

MDE Ed-Fi API 2023-2024 Release Announcement

What's new for MDE's Ed-Fi API for 2023-2024

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- MDE Ed-Fi API Data Collection Changes for 2023-2024
 - The focus this year is fixing current data collection issues, not adding new collections.
 - Implemented in MDE's Ed-Fi Test Sandbox environment for 2023-2024.
- Updates on Additional MDE Data Collections Using Ed-Fi
- Ed-Fi API 2023-2024 Release Status
- Ed-Fi API 2023-2024 Implementation & Certification Deadlines

MDE's 2023-2024 Ed-Fi Test Sandbox is still undergoing testing and is expected to be available this week.

Change #1: EE-MARSS Program Ambiguity Resolution

Summary: Standardize data collection of student Early Education program data distinct from student school enrollment data. This change replaces the need for the “Early Education Disambiguation Workaround” which is documented in GitHub:

https://github.com/mn-mde-edfi/MDE-EdFi-Documentation/blob/master/early_ed_disamb_work.md

Problem: When the same student is enrolled in both a non-MARSS Early Education program and a MARSS Early Education program at the same school at the same time period. **Ed-Fi does not allow two StudentSchoolAssociation records for the same student at the same school with the same begin date.**

Solution: Change how Grade Level is sent to Ed-Fi for Early Education program enrollment. We still need enough context information in Ed-Fi to allow the data extraction process from Ed-Fi to generate the Early Education program enrollment records to send (or not send) to MARSSWES.

EE-MARSS Program Ambiguity Resolution Example

StudentSchoolAssociation record

Student ID	School ID	Entry Date	Exit Withdraw Date	Entry Grade Level
0123123456789	010123012	09/01/2021		EE

In Ed-Fi, student enrollment in any EE program is reported with grade level "EE". All EE program details are reported in student program association records.

StudentEarlyEducationProgramAssociation records

Student ID	School ID	Ed-Fi EE Program Type	Begin Date	End Date	Reason Exited	Program Section
0123123456789	010123012	EE-ECFE	09/01/2021			
0123123456789	010123012	EE-SR	09/01/2021			
0123123456789	010123012	EE-SR+	09/01/2021			A-J
0123123456789	010123012	EE-ECSE	09/01/2021			
0123123456789	010123012	EE-VPK	09/01/2021			A-J

StudentEarlyChildhoodScreeningProgramAssociation record

Student ID	School ID	Ed-Fi EE Program Type	Begin Date	End Date	EC Screening Exit Status
0123123456789	010123012	EE-ECS	09/01/2021		

This is NOT a change to MARSS. EE program data in Ed-Fi will be translated into the existing MARSS format for loading into MARSSWES.

EE-MARSS Program Ambiguity Resolution Summary

Early Education Program	MARSS Grade Level	Current Ed-Fi Grade Level	Proposed Ed-Fi Grade Level	Ed-Fi Student Program Association & Program Type
Preschool Screening	PS	PS	EE	StudentEarlyChildhoodScreeningProgramAssociation, ProgramType = "EE-ECS" (replaces "Early Childhood Screening")
Early Childhood Family Education (ECFE)	n/a	EE	EE (no change)	StudentEarlyEducationProgramAssociation, ProgramType = "EE-ECFE" (existing)
School Readiness (SR)	n/a	EE	EE (no change)	StudentEarlyEducationProgramAssociation, ProgramType = "EE-SR" (existing)
School Readiness Plus (SR+)	RA – RJ	RA – RJ	EE	StudentEarlyEducationProgramAssociation, ProgramType = "EE-SR+" (new) ProgramSection = "A" – "J"
Early Childhood Special Education (ECSE)	EC	EC	EE	StudentEarlyEducationProgramAssociation, ProgramType = "EE-ECSE" (new)
Voluntary Pre-Kindergarten	PA – PJ	PA – PJ	EE	StudentEarlyEducationProgramAssociation, ProgramType = "EE-VPK" (new) ProgramSection = "A" – "J"

EE-MCCC Program Types MCCC-EI, MCCC-ECSE, and MCCC-VPK are also replaced by the EE Program Types.

