



# MICHIGAN DataHub

## Legislative Report 2025-26



CENTER FOR EDUCATIONAL  
PERFORMANCE AND INFORMATION

# Success-at-a-Glance

MiDataHub averages more than

**10 million**

transactions per day

**312,292**

UIC Searches for **627** Districts

Over

**74,700**

UICs created

Snack Pack enabled in

**708**

Districts

Over

**510,000**

Snack Pack calls

**338**

MiLearn Districts

M-STEP, PSAT, SAT, & WIDA

**640**

Districts

Over

**1.5 million**

Student Records

**11,511**

Integrations in use

Number of Districts Live

**857**

With **875** signed up

857 Districts use  
MiLaunchPad to access

**18**

Federated  
Applications

# Legislative Goal Summary

## ✓ 8a: Infrastructure

Built a secure, scalable foundation in AWS—advancing performance, reliability, and sustainability for statewide data flow.

## ✓ 8b: Integrations

Expanded standardized Ed-Fi and OneRoster integrations to simplify connections, reduce costs, and improve accuracy.

## ✓ 8c: Common Applications

Promoted shared, interoperable systems through webinars, newsletters, and conference engagement.

## ✓ 8d: Adoption

With **858 of 880 districts** active, Michigan has reached near-universal adoption, supported by monthly training and DHSS collaboration.

## ✓ 8e: Data Security

Enhanced protection through third-party testing, MDR monitoring, and stronger key and secret management.

## ✓ 8f: Actionable Data

Powered key statewide solutions such as MiRead, MiEWIMS, MiLearn, and MiStrategyBank—enabling informed, data-based decisions at the classroom level.

## ✓ 8g: Governance Model

Sustained through Section 22m funding and robust advisory leadership; vendor certification and collaboration improved transparency.

## ✓ 8h: Future Initiatives

Planning future-ready integrations, including OneRoster 1.2 adoption, MiGreatDataLake partnership, and next-generation reporting tools.

# Changing the Landscape

Michigan continues to reshape how education data systems connect and work together, driving change both within the state and nationally. By building bridges between state agencies, intermediate districts, and local districts, the Michigan DataHub has created a model recognized across the country for its innovation, collaboration, and lasting impact.

## Leading the Way in Data Standards and Collaboration

This year brought two national honors that share one story of collaboration and persistence. The Michigan DataHub, working with LearningMate and Double Line, received the 1EdTech **Learning Impact Award** in the **Learning Environment Infrastructure** category and was also a co-recipient of the **Ed-Fi Community Service Award** through its role in the Rostering Steering Committee. Both recognitions reflect years of work to bring multiple data standards together within a connected ecosystem. Michigan was an early leader in this effort, helping shape the community by embracing both Ed-Fi and 1EdTech standards within the same environment.



*Ed-Fi Community Service Award  
Present Committee Members*



*Learning Impact Award  
Michigan DataHub & Double Line*

## The Data Hub Model

Over the past year, the Ed-Fi Alliance has elevated the State, ESA or ISD, and District connection as the *Data Hub Model*. After exploring many possible names for this architecture, they recognized that the pattern already existed in Michigan. The model reflects a proven approach that connects state agencies and districts through their intermediate partners, a key factor in Michigan's success. Since then, several states have adopted the model, with more now in development.

