reading Fidelity (School View)



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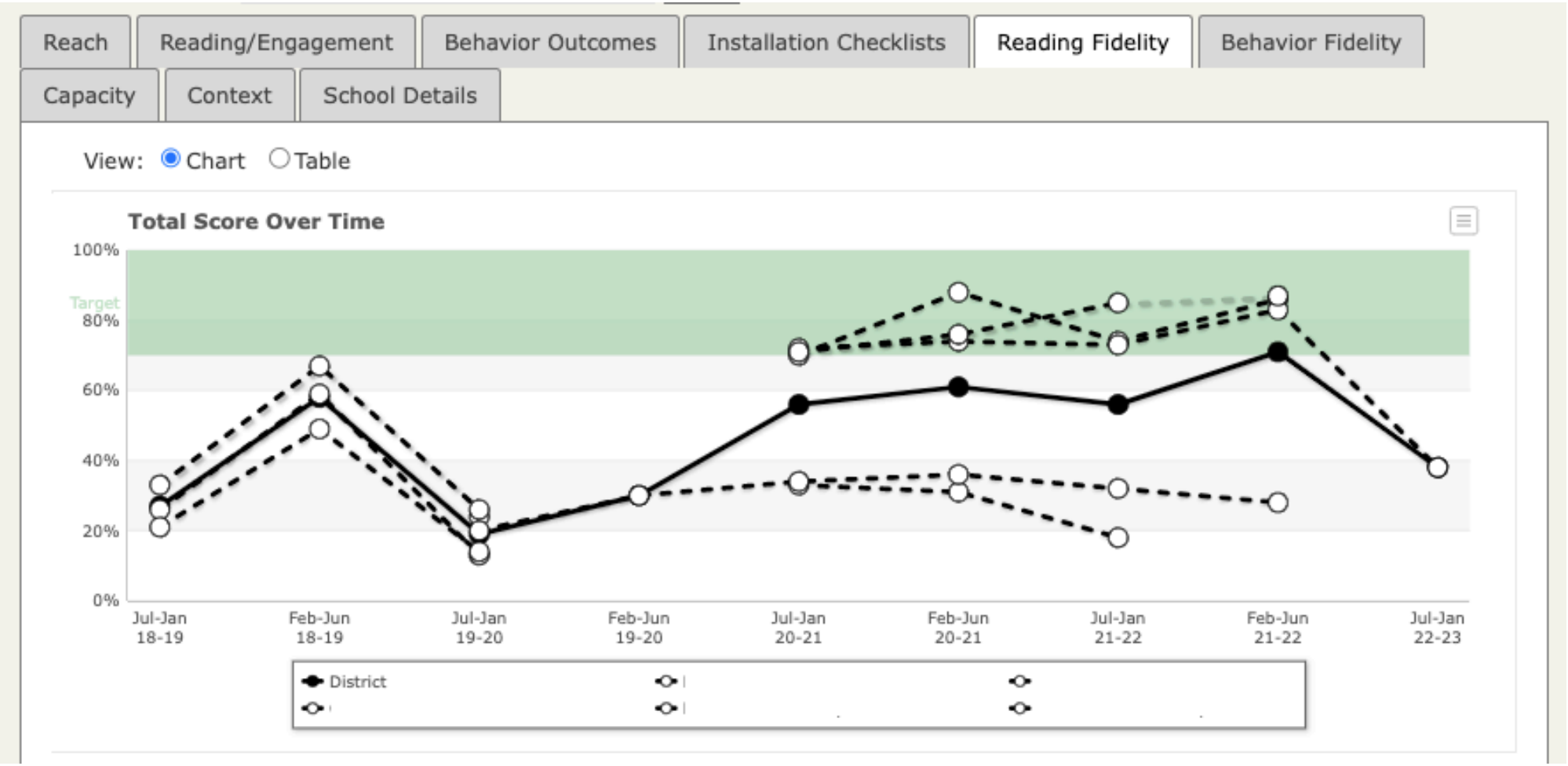
Reading Fidelity (District View)



