

Navigating Benchmark Assessment: Tracking Progress for 2024-25 Reporting

Kate Cermak - Michigan Department of Education

Kevin Bullard - Michigan DataHub



1. Welcome and introductions
2. Overview of legislation and Fact Sheet/FAQ Document
3. Processes when using MiDataHub
4. Extended benchmark API
5. Assessment integrations
6. Benchmark Assessment Readiness features tool
7. Timelines
8. Q&A

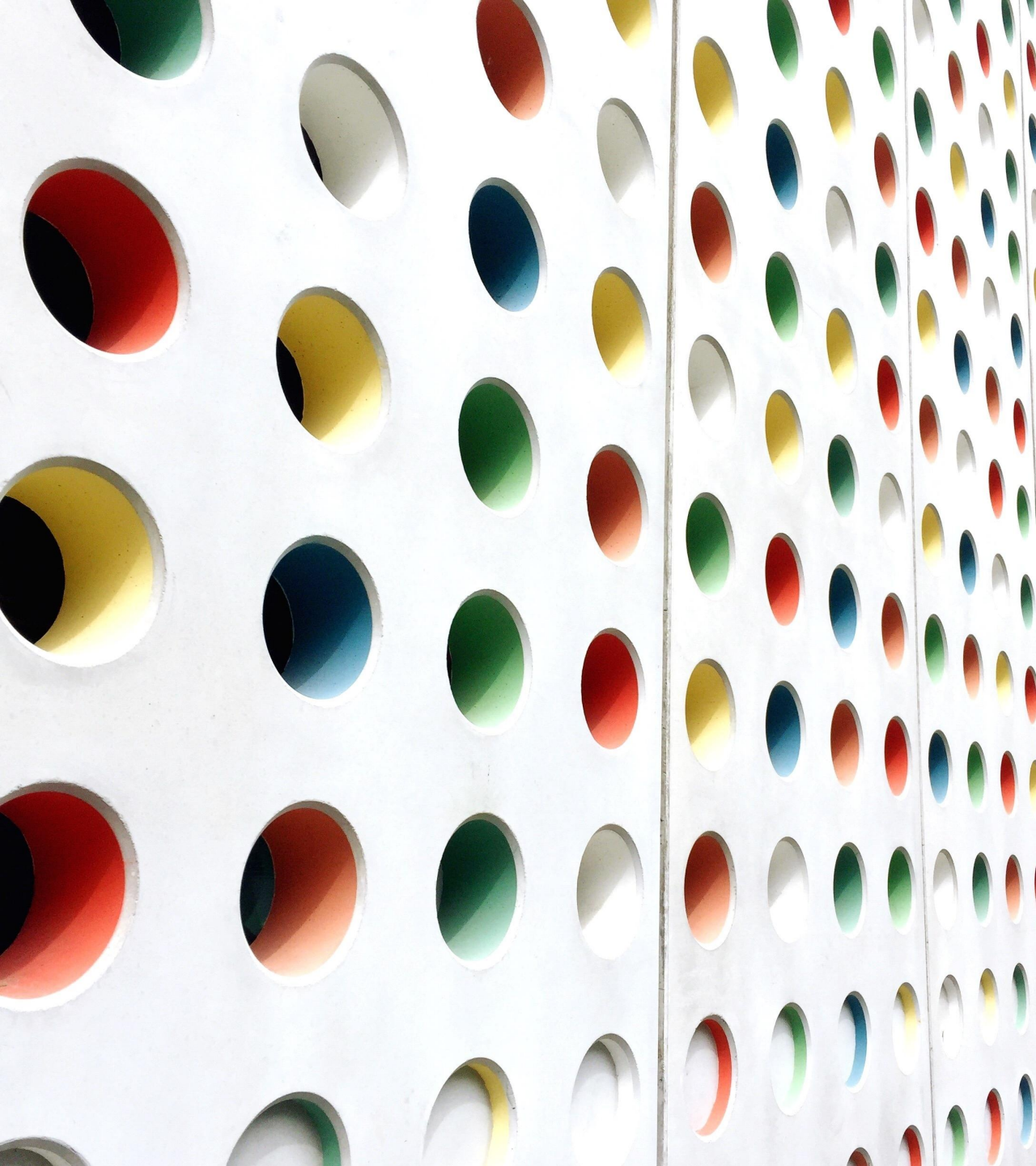


The 2023-24 School Year taught us a lot about gathering data on a massive scale



- MiDataHub is able to streamline the input and processing of assessment data
- About 662 of the 693 eligible districts provided data via MiDataHub (per GEMS MARS data received)
- Some districts were missing one or more of the steps
- monthly collaborative calls with research partners
- Able to react promptly to requests
- NWEA data sharing agreement follow up