# Current Industry Hot Topics

## Connecting with CEDS

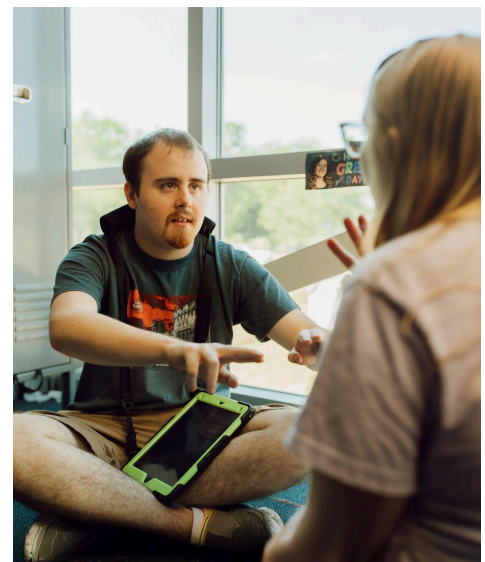
The Michigan DataHub is actively collaborating with CEPI as they advance their modernization efforts and stands ready to complement this important work. Supported by a technical assistance grant from the Michael and Susan Dell Foundation, we are exploring and testing an alignment between CEDS and Ed-Fi to strengthen interoperability across Michigan's data systems. With a proven history of successfully managing multiple standards within the same ecosystem, Michigan is well positioned to continue that success into the future.

## Dyslexia Legislation

The Michigan DataHub is preparing to support new legislative requirements with flexibility and collaboration. Our team is ready to serve as the secure data pipeline connecting screener and assessment information to the systems responsible for meeting state reporting needs. We are preparing to engage vendors of approved screeners to ensure a smooth onboarding process and seamless data flow that supports districts across Michigan.

## Special Education Data Model

The Special Education Data Model, or SEDM, is a national effort within CEDS designed to create a shared, modern structure for representing special education data. Its goal is to more accurately capture the complexity of special education programs and align data across CEDS, Ed-Fi, and A4L to strengthen consistency nationwide. Michigan is participating as a stakeholder in this work, contributing expertise from our statewide data systems. SEDM stands as a powerful example of the standards community coming together across organizations to build a more unified and effective data ecosystem that benefits states, districts, and students.



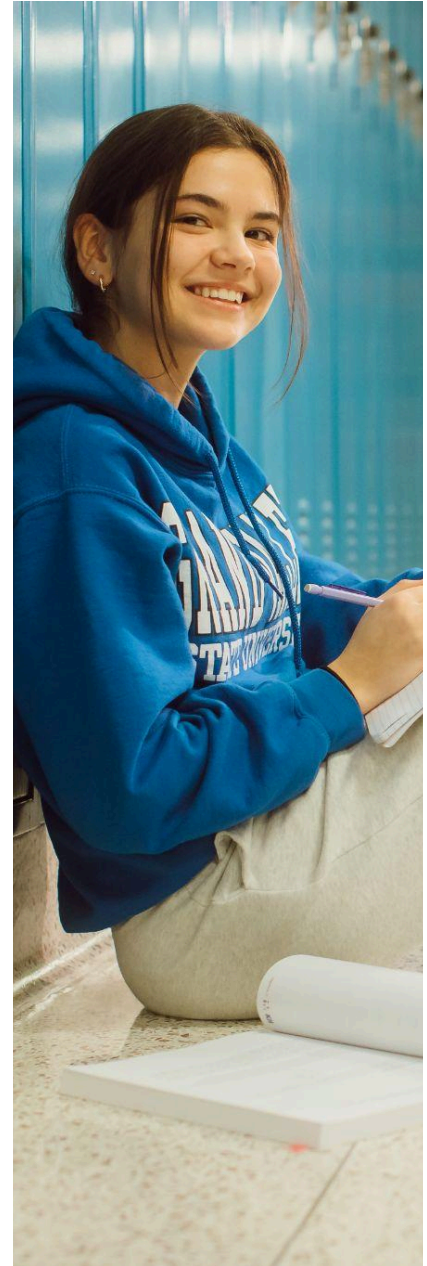
# ROI Highlights

## Key Stats

- **\$41m+** in annual savings
- **830%** ROI
- **410** surveyed districts

The 2024 ROI 2.0 Study reaffirmed MiDataHub's strong fiscal impact, showing **over \$41 million in annual savings** and an **830–843% return on investment**. A statistically significant **410 districts** participated in the study, reflecting the strong value of the initiative.