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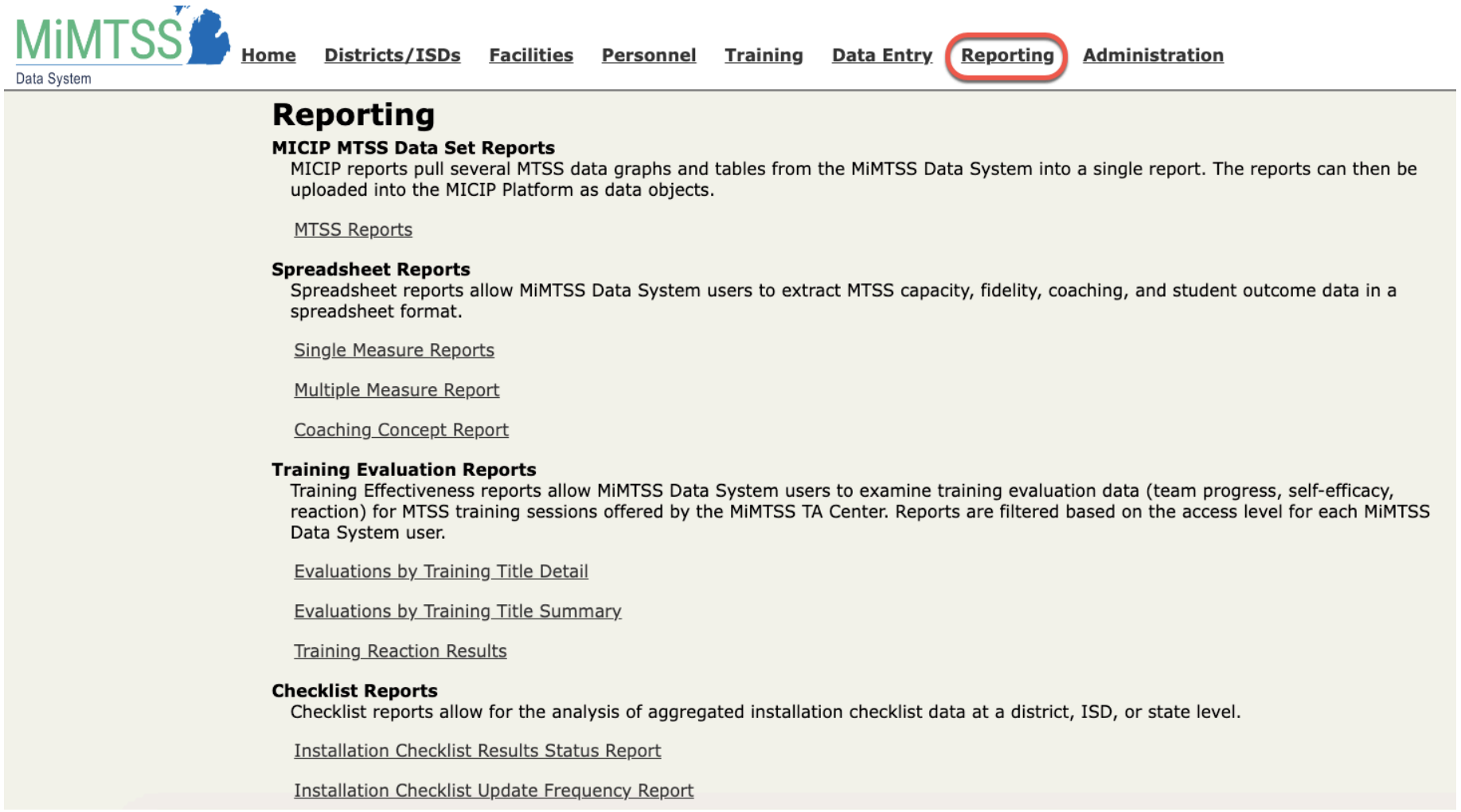