Benchmark Assessment Legislation

[388.1704h](#)

OVERVIEW, PROCESS, FAQ

2024-25 Benchmark Assessment System [388.1704h](#)

- Administer twice a year: in first 9 weeks of school and again before the last day of the school year
- Administer to all students in grades K-8
- Benchmark assessments must:
 - measure proficiency in reading and mathematics
 - be aligned to Michigan's academic content standards
 - complement Michigan's summative assessment system
- Assessment results must be shared with parents within 30 days of test administration.

2024-25 Benchmark Assessment System

- The same benchmark assessment(s) that were administered by the district in previous school years, to the extent practical, should continue to be administered
- To support fall to spring growth reporting, the same benchmark assessment that is administered in the fall must be administered in the spring
- Assessment results must be shared with parents within 30 days of test administration.
- ISDs are no longer included in the law.
-

2024-25 Benchmark Assessment System

- \$11,500,000 is allocated to implement benchmark assessments
 - eligible districts that apply for funding will be paid an equal amount per membership student in grades K-8
- If applying for funding, **both benchmark score results and mode of instruction** must be reported to Michigan Data Hub within 30 days of test administration or by the reporting deadlines, whichever comes first.
- To apply for funding, complete the **Benchmark Assessment Reporting and Funding Application in NexSys**
 - **November 8, 2024 - December 6, 2024** (tentative)
 - payments anticipated through the State Aid Management System (SAMS) in March, 2025

District Choice

Type of Benchmark Assessment	Reporting Method
Benchmark assessment from MDE-approved provider list	Student-level data via Michigan Data Hub (MDH) and NexSys
Assessment providing progress monitoring	NexSys
Local benchmark assessment	NexSys
Any combination of the above 3 choices	Michigan Data Hub and NexSys depending on type of assessments being administered

Which Benchmark Assessments?

The following benchmark assessments must be reported through Michigan Data Hub:

- Available to districts at no charge:
 - Grades K-2: Early Literacy and Mathematics Benchmark Assessments
 - Grades 3-8: Smarter Balanced Interim Assessments
- Funding is available for districts administering one of the following:
 - Curriculum Associates i-Ready
 - NWEA Map
 - Renaissance Star

How are the data reported for districts using MiDataHub for Aggregation?

- **File-based integration:** districts provide permission through a data sharing agreement for the assessment vendor to allow MDH to receive benchmark results for processing
- **Application Programming Interface (API) integration:** APIs create secure direct connections between processing partners
 - Districts can create the API integration themselves and provide the credentials to the vendor, or
 - Districts may request the MDH to create the API integration
- In most cases districts who use MDH last year for aggregation, and are using the same assessments, won't need to make any configuration changes

How are the data reported?

Assessment	Integration Type	Integration Steps and Information
NWEA MAP	File-based integrations	www.midatahub.org/Core/Stories/Permalink/nwea-map/
Renaissance Star	File-based integrations	www.midatahub.org/Core/Stories/Permalink/star-assessments/
Curriculum Associates i-Ready	API Integration	www.midatahub.org/Core/Stories/Permalink/i-ready-diagnostic-and-instruction/
Smarter Balanced Interim	API Integration	https://www.midatahub.org/Core/Stories/Permalink/drc-smarter-balanced-assessments/
Early Literacy and Mathematics	API Integration	https://www.midatahub.org/Core/Stories/Permalink/drc-smarter-balanced-assessments/

Which data are published to the MDH?

Student level data from the Student Information System
Student assessment results

What are the aggregation rules?

- Students tested in the Fall will be reported by December 6th
- Assessment data will be joined to student demographic data from MSDS to allow for disaggregation at the state level
 - Gender
 - Race/Ethnicity
 - Students with Disabilities
 - English Learners
 - Economically Disadvantaged
 - *Primary Disability (pulled from Special Education component)

How will the data be kept safe?