In 2025, MiDataHub began implementing the study's recommendations by evaluating infrastructure needs and planning the **Application Development Updates and Containerization Project**—a modernization effort supported by **\$1.5 million in one-time state funding** to enhance **performance, scalability, security, and long-term sustainability**. These improvements will **reduce maintenance costs, streamline future upgrades, utilize industry standards, and strengthen the foundation for API-first integrations**. Additional work focused on improving data quality for **23g MiKidsBackOnTrack** and **Benchmark Assessment** reporting, advancing governance through KPI development, and expanding district engagement through ongoing webinars and DHSS training. *As technology and security requirements continue to evolve, maintaining alignment with modern frameworks will be key to preserving the efficiencies and savings demonstrated in the ROI study.*



# Supporting Legislative Initiatives

## Where legislation meets implementation

The Michigan DataHub helps turn legislative initiatives into clear and practical solutions that make life easier for districts. Our work supports schools in meeting their obligations, simplifying reporting, and keeping the focus where it belongs, on students. We start by understanding the intent behind each initiative, then partner with vendors to build and test integrations that make compliance simple and effective.

With a long history of supporting legislative initiatives, the Michigan DataHub has helped districts and partners implement many statewide efforts over the years. Rooted in legislative priorities, we continue to connect policy and practice, using proven standards from Ed-Fi and 1EdTech to strengthen Michigan's education system with clarity and purpose.

- **Math Nation / Algebra Nation** (Started in Section 99t ) An online learning platform that helps middle and high school students master math concepts, especially algebra, geometry, and other subjects aligned to state standards.
- **MiLearnerWallet** (Previously Section 27o) Enabled districts to collect, verify, and submit data seamlessly for High Impact Tutoring program reporting under Section 23g.
- **MiKidsBackOnTrack** (Previously Section 23g) Supported 30 vendors onboarding, reporting through MAISA and MiTSS Center for research and evaluation of data.
- **Early Math** (Previously 23h) Worked with districts and MAISA to enable reporting for the program research team.
- **MiEWIMS** (Section 25) A statewide Early Warning Intervention and Monitoring System that helps identify and support at-risk students. The Michigan DataHub provides the data and single sign-on services that make this system seamless and secure for districts.
- **Benchmark Assessment** (Section 104h) Intermediate School Districts (ISDs) and local educational agencies (LEAs), both traditional public school districts and public school academies (PSAs), can participate in this funded initiative using benchmark assessments to evaluate student academic competency in grades K-8 in both reading and mathematics.
- **MiGreatDataLake** (Section 12c Consolidation Grant) We are working to become the first connected data source to the new data lake project, which will serve as the foundation for MAISA's actionable data initiatives.

## Other legislative initiatives

At times, the Michigan DataHub also serves as a collaborator on other legislative initiatives. Through these partnerships, we contribute our expertise and infrastructure to help ensure statewide efforts are effective, connected, and data-informed.

- **OPTIMISE** (94d) While the Michigan DataHub typically connects technical systems, we also help organizations connect with the right people and resources to meet their specific needs.
- **MiSecure / Cyber Security Assessments of School Technology Infrastructure** (Section 97g) We are able to leverage the managed detection and response (MDR) security product of this project to strengthen and safeguard our infrastructure on behalf of Michigan's districts and stakeholders.
- **MiCloud** (Section 12c Consolidation Grant) - MiCloud is a strategic partner that works closely with our infrastructure team to provide a cost-effective and secure hosting environment.
- **MISEN** (Section 12c Consolidation Grant) - When schools have fast, affordable, and secure internet access, districts are better equipped to maintain reliable and secure connections to the Michigan DataHub and the many applications we integrate with.

## State Collaborations

The Michigan DataHub partners closely with state agencies to streamline data sharing, improve reporting accuracy, and enhance services for districts across Michigan. Through integrations with CEPI and the Michigan Department of Education, these collaborations automate key processes—from state reporting and assessment delivery to student identification and eligibility verification—ensuring districts have timely, reliable data to support student success.

