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

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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: • Begin Date
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
The record will send to the scope year for the school year the program record is associated with.   Data will only send for years that have valid configuration.

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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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		
beginDate	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	
cohortReference	A reference to the related Cohort resource.	1. Reports the Natural Key of the Cohort resource.	M		
studentReference	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.	1. Reports the End Date. 2. If NULL, do not report.	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.	1. This is optional, does not report.	O		
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