- Michigan Data Hub has secured data sharing agreements with EPIC and MEDC
- Research partners have built security protocols in consultation with university and SOM security experts
- Sensitive data is housed by MEDC on servers hosted by U-M data centers
 - Servers are highly secure and approved for use with FERPA, Export Controlled (ITAR, EAR), PII, HIPAA, and Sensitive Human Subject Research data
 - Servers are monitored 24/7 for network and physical intrusion and security updates are regularly applied

Who will have access to the data?

- Student-level data
 - Michigan Data Hub – collects the data
 - MEDC and EPIC – aggregates the data
- Aggregated data
 - CEPI
 - MDE

How long will the data be kept?

- Districts specify how long student-level data is kept in the MDH
- MEDC and EPIC will destroy student-level data 60 days after it is no longer needed for the project
- State of Michigan (MDE and CEPI)
 - Aggregated data becomes part of the SOM administrative data sets and will be retained for analysis in accordance with state records retention and disposal rules.

How will the data be reported?

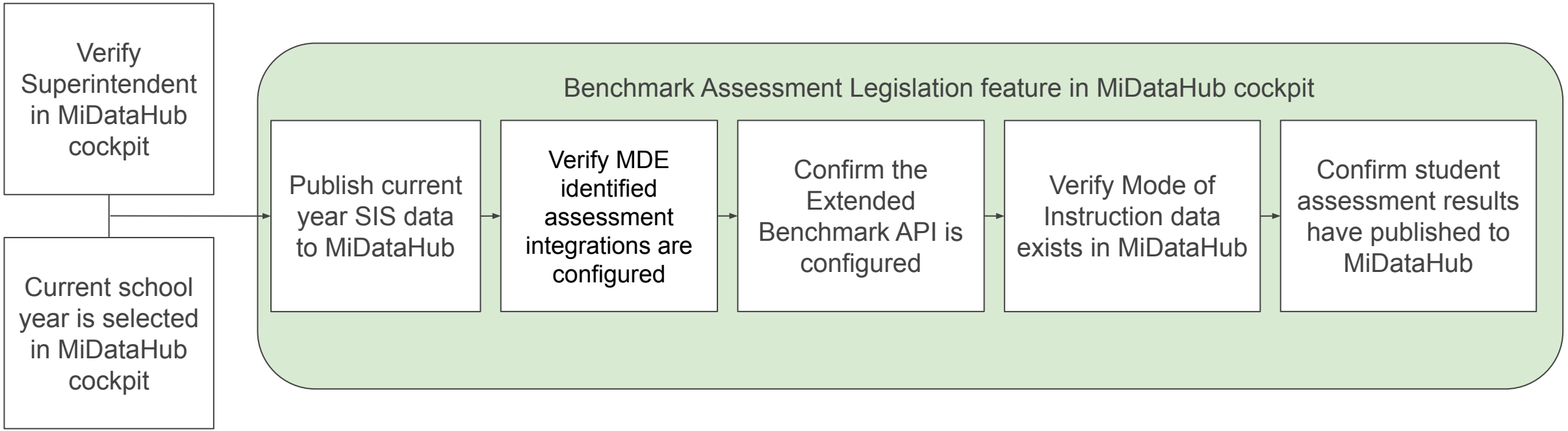
- Based on the statewide aggregates, EPIC will develop and MDE will provide a report to the Governor and education-related standing committees of the state House and Senate
- Aggregate data may be subject to FOIA rules both locally and at the state level

Reporting through the NexSys

- If requesting funding, **all** assessments administered as part of a benchmark assessment system must be reported on the **Benchmark Assessment Reporting and Funding Application in NexSys**
- Even if not requesting funding, MDE requests districts complete the application so that long term studies can continue robustly
- Application available: **November 8, 2024 - December 6, 2024**
(tentative)

Reporting through the NexSys

- The application requests the following:
 - Identify **all** benchmark assessments administered in the fall including local assessments and those that provide progress monitoring
 - For local benchmark assessments and those with progress monitoring describe:
 - Which local assessment(s) were used and in which grades?
 - How did the assessment(s) measure change, including learning loss?
 - What are the plans to address any loss in learning?
 - Assurances that all requirements for funding have been fulfilled for fall testing and will be fulfilled in the spring
 - Formal funding request



Confirm Superintendent in MiDataHub cockpit.