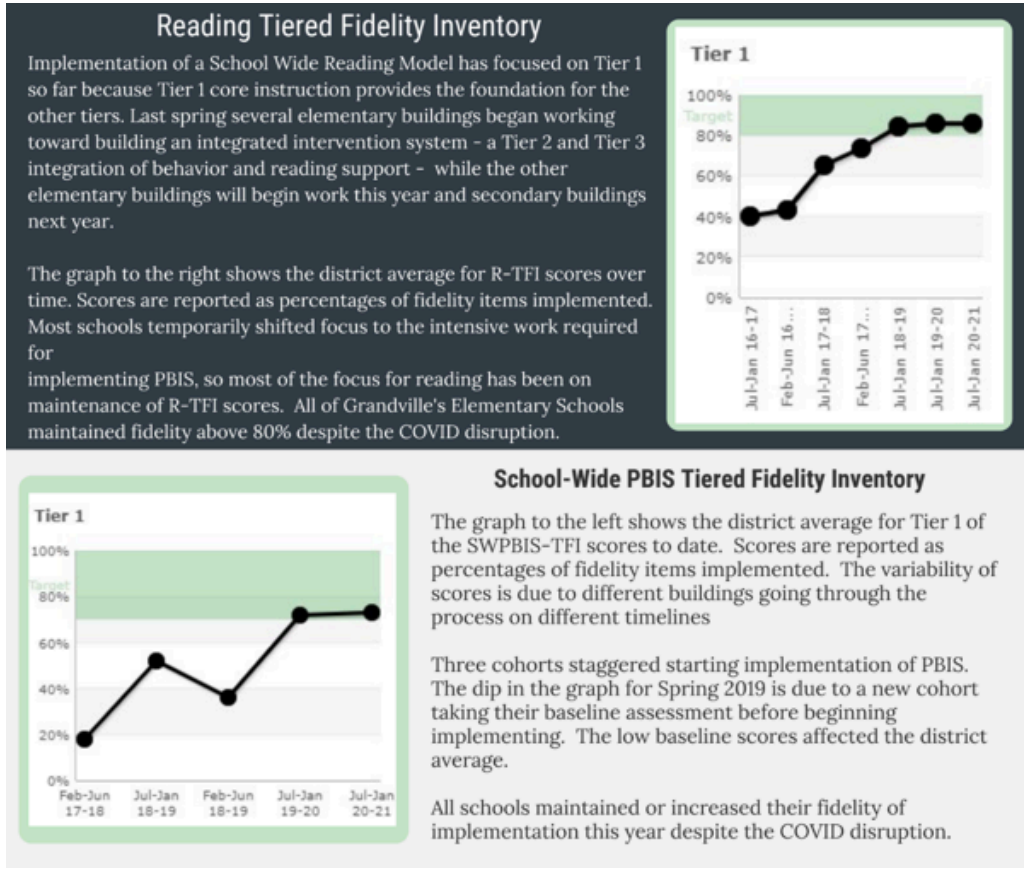
4.0 Use Data from Reports for Continuous Improvement

