

# Michigan Ed-Fi Data v3.1 - Student Cohort Associations

Last Modified on 10/21/2024 8:20 am CDT

This entity represents any type of list of designated students for tracking, analysis, or intervention.

## Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a Student is assigned to an Instruction Mode program that is reported as a Cohort in the configured year and they have a valid Student School Association in the current scoped year.
Put	The end date is updated on the Student's Program tab.
Delete/Post	If any part of the Natural Key changes: <ul style="list-style-type: none"> <li>• Begin Date</li> </ul>
Delete/Post	When the student has two of the same flags with the same start date and 1 record is deleted, the remaining records data will post.
Delete	If the Program Participation record is Deleted.

## School Exclude, Calendar Exclude, Resource Toggle and Resync Logic

This table describes the School Exclude, Calendar Exclude, Resource Toggle and Resync logic of this object.

Action	Trigger
None	If a resource is toggled to 'OFF' after data has sent, all sent data will remain in the ODS but no new data will send.
Resync	If a record is in the Ed-Fi Identity Mapping table and not in the ODS, it will be deleted from the Ed-Fi Identity Mapping table.
Resync	If a record is in the ODS and it does not have a matching record in Campus or the Ed-Fi Identity Mapping table, it will be deleted from the ODS.
Resync	If a mapping is changed in Resource Preferences, a resync will need to be done to reflect the changes.

# Natural Key Changes, Cascading Updates, and Deletes Logic

This table describes the Natural Key Changes/Cascading Updates and Deletes logic of this object.

Action	Trigger
Post	When an Instruction Mode record is added to a student with Instruction Mode = 01, 02, or 03 and Start Date within Scope Year.
Put	A change made to End Date.
Delete/Post	A change made to: Instruction Mode, Start Date.
Delete	If Instruction Mode record is deleted.

## Scope Year Logic

This table describes scope year logic of this object.

Logic
<p>The record will send to the scope year for the school year the program record is associated with.</p> <ul style="list-style-type: none"> <li>Data will only send for years that have valid configuration.</li> </ul>

## Identity Mapping Object Key

This table describes the Event Queue Detail of this object.

campusObjectType	Object Key Data Source
ProgramParticipation	participationID

## Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
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Campus Table	Ed-Fi Action	Fields
programParticipation	Post	The primary table used for sending data for this resource.

## Object Data Elements

Data Element Labels in bold are part of the Natural Key and are required data elements for data to send to Ed-Fi.

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
id	The unique identifier of the resource.		M		
<b>beginDate</b>	The month, day, and year on which the Student was first identified as part of the Cohort.	1. Reports the Start Date.	M	Student Information> Program Participation> State Programs > Instruction Mode	
<b>cohortReference</b>	A reference to the related Cohort resource.	1. Reports the Natural Key of the Cohort resource.	M		
<b>studentReference</b>	A reference to the related Student resource.	1. Reports the Natural Key of the Student resource.	M		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
endDate	The month, day, and year on which the Student was removed as part of the Cohort.	<ol style="list-style-type: none"> <li>1. Reports the End Date.</li> <li>2. If NULL, do not report.</li> </ol>	C	Student Information> Program Participation> State Programs> Instruction Mode	
sections	The Cohort representing the subdivision of students within one or more sections. For example, a group of students may be given additional instruction and tracked as a cohort.	<ol style="list-style-type: none"> <li>1. This is optional, does not report.</li> </ol>	O		
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