Login to the Michigan DataHub cockpit and verify the superintendent and contact information is correct

District Status: Active

Manage Authorizations

Name	Email	Authorizations	Actions
Kevin Bullard	kevin.bullard@kresa.org	District Superintendent	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
Erin Pell	epell@gomaisa.org	Technical Contact	<input type="button" value="Edit"/> <input type="button" value="Delete"/>



IF an update is needed please submit a ticket at www.miservicedesk.com

Current School Year configuration

Ensure the current school year is selected in the Michigan Data Hub cockpit.

Agreements ▾ Inventory ▾ Reports ▾ Utilities ▾ MSDS ▾ MiLearn ▾ State System ▾ Features ▾

Manage District: **Warren Springs School District**

Region : Michigan Data Hub

ISD/Intermediate District Code

District

District Type

Address

URL

Current School Year : 2024-2025 (populated) ▾

SFTP Password : District Folder

Integration Server : HUB-WORKER302

District Status : Active ▾




Step 1: Publish current year SIS data to MiDataHub


How do I publish data from my Student Information System to MiDataHub?

Website: MiDataHub.org > Product Catalog


- ▶ Product Catalog
 - ▶ SIS Config Guides
 - ▶ Vendor specific integration documentation




Infinite Campus
Integration Status: Production
Integration Type: Ed-Fi API, OneRoster API
Product/Initiative: Product
System: Student Information System (SIS)
Infinite Campus helps schools and their stakeholders by Transforming K12 Education®. More than 2,000 districts use our flagship student information system to streamline educational processes, promote stakeholder collaboration and personalize learning. Administrators efficiently run their schools and spend more time with kids. Teachers take advantage of digital learning tools to deliver instruction in a way each student can best relate. And, students and parents access learning information in real-time via web browsers and mobile apps.



MISTAR-Q
Integration Status: Production
Integration Type: Ed-Fi API
Product/Initiative: Product
System: Alert/Notification, Behavior and Discipline Tracking, Early Childhood, Food Service, Scheduling, Special Education, Student Information System (SIS), Transportation
Aequitas Solutions
MISTAR-Q is our next generation Enterprise Student Management Solution. Q uses state of the art technology to deliver a fast, interactive and intuitive fully web-based application experience to end-users. Q works to proactively provide information to users not just data.
The MISTAR-Q SIS has been integrated and tested as a complete solution.
MISTAR-Q individual applications are currently being built as separate integrations including Food Service, Alert/Notification, Special Education, Behavior and Discipline Tracking, Early Childhood, Scheduling, and Transportation. Please direct questions about individual applications to the Vendor Contact.



Skyward
Integration Status: Production
Integration Type: Ed-Fi API
Product/Initiative: Product
System: Alert/Notification, Learning Management System (LMS), Student Information System (SIS)



Synergy
Integration Status: Production
Integration Type: Ed-Fi API
Product/Initiative: Product
System: Student Information System (SIS)
Synergy Education Platform is an industry-leading student data management ecosystem built to fit the way K-12 educators already work, with seamlessly integrated student information management, learning management, assessment, special education management, and analytics.