MARSS Calendars also use grade levels PA..PJ and RA..RJ. We are currently investigating the impact of this change to the Ed-Fi Calendar resource.

Change #2: MARSS-A Calendar Type

Summary: Add calendar type for identifying which calendar records should be used for loading into MARSSWES associated student enrollment records.

Problem: Many districts configure more than one calendar record in their SIS for the same school at the same grade level. Ed-Fi will accept all the calendar records synced from the district SIS. **However, MARSSWES does not allow two calendar (MARSS A) records for the same school with the same grade level.**

Solution: Add a “MARSS-A” CalendarType descriptor value specifically for identifying which calendar records are to be used for MARSSWES. The district SIS user will need to select which CalendarType should be used for each calendar record. Only calendars identified as “MARSS-A” will be loaded to MARSSWES.

MARSS-A Calendar Type Example

SchoolId	Grade Levels	Instructional Days	Length of Day	Calendar Code	Calendar Type Descriptor
555509010	9, 10, 11	172	379	050	MARSS-A
555509010	9, 10, 11	172	379	012	School/Grade Characteristics
555509010	12	167	379	050	MARSS-A
555509010	12	167	379	012	School/Grade Characteristics

- MDE is piloting this change in Spring 2023 with a single school district to validate the data processing and calculations from Ed-Fi to MARSS.
- **Until this pilot is complete, please hold off from implementing this change for the 2023-2024 school year.** MDE will announce the results of this pilot and plans for 2023-2024 to SIS vendors later this spring.

Possible Change: Multi-Year Ed-Fi API Key & Secret

Summary: Allow the same Ed-Fi API key and secret to be used to sync data to MDE for multiple school years.

Problem: MDE's Ed-Fi API currently requires districts to get a new Ed-Fi API key & secret each year to connect to and sync data to the Ed-Fi API for that year. **This requirement has imposed significant administrative overhead on districts and delayed many districts onboarding to the Ed-Fi API for the new year.**

Solution: This year-specific Ed-Fi API key and secret was a customization to the Ed-Fi API that was implemented specifically for MDE. MDE is now considering possible removing this customization for the 2023-2024 school year to ease the burden on districts. MDE will provide more information later this spring.

Update on Minnesota Common Course Catalog in Ed-Fi

MCCC will continue to be a priority for the 2023-24 scope using Ed-Fi.

Work will focus on validations and preparing districts to submit data via Ed-Fi in anticipation of future federal accountability requirements.

Update on Data Collections Placed On Hold for 2022-2023

None of the data collections that were placed On Hold for 2022-2023 are planned for collection using the Ed-Fi API in 2023-2024. MDE's Ed-Fi Program Team is working with MDE program areas to prepare them for future rollout of each of these data collections using Ed-Fi.

- Language Academic Honors
- Online Learning Course Completion
- Student Gender Identity
- Student Preferred Name
- Student Preferred Pronoun
- Student Crisis Events – Displaced Student Indicator
- Student Neglected or Delinquent Program
- Title I Part A School Designation
- Virtual School Status Indicator

Ed-Fi API 2023-2024 Release Status

Student Information System (SIS) vendors who are already certified on MDE's Ed-Fi System for the 2022-23 school year should prepare for implementation of the data collection changes for the 2023-24 school year.

- [2023-24 Ed-Fi Test Sandbox Environment](#) is available with the following profiles:
 - **Minnesota-Twenty-Three-Twenty-Four-SISVendor-Profile**
 - Minnesota-Twenty-Two-Twenty-Three-SISVendor-Profile
 - Minnesota-Preview-SISVendor-Profile, *which includes additional implemented data elements not yet scheduled for rollout*
- [2023-24 Ed-Fi API Documentation](#) is available on GitHub.
- [2023-24 Ed-Fi API SDK](#) is **NOT YET** available on GitHub.

Ed-Fi API 2023-24 Implementation and Certification Deadlines

SIS vendors must complete MDE's vendor certification process for 2023-2024 Ed-Fi API changes.

The deadline for SIS vendor implementation of MDE's Ed-Fi API for 2023-2024 is:

June 16, 2023

Thank You!

Please send any feedback and questions to:
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