### Collaborating with Center for Educational Performance Information (CEPI)

- **State Reporting Data Quality Reports**  
State Reporting Data Quality Reports provide districts with continual access to real-time MSDS-related data, offering automated checks and visual summaries that help identify and resolve errors early. This ongoing visibility allows districts to keep data submission-ready between reporting windows, reducing manual work and the need for repeated file uploads to MSDS.
- **State Reporting File Creation**

The State Reporting File Creation feature automates the generation of MSDS-compliant state reporting files directly from MiDataHub, streamlining data submission for all SIS vendors and serving as a required integration for Skyward Qmlativ districts.

- **CEPI Services**
  - **UIC Services** - Allow districts to automatically search, match, and create student Unique Identification Codes (UICs) directly from their SIS, enabling real-time identification at enrollment and improving data accuracy for mobile students.
  - **Snack Pack**- Delivers essential state-derived student data—such as EL program eligibility, attendance, and special education status—into a district’s SIS upon enrollment, ensuring timely access to critical information and continuity of services for highly mobile students.
  - **Direct Cert** - Automates the retrieval of student eligibility for free or reduced-price meals by integrating food service systems with MiDataHub and CEPI databases, reducing manual work and ensuring students receive benefits as early as enrollment.

## Collaborating with Michigan Department of Education (MDE)

- **MiLearn:** Supported by MiDataHub’s integration infrastructure, the MiLearn integration continues to expand, giving districts seamless access to statewide assessment data within their local systems for teachers, administrators, parents, and students.
  - Beg. 25-26 = 334 districts enabled
  - Beg. 24-25 = 294 districts enabled
  - Beg. 23-24 = 264 districts enabled
- **MICIP:** MiDataHub supports MICIP by providing Single Sign-On (SSO) federation through MiLaunchPad, giving educators streamlined access to the Michigan Integrated Continuous Improvement Process system.
- **BHWorks:** BHWorks uses the Ed-Fi API through MiDataHub to access real-time, up-to-date student data for behavioral health assessments and support services.
- **Handle With Care:** The Michigan DataHub supports regional efforts to implement the Handle With Care protocol, ensuring schools receive timely information so children impacted by trauma are supported with care and appropriate interventions.
- **State Assessments:** Automated connections between MDE and MiDataHub ensure assessment data from M-STEP, WIDA, SAT, and PSAT flows quickly and accurately, giving districts timely access for instruction, reporting, and analysis.

# Legislative Goal Updates

The Michigan DataHub continues to advance its mission to strengthen educational data management across Michigan. The following pages highlight the eight goals set for this year, all of which have been successfully achieved or surpassed.

## Goal 8a

Creating an infrastructure that effectively manages the movement of data between data systems used by intermediate districts, districts, and other educational organizations in Michigan based on common data standards to improve student achievement.

Our infrastructure continues to advance, strengthening a secure and scalable foundation for effective data management across Michigan. Hosted in Amazon Web Services, it integrates Ed-Fi and OneRoster standards to ensure seamless connections between systems. Through the Michigan Data Exchange, multi-district data is unified to power statewide actionable data initiatives. MiLaunchPad provides educators and students with a single, secure point of access to the tools and information they need.

### 2025 Highlights

- Optimized the AWS environment for greater cost efficiency.
- Advanced sustainability planning for future versions of the OneRoster specification.
- Partnered with the MiGreatDataLake project to design a high-velocity integration for faster, more efficient data exchange.
- Completed a full code refresh of MiLaunchPad to keep it current, secure, and ready for future enhancements.
- Completed initial development of a dynamic product catalog.
- Completed an update to the management portal that provides reporting capabilities and improves the information available to partners to facilitate administration of integrations.

## Goal 8b

Utilizing the infrastructure to put in place commonly needed integrations, reducing cost and effort to do that work while increasing data accuracy and usability.

