

# Michigan Ed-Fi Data v3.1 - Cohorts

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Tool Search: Ed-Fi

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	<p>When an Instruction Mode record is added to a student with Instruction Mode = 01, 02, or 03 and Start Date within Scope Year.</p> <ul style="list-style-type: none"> <li>Only a single record is needed for each instruction mode (01, 02, 03). Check to see if record already exists before posting additional resources. There should be 3 total to use as references in StudentCohortAssociation.</li> </ul>

## 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.
Delete	If a resource is toggled to 'OFF' after data has sent and an action is performed that would trigger a delete, that data will remain in the ODS until a resync is done.
Resync	If a Calendar Event 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 Calendar Event 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/Delete	Natural Key change: N/A - program ID cannot change.
Delete	<p>The following resources will be deleted/reposted:</p> <ul style="list-style-type: none"> <li>Student Cohort Associations &amp; Staff Cohort Associations</li> <li>If a mapping to the Ed-Fi Cohort Type Descriptor is removed or changed, a resync must be completed on 'All Schools' to delete/repost Student &amp; Staff Cohort Associations. If only 1 school is selected, only Student &amp; Staff Cohort Association records associated with that school will be updated and the Cohort will remain until a resync on 'All Schools' for Cohorts is completed.</li> </ul>

## 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>

## Resource Preferences

This table describes the Resource Preferences of this object.

Data Element Label	Mapping Needed
Program Category	cohortScopeDescriptor
Programs	cohortTypeDescriptor

## Identity Mapping Object Key

This table describes the Identity Mapping Object Key of this object.

campusObjectType	Object Key Data Source
Program	programID

## Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
programs	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
<b>id</b>	The unique identifier of the resource.		M		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
<b>cohortIdentifier</b>	The name or ID for the cohort.	Report the name of the cohort. <ul style="list-style-type: none"> <li>If Instruction Mode = 01, report 'FULLY IN-PERSON'.</li> <li>If Instruction Mode = 02, report 'HYBRID'.</li> <li>If Instruction Mode = 03, report 'FULLY REMOTE'.</li> </ul>	M	Program Admin > Programs > Program > Program Name	program. programName
<b>educationOrganizationReference</b>	A reference to the related Education Organization resource.	Report the the State District Number.	M	System Administration > Resources > District Information > State District Number	district.numbe
academicSubjectDescriptor	The subject for an academic intervention (e.g., science, mathematics).	This field is optional, does not report.	O		
cohortDescription	The description of the cohort and its purpose.	<ol style="list-style-type: none"> <li>Report text in the Description field.</li> <li>If blank, do not report.</li> </ol>	O	Program Admin > Programs > Programs > Description	program. description

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
cohortScopeDescriptor	The scope of cohort (e.g., campus, district, classroom).	<ol style="list-style-type: none"> <li>1. Report the mapped Ed-Fi Code from Resource Preferences.</li> <li>2. If a Category is not selected on the cohort or the Ed-Fi Code is NULL, do not report.</li> </ol>	O	Program Admin > Programs > Programs > Category	program. program Category
cohortTypeDescriptor	The type of the cohort (academic intervention, attendance intervention, discipline intervention, breakout session, etc.).	<ol style="list-style-type: none"> <li>1. Always reports as "Other"</li> </ol> Namespace: "uri://ed-fi.org/CohortTypeDescriptor"	M		
programs	An unordered collection of cohortPrograms. The optional program associated with this cohort (e.g., Special Education).	This field is optional, does not report..	O		
etag			O		

## Type/Descriptor

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