Additional Reports



5.0 Pull Data for Communication

Leverage Pre-Built Graphs for Communication



The MTSS Coordinator from Grandville Public Schools leverages graphs from the MiMTSS Data System to communicate MTSS progress with collaborators (teachers, administrators, teams, families, community).

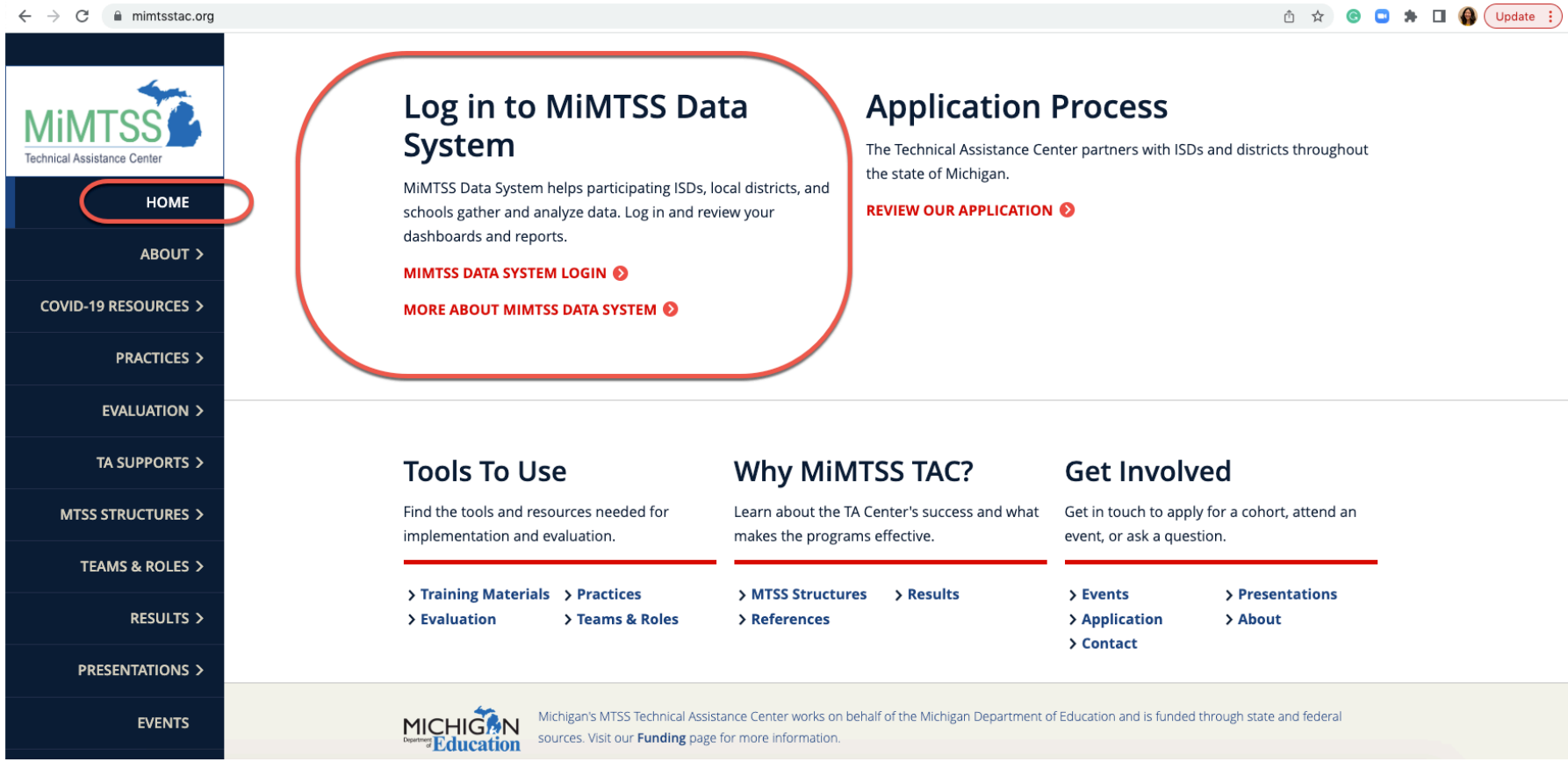
Grandville Public Schools MTSS Update November 2020

6.0 How to Get Started

Why the MTSS Data System

- Provide a tool to Michigan educators that allows for the reporting and visualization of data in usable formats to support continuous improvement planning for MTSS
- Provide a place to collect data not captured elsewhere related to MTSS inputs, implementation, and outcomes (e.g., personnel, training records, partners, capacity assessments, fidelity assessments)
- Support the Michigan Department of Education's commitment to create a systemic infrastructure that supports the needs of the field by reducing burden and creating integration with existing local systems

From the MiMTSS TA Center Homepage



[MiMTSS TA Center Website](https://mimtsstac.org) (https://mimtsstac.org)