Michigan DataHub connects education data systems across the state through a mix of inbound, outbound, Ed-Fi API, and OneRoster API integrations. These standardized connections allow information to move securely and automatically between district systems, state systems, and vendor applications. By replacing manual uploads and one-off processes with shared integrations, MiDataHub ensures that every LEA, PSA, and ISD - regardless of size or resources - has equal access to the same tools, data, and opportunities.

### 2025 Highlights

- **District Efficiency:** Districts experienced streamlined data exchange - saving time and resources.
- **Partner Collaboration:** Vendors and partners benefited from scalable, reusable integrations that support consistent statewide data practices.
- **Data Consistency:** Simplified integrations strengthened Michigan's education data ecosystem through shared standards and improved data quality.
- **CEPI Passthrough Services:** MiDataHub supports three live Ed-Fi API passthrough services in partnership with CEPI, allowing districts to securely access critical student data directly through their SIS:
  - **Direct Certification** - Enables authorized district users to instantly determine a student's eligibility for free or reduced meals.
  - **Portable Student Records (Snack-Pack)** - Provides key student information to ensure timely access to services for newly enrolled students.
  - **UIC Services** - Allows SIS tools to automatically search, resolve, and request UICs from CEPI within seconds.

## Goal 8c

Promoting the use of a more common set of applications by promoting systems that integrate with the Michigan DataHub network.

Michigan DataHub continues to champion a shared approach to data systems across Michigan. By promoting common applications, we strengthen reliability, efficiency, and data quality statewide.

MiDataHub embraced new opportunities to present at student information system and association conferences, expanding awareness and collaboration. Outreach this year also included training sessions, newsletters, and partnerships that helped districts and vendors work together through one connected data ecosystem.

### 2025 Highlights

- **Webinar Series:** Delivered a biweekly series focused on practical, just-in-time learning for stakeholders.
- **Newsletter:** Published a biweekly update featuring timely and relevant information for the community.
- **Conference Engagement:** Shared a consistent message at student information system and pupil accounting conferences, strengthening connections across the state.
- **Product Catalog:** A series of enhancements were developed, and content for all vendors is actively being updated.

### Goal 8d

#### Promoting 100% district adoption of the Michigan data hub network.

Michigan DataHub continues to see remarkable adoption, with 857 of Michigan’s 880 districts actively engaged. Participation is driven purely by the value it provides, with ISDs, LEAs, and PSAs across the state choosing to take part because it makes their work easier and more effective. This broad engagement reflects the platform’s inclusivity and its growing impact on Michigan’s education data ecosystem.

# Entities	Type	# Signed Up	% Signed Up	# Live Districts	% Live Districts	# Live Students
56	ISD	56	100	50	89.3	45,294
536	LEA	534	99.6	531	99.1	1,448,651
288	PSA	285	99	276	95.8	111,262
<b>880</b>	<b>Total</b>	<b>875</b>	<b>99.4</b>	<b>857</b>	<b>97.4</b>	<b>1,605,207</b>

## Path to full adoption

- **Data Security and Control:** Districts retain full ownership of their data through secure hosting agreements.
- **Diverse Use Cases:** Supports integration, reporting, rostering, and instructional needs across systems.
- **Vendor Collaboration:** Regular engagement ensures seamless operations and strong partnerships.
- **Proven Value:** ROI studies show clear savings and efficiencies for participating districts.
- **Partnerships and Training:** Advisory collaboration, ongoing training, and a dedicated team sustain statewide growth and success.
- **Customer Service:** Responsive, high-quality support helps districts resolve issues quickly and maximize value.