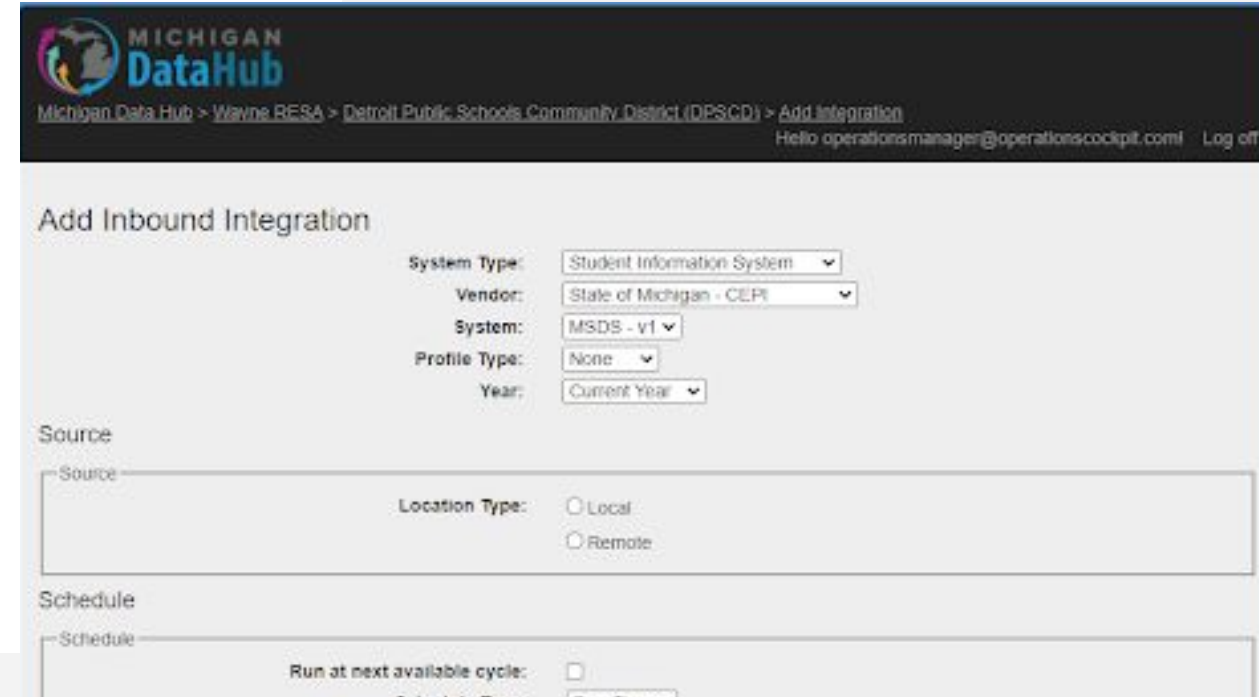
PowerSchool
Integration Status: Production
Integration Type: Ed-Fi API
Product/Initiative: Product
System: Alert/Notification, Assessment, Special Education, Student Information System (SIS)
Schools depend on a modern, easy-to-use solution to improve daily operations, improve administrative productivity, identify problem areas, and ensure funding through appropriate reporting. As the market leader (700,000+ Michigan students), PowerSchool SIS covers all your administrative needs as scheduling, attendance, state compliance reporting, data management, faculty management, emergency/medical and health management, registration, and more. Plus, teachers love our gradebook, which is easy to use and quick.



STEP 1A: What to do if your district is not using a SIS that supports the ED-FI API

IF your districts runs an unsupported SIS, or in some cases no SIS at all:

- Michigan Student Data System (MSDS) import allows MiDataHub to be populated from the CEPI MSDS
- Not a complete set of data but provides enough data to populate the ODS in MiDataHub for the Benchmark Assessment work.
- The MSDS import process is **not recommended** for districts on a SIS capable of full integration, as those systems provide a more robust population of data
- For assistance with this process or verify if you are eligible to use this import please submit a ticket to www.miservicedesk.com



The screenshot shows the 'Add Inbound Integration' form in the Michigan DataHub interface. The breadcrumb trail at the top reads: Michigan Data Hub > Wayne RESA > Detroit Public Schools Community District (DPSCD) > Add Integration. The user is logged in as operationsmanager@operationscockpit.com. The form fields are as follows:

- System Type: Student Information System (dropdown)
- Vendor: State of Michigan - CEPI (dropdown)
- System: MSDS - v1 (dropdown)
- Profile Type: None (dropdown)
- Year: Current Year (dropdown)

The 'Source' section includes a 'Source' text field and a 'Location Type' section with radio buttons for 'Local' and 'Remote'. The 'Schedule' section includes a 'Schedule' text field and a 'Run at next available cycle:' checkbox.



Ensure one or more MDE-Identified Assessments is integrated with MiDataHub - Curriculum Associates i-Ready (API Integration)

1. If this integration was configured in previous years it should be available still under API section.
2. If this integration has not been configured previously please follow the steps in the [i-Ready Product Catalog Page](#) to create the integration
3. Contacts (non-technical):
 1. Vicki Halstead, vhalstead@cainc.com, 989-577-0305
 2. Jeff Tompkins, jtompkins@cainc.com, 313-316-0141
4. Eligible for the per membership in grades K-8 funding