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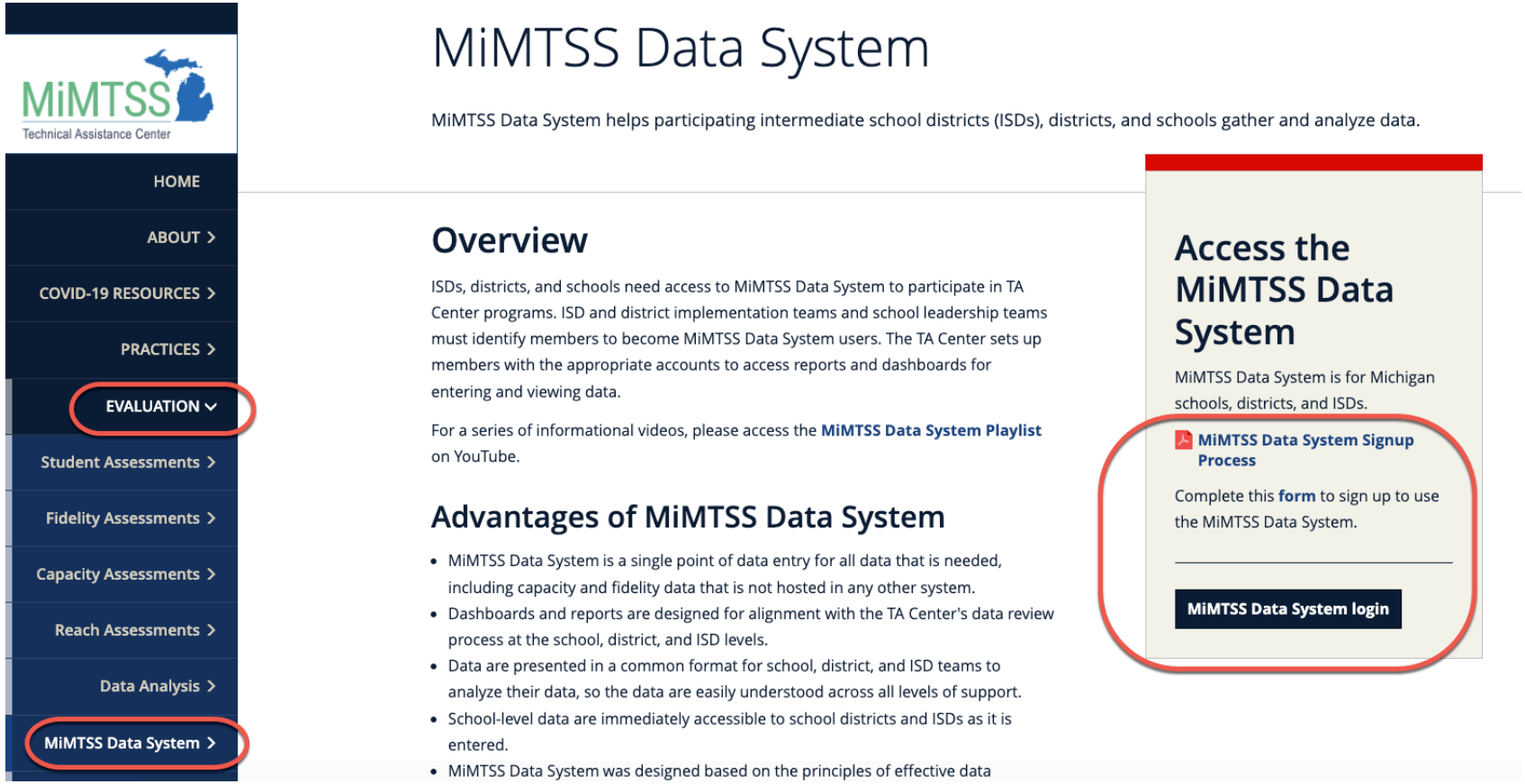
Using the Left Menu: Evaluation



[MiMTSS Data System Page on TA Center Website](https://mimtsstac.org/evaluation/mimtss-data-system) (https://mimtsstac.org/evaluation/mimtss-data-system)

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Sign-Up Process

See the MiMTSS Data System Sign-Up Process (https://mimtsstac.org/sites/default/files/Documents/Evaluation/MiMTSS Data System Signup Process.pdf) for details.