## 2025 Highlights

- **Sec 104h - Benchmark Assessment Reporting:** MiDataHub provided an essentially touchless path for integrating necessary data required for this work, for participating assessment vendors, districts, and PSA's. Providing a seamless integration path for 710 school districts and PSA's (764,000 students).
- **CEPI API Services:** MiDataHub continues to act as the pass-through platform for CEPI's Snack-Pack, UIC, and Direct Certification APIs, delivering timely data to ensure students receive services they are eligible upon enrollment to receive.
- **Student State Reporting:** MiDataHub improved state reporting with better Count Day address handling, new MSDS data elements, and the redesigned Collection Management screen. Continued enhancements to Custom Exports keep district reports accurate and up to date.
- **MiDataHub UI/UX Updates:** MiDataHub's Cockpit had a refresh this year, improving navigation, readability, and usability for a more intuitive user experience.
- **Improved SSO Certificate Management:** MiDataHub strengthened SSO federation reliability by adding certificate expiration dates directly to the district UI and implementing an automated 30-day email alert, enabling districts to proactively monitor and renew certificates before service disruptions occur.
- **23G - MiKidsBackonTrack** - Districts used 23g funds to support an estimated 129,340 students in 446 districts, with 78,497 students reported through MiDataHub participating in programming across 1,034 schools statewide.
- **DHSS Network - Onsite Trainings:** The Michigan DataHub team planned and organized a one-day onsite meeting during 2024–25, bringing together over 50 DHSS members along with organizations from across the state.
- **Statewide conference attendance:** MiDataHub strengthens collaboration with organizations and districts across Michigan by offering specialized training sessions at state conferences.

These sessions highlight integrated features of the Michigan DataHub tailored to each audience. Our team participates in events such as MPAAA, MSBO, MAEDS, MACUL, and other educational technology conferences.

## Goal 8e

### Ensuring local control of data, data security, and student data privacy.

Protecting student data remains the highest priority for the Michigan DataHub. Through a layered security approach, we continue to ensure that every district maintains full control over its own data.

#### Overview

- **Expanded Protections:** Strengthened security across all areas including encryption, authentication, monitoring, and training.
- **District Control:** Districts manage their own API keys and integrations through the cockpit application for clear control and transparency.
- **Data Encryption:** All data is encrypted in transit and at rest using AWS and SQL Server protocols, with immutable backups to protect integrity.
- **Secure Access:** Single Sign On provides safe and seamless access that aligns with local management practices.
- **Clear Ownership:** Hosting agreements define precise ownership and responsibilities for all data.
- **Ongoing Training:** Staff complete regular FERPA and HIPAA training to maintain the highest standards of compliance.
- **Continuous Monitoring:** Trusted security partners provide around the clock monitoring to ensure rapid detection and response to potential threats.

#### 2025 Highlights

- Fully Implemented MDR in partnership with MiSecure (97g) project.
- Performed an annual pen testing using a third party security firm.
- Enhanced the security around our district key and secret management including lifecycle planning.
- Continued regular proactive security planning with our contracted security and cloud consultants.

## Goal 8f

Utilizing the infrastructure to promote the actionable use of data through common reports and dashboards that are consistent statewide.

As the Michigan DataHub enhances data quality and availability, its potential to support teaching and learning grows exponentially. Actionable data initiatives “**Powered by MiDataHub**” enable the development of instructional tools and dashboards, facilitating data-driven decision-making statewide.

### Key Actionable Data Initiatives

#### Established Systems (Active Development and Implementation)

- **MiRead:** Supports Individualized Reading Improvement Plans and literacy legislation efforts.
- **MiStrategyBank:** Curates and integrates evidence-based strategies across platforms like MiRead, MICIP, and MiEWIMS.
- **MICIP:** Achieved 100% adoption in 2022, streamlining continuous improvement planning at all levels.
- **MiEWIMS:** Expands early warning systems to identify at-risk students and improve graduation rates, funded for statewide implementation over five years.
- **MiEarlyChildhoodConnect:** Focuses on early childhood data integration.
- **EduPaths:** Serving 50,000 educators with online professional development and streamlined crediting system.
- **MiCoachCompass:** Designed for coaching best practices across content areas.