Manage API Integration

System Type: Assessment System
Vendor: Curriculum Associates
System : i-Ready
Authorization URL : <https://apihub.midatahub.org:443/ODS/oauth>
API Endpoint URL : <https://apihub.midatahub.org:443/ODS/data/v3>
Namespace Prefix : uri://cainc.com/
Key :
Secret : ***** Test API Connection
Profile : Assessment
Status : Active
Permit Access to OneRoster API : [Add Application Username](#)
Allow UIC Auto Creation :
Allow Portable Record Retrieval :

Usage [Usage Summary](#) [Exceptions](#)

STEP 2: Ensure one or more MDE-Identified Assessments is integrated with MiDataHub - DRC

1. The DRC Smarter Balanced Interim (Grades 3-5) and Early Literacy and Mathematics Benchmark Assessments(Grades K-2) integration is an API integration
2. If this integration was configured in previous years it should be available still under API section.
3. If this integration has not been configured previously please follow the steps in the [DRC Product Catalog Page](#) to create the integration
4. Contacts (non-technical):
 1. Christi Linton, Clinton@datarecognitioncorp.com, 301-865-9859
 2. Smarter interims, misupport@datarecognitioncorp.com, 877-560-8378 option 1
 3. Early Literacy and Math, mde-oeaa@michigan.gov, 877-560-8378 option 2
5. Available at no cost to districts



STEP 2: Ensure one or more MDE-Identified Assessments is integrated with MiDataHub - NWEA

1. This integration has been deactivated by the team at Michigan Data Hub
2. PLEASE don't reactivate it as we are testing the import process
3. The NWEA MAP integration is a file-based inbound integration
4. Follow the steps in the [NWEA Product Catalog Page](#) to ensure NWEA data populates the MiDataHub ODS
5. Verify the NWEA integration is active
6. NWEA requires a Data Sharing Agreement to be authorized by Superintendent.
 1. Updated agreement needed authorization during Fall 23.
 2. If your district has completed this already, disregard
 3. MiDataHub team is working with NWEA to notify districts that need agreement in place.
7. Contact:
 1. Questions on Data Sharing Agreement - Caren Frykland - caren.frykland@nwea.org
 2. Non Technical Contact - Fay Hartman fay.hartman@hnhco.com
8. Eligible for the per membership in grades K-8 funding



NWEA Data Flow

- Integration unavailable while testing
- currently an inbound integration
- working towards an API
- Only MiDataHub configures this integration currently.
- any questions please contact us at www.miservicedesk.org

Inbound Integrations

[\(show all\)](#)

- [Assessment System: Measures for Academic Progress \[MAP\] Distributed 2 \(current\)](#)
- [Add Integration](#)



STEP 2: Ensure one or more MDE-Identified Assessments is integrated with MiDataHub - STAR (Inbound Integration)




1. Follow the steps in the [Star Assessments Product Catalog Page](#) to create the integration
2. One time Data Sharing Agreement needs to be authorized with STAR
3. Support: Renaissance Support - <https://www.renaissance.com/request-support/>
4. Non technical contact - Sarah Terry sarah.terry@renaissance.com
5. Eligible for the per membership in grades K-8 funding

***Please ensure the District and School ID's are added in the Renaissance data setup. Ensuring they are added will ensure you meet the deadline and remain eligible for reimbursement. This step can be found on page 13 of the configuration guide [found here](#).



Step Two Adding District and School IDs*

Navigate to Manage Apps & Users

- 7 Select Districts & Schools

- 8 Select District details tab and enter the State Number value

- 8 On the District & Schools page, select the Schools tab, select a specific school and enter the state number value


*District and School IDs may already be loaded in your platform

RENAISSANCE ©Copyright 2021 Renaissance Learning Inc. All rights reserved. 21

STEP 4: Verify the Extended Benchmark API exists in MiDataHub cockpit

The Extended Benchmark API confirms your districts participation with the Benchmark Assessment Legislation and allows the Michigan Education Data Center and Educational Policy Innovation Collaborative to compute the aggregates based on the assessment data you have selected to use for this work.

To confirm if this integration exists follow the steps below:

- Step 1:** As a Technical Contact login to the Michigan Data Hub cockpit.
- Step 2:** Navigate to your districts MiDataHub cockpit
- Step 3:** Scroll to the API Integrations section (bottom right corner of screen) and verify if this integration exists by looking for the integration labeled: Educational Analytics: Extended Benchmark Studies 1
- Step 4:** If the integration exists, no further action is required with this section. If not Proceed to next slide.