- Complete an online interest form
- MiDataHub activates the Use Agreement in the MiDataHub cockpit and alerts the superintendent via email
- Superintendent (or designee) electronically signs the use agreement in the MiDataHub cockpit
- Overnight, an integration between MiDataHub and the MiMTSS Data System moves the signed agreement into the MiMTSS Data System and alerts a TA Center team member that a new agreement has been signed
- A TA Center team member sets up the people named on the interests form and alerts them via email, in addition to an automatic email

MiMTSS Data System News

August 2022

MiMTSS Data System

MiMTSS Data System News

Increase your Knowledge of the MiMTSS Data System

Several options are available to help MiMTSS Data System Users learn how to navigate and use the system.

Register for a MiMTSS Data System Orientation Session

Prerequisite: Participants must already have login access to the MiMTSS Data System

By the end of the orientation session, participants will:

1. Understand the data that are available in the MiMTSS Data System
2. Preview the available reports and dashboards available in the MiMTSS Data System
3. Consider who from their organization might want or need access to the MiMTSS Data System
4. Learn how the MiMTSS Data System relates to other systems

Live sessions will be held on 9/28/22, 1/12/23, and 3/8/23.

Register here

Watch videos on our YouTube Playlist

Seven videos are available on the MiMTSS Data System Playlist

1. MiMTSS Data System Overview
2. MiMTSS Data System: The What and Why
3. How to Sign Up for the MiMTSS Data System
4. MiMTSS Data System Page Help
5. Add and Edit MiMTSS Data System Users
6. Add and Update Contact Information, Roles, and Facilities
7. MiMTSS Data System: Data Entry

Newly Released Features

Dashboards

District Dashboard (Context Tab): The "Certified Data Coordinator" column is now called "District Data Coordinators." We added an "ISD Data Coordinators" column so that districts can see their ISD's data coordinators for possible collaboration opportunities.

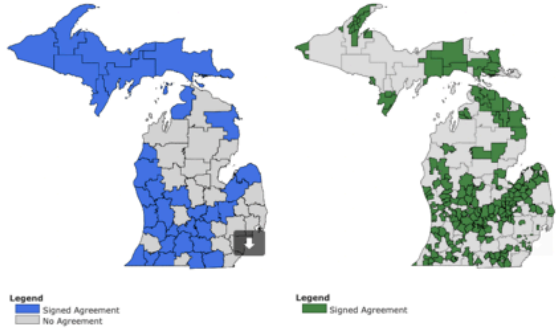
Data Entry and Reporting

New Data Coordinator Role Report: ISD users can see who is serving in MTSS data coordination roles across all districts within the ISD.

Other Features

Personnel Search Results now display email addresses in addition to names and facilities.

ISDs and Districts with Signed Use Agreements



Features in Development for Future Release

Features in Development for Future Release:

- Data Integration with MICIP is underway. Features have been built to allow MICIP to receive the data. Next, the MiMTSS Data System developer will be building the features to send data to MICIP.
- MiMTSS Recognition dashboard tabs will be added for Data System users to access their 2021-2022 Recognition status, letters, and badges.
- At the end of November, we will be implementing a feature to remove login access for Data System users who have not logged in during the previous 335 days.

Design New Features
Submit a MiMTSS Data System Feature Request

Submit Request

Resources

MDE MTSS

MiMTSS TA Center

Michigan DataHub

Share This Communication
Share the sign-up form with others who are interested in receiving the monthly news

News Sign-Up

The MiMTSS Data System News is distributed monthly to all MiMTSS Data System users. The communication includes information about newly developed features, features in development, and those slated for future development.

View previous News:
June 2022
May 2022
April 2022

Michigan's MTSS (MiMTSS) Data System is designed to support the school, district, ISD, and state teams with access to critical information needed to design continuous improvements to MTSS in Michigan.

MiMTSS Data System Login: http://mimtssdata.org/midata

MiMTSS Technical Assistance Center

Activity 6.1

- Option 1: Check your inbox for the MiMTSS Data System News
- Option 2: Sign up for the MiMTSS Data System News
- Option 3: Access the Sign-Up Process directions

Ongoing Improvements

- The system is continuously updated (every 2 weeks) based on a review of user requests and identified needs from the MiMTSS Technical Assistance Center
- What's coming: MICIP integration, updated method for determining MTSS stage of implementation, automated prompting about data entry, updates to ISD dashboards, additional integrations, enhancements to data visualizations