#### Emerging Systems (Development or Pilot Testing)

- **MiSpecialEducationResourceCenter (MiSERC):** Supports special education data management. Initial development is complete, resource population underway, go-live date: Winter 2026.
- **MiECRollup:** Modeled on the MiDataHub SnackPack, focused on early childhood data aggregation.
- **MiGreatDataLake:** 12c grant funded initiative to build a modern data lake to serve Michigan Schools. MiGreatDataLake will assume data storage and distribution responsibilities, replacing MiDataHub’s MiDataExchange system.
- **New Initiatives:** MAISA is in the process of completing 11x funded feasibility studies to support the following actionable data initiatives focused on dyslexia support systems and a statewide special education resource center.

## Goal 8g

Creating a governance model to facilitate sustainable operations of the infrastructure in the future, including administration, legal agreements, documentation, staffing, hosting, and funding.

- **Sustainable Funding:** Supported through Section 22m CEPI funding, with Kalamazoo RESA serving as fiscal agent, providing stability for ongoing operations.
- **Dedicated Team:** Led by the Executive Director, the team now includes specialists in support, integration, technical operations, databases, and systems development.
- **Local Support Specialists:** The DataHub Support Specialists are key to long-term sustainability, ensuring districts across the state have access to local experts who understand their unique needs.
- **Advisory Leadership:** The Advisory Committee helps to shape priorities while the leadership team keeps efforts aligned with legislative and grant goals. Two regional representatives have served since the project's beginning, a true reflection of long-standing commitment and shared purpose.
- **Collaborative Network:** A strong network of Intermediate School Districts provides local expertise and support, while partnerships such as the Michigan Collaboration Hub continue to strengthen actionable data efforts across the state.

### 2025 Highlights

- **One-Time Funding Investment:** A \$1.5 million allocation will be instrumental in modernizing core technical systems and enhancing the overall user experience across MiDataHub.
- **Improved Certification Process:** Enhancements to the Product Catalog now make certification status and progress more visible and accessible for both districts and vendors.
- **Vendor Success Calls:** Ongoing success calls keep regular communication with vendors, ensuring alignment, collaboration, and smooth implementation across all integrations.

## Goal 8h

Evaluating future data initiatives at all levels to determine whether the initiatives can be enhanced by using the standardized environment in the Michigan data hub network.

The Michigan DataHub network offers a trusted, standardized environment that strengthens future data initiatives. Evaluating new efforts through this lens ensures alignment, efficiency, and greater value for educators and students across Michigan.

### 2025 Highlights

- **OneRoster 1.2:** Evaluating a path to adopt OneRoster 1.2 to support future integrations and maintain seamless, reliable connections statewide.
- **MiGreatDataLake:** Working to establish a path to be the first integrated partner into the lake.

### Future Evaluation

- **Assessment Data Loads:** Evaluating community-supported projects for managing assessment data. By aligning with these shared initiatives, we can expand support and deliver greater value to districts statewide.
- **New Reporting Engines:** Evaluating an enhanced data query tool that converts natural language into queries, allowing users to easily generate reports and assess the quality of their data.

## Looking Ahead

Our work moves much like the seasons. It is steady, evolving, and always connected to something larger. Each year we plant new ideas, nurture partnerships, and strengthen Michigan's schools and the people who serve in them.

The one time allocation of \$1.5 million provides an opportunity to modernize the systems that have supported this work for years. These investments enhance the tools educators and district staff rely on each day, making them more secure, efficient, and ready for the future.

This fall we begin planning a multi-year roadmap to guide our next chapter. In collaboration with CEPI and MDE, we will align with CEPI's modernization efforts connected to Common Education Data Standards (CEDS) and future initiatives such as MiEdWorkForce. MiDataHub is also positioned to be the first provider of data into the MiGreatDataLake initiative, helping to establish the foundation for Michigan's next generation of actionable data systems.

Across education, the role of technology and artificial intelligence continues to grow. One of the most practical ways we can respond is by improving the tools and data systems that support educators and staff. When we make their work simpler and more effective, we give them more time to focus on what matters most, helping students thrive.

For more information please visit [www.midatahub.org](http://www.midatahub.org)



*Kalamazoo RESA serves as the Fiscal Agent of the Michigan DataHub*