API Integrations
(show all)

- Food Service: Meal Magic 1
- Assessment System: i-Ready 1
- Student Information System: PowerSchool 1
- Data Warehouse: Eidex Insights 1
- State-Sourced System: Assessment Importer 1
- Data Warehouse: EVAAS 1
- State-Sourced System: EEM 1
- Educational Analytics: Edlusion 1
- Educational Application: STEMscopes Math/Science 1
- Educational Analytics: Read by Grade 3 Research 1
- Educational Analytics: Return to Learn Aggregation 1
- Behavior Tracking System: BHWorks 1
- Educational Analytics: Resonar Education 1
- Educational Analytics: Extended Benchmark Studies 1
- Career Planning: Xello 1
- Add Integration



STEP 4: Creating the Extended Benchmark API exists in MiDataHub cockpit

The Extended Benchmark API confirms your districts participation with the Benchmark Assessment Legislation and allows the Michigan Education Data Center and Educational Policy Innovation Collaborative to compute the aggregates based on the assessment data you have selected to use for this work.

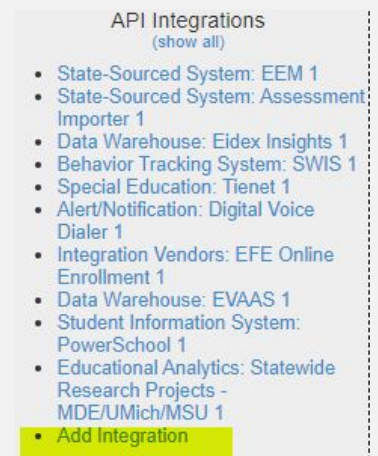
Step by step instructions on configuring this API are located on the [product catalog page](#) at MiDataHub.org

Step 1: Login to MiDataHub by navigating to <https://launchpad.midatahub.org/> , select your district from the list, and login either using your local districts credentials (if federated to the SSO) or your MiDataHub Login (not federated to the SSO)

Step 2: Navigate to your districts MiDataHub cockpit

Step 3: Scroll to the API Integrations section (bottom right corner of screen) and click on the Add Integration link

Step 4: Follow the instructions found at [MEDC/EPIC Aggregation API \(midatahub.org\)](https://midatahub.org/MEDC/EPIC/Aggregation/API)



MODE OF INSTRUCTION

- ▶ Legislation calls for districts to provide the Mode of Instruction in their aggregates
 - ▶ **FULLY IN-PERSON:** Students in this subgroup primarily received instruction in a fully in-person/face-to-face format.
 - ▶ **HYBRID:** Students in this subgroup primarily received instruction a hybrid format where a portion of their instruction was provided in-person and a portion was provided remotely (e.g., half-day in-person and half-day remote, alternating one day in-person then one day remote, etc.).
 - ▶ **FULLY REMOTE:** Students in this subgroup primarily received instruction in a fully remote or virtual format.
- ▶ This requires knowing the status of each student during the Fall and End of Year assessment windows
- ▶ Focus is on the PRIMARY mode of instruction, or the status for each student overall. We know this can change on a daily basis due to many factors.



STEP 3 – Benchmark Assessment legislation Feature -

ENSURE THE CURRENT SCHOOL YEAR is selected in the MiDataHub cockpit:

Agreements ▾ Inventory ▾ Reports ▾ Utilities ▾ MSDS ▾ MiLearn ▾ State System ▾ Features ▾

Manage District: **Western Springs School District**

Region : Michigan Data Hub

ISD/Intermediate District Code



District

District Type

Address

URL

Current School Year : 2024-2025 (populated) ▾

SFTP Password :   District Folder

Integration Server : HUB-WORKER302

District Status : Active ▾



STEP 3 – Benchmark Assessment Legislation Feature

Data Hub Cockpit > Features > Benchmark Assessment Legislation

The screenshot shows the Michigan Data Hub Management Portal. At the top left is the DataHub logo and the text "Michigan Data Hub >". At the top right, it says "Management Portal" and "Hello kevin.bullard@kresa.org! Log off". Below the header is a navigation bar with several menu items: Agreements, Inventory, Reports, Utilities, MSDS, MiLearn, State System, and Features. The "Features" menu is open, showing a list of options: MSDS, MICIP, Benchmark Assessment Legislation (highlighted with a blue bar and a mouse cursor), MiDataHub Data Quality, and Michigan Data Exchange. Below the navigation bar, the "Manage District:" section is visible, showing fields for Region (Michigan Data Hub), ISD/Intermediate District Code, District, District Type, Address, and URL.



STEP 3 – Benchmark Assessment legislation Feature

1. **Make sure current school year is selected in the cockpit.**
2. **SIS:** Confirms if a Student Information System API is configured.
3. **Assessment** - At least one of the 4 MDE Identified Assessments is configured
4. **Benchmark Assessment legislation** - confirms if the Extended Benchmark API is configured
5. **Data Readiness Status Current Year** - confirms the number of **assessment records** for each of the MDE identified assessments AND the number of **Mode of Instruction records** in the ODS.



Benchmark Assessment Legislation Status

Links

- [Benchmark Assessment Legislation Readiness Dashboard Checklist](#)

Checks

Required

Integrations in MiDataHub cockpit

- ✔ [SIS - 1 passed](#)
 - ✔ Student Information System - Found SIS integrations: PowerSchool
- ✔ [Assessments - 1 passed](#)
 - ✔ At least 1 Applicable MDE Identified Assessment enabled - Assessment Integrations: i-Ready
- ✔ [Benchmark Assessment Legislation - 1 passed](#)
 - ✔ Benchmark Assessment Legislation - Found integration(s): Extended Benchmark Studies

Data Readiness Status-Current Year

- ✔ [Data Readiness Status - 1 passed - 9 info](#)
 - ✔ Students With Assessment Scores without UIC - All Student Assessment Score results have a UIC Associated
 - ❗ Students With NWEA Assessments, Beginning of Year - NWEA Assessment integration not configured
 - ❗ Students With NWEA Assessments, End of Year - NWEA Assessment integration not configured
 - ❗ Students With Renaissance Star Assessments, Beginning of Year - Star integration not configured
 - ❗ Students With Renaissance Star Assessments, End of Year - Star integration not configured
 - ❗ Students With i-Ready Assessments, Beginning of Year - 482 i-Ready assessment records exist for the 521 students in grades where the i-Ready assessment was given. - Assessment records by grade level: 00 - 51, 01 - 57, 02 - 56, 03 - 46, 04 - 51, 05 - 49, 06 - 50, 07 - 71, 08 - 51
 - ❗ Students With i-Ready Assessments, End of Year - 433 i-Ready assessment records exist for the 521 students in grades where the i-Ready assessment was given. - Assessment records by grade level: 00 - 51, 01 - 56, 02 - 57, 03 - 46, 04 - 53, 05 - 47, 06 - 52, 07 - 69, 08 - 2
 - ❗ Students With DRC Assessments, Beginning of Year - DRC integration not configured
 - ❗ Students With DRC Assessments, End of Year - DRC integration not configured
 - ❗ Mode Of Instruction - | FULLY IN-PERSON: 1, 100%

TIMELINES – WORKING BACKWARD

Start of School Year:

- Configure district SIS to publish data
- Ensure superintendent is correct
- Ensure Assessment used for Benchmark Assessment integration is configured
- Ensure Extended Benchmark API is configured

30 days of test administration:

Provide Mode of Instruction data

7 days after assessments are delivered:

Review/verify assessment data is publishing to MiDataHub

Early November through early December:

Complete the Benchmark Assessment reporting and funding application in NexSys



Deadlines For Funding

- **Fall 2024 Deadlines**

- **December 6, 2024**

- Benchmark assessment data received by Michigan Data Hub
- Mode of Instruction data received by Michigan Data Hub
- Benchmark Reporting and Funding Application submitted in NexSys

(application will tentatively be available Nov. 8 - Dec. 6, 2024)

- **Spring 2025 Deadlines**

- **June 13, 2025**

- Benchmark assessment data received by Michigan Data Hub
- Mode of Instruction data received by Michigan Data Hub



1. **Benchmark Assessment Feature (Slide 37)**
2. [MDE Spotlight](#)
3. [MiDataHub newsletter](#)
4. [2024-25 Benchmark Assessment Fact Sheet and FAQ](#)
5. [Benchmark Assessment web page](#)
6. [Michigan DataHub support](#)
7. **MDE Support**



THANKS FOR ATTENDING

