

# Michigan Ed-Fi Data v3.1 - Student Education Organization Association

Last Modified on 10/22/2022 10:24 am CDT

**Classic View:** System Administration > Ed-Fi

**Search Terms:** Ed-Fi

This association represents student information that is specific to a student's relationship with an Education Organization.

## Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When an enrollment is created and saved for a person and the enrollment overlaps a configured year. <ul style="list-style-type: none"> <li>Do not send a record if enrollment is in a calendar marked as State Exclude.</li> <li>Do not send a record if enrollment is in a School marked as State Exclude.</li> <li>Do not send a record if the No Show checkbox is checked on the enrollment.</li> </ul>
Put	When any student data is edited for the person in the Data Elements fields below: <ul style="list-style-type: none"> <li>When the person's identity record is changed: Race/Ethnicity, Gender, Home Primary Language, US Entry Type.</li> <li>When one of the person's household locations is updated/changed: Mailing, Private.</li> <li>When one of the person's household memberships is added/deleted/changed: Start Date, End Date, Private.</li> <li>When any data in the address the student is associated with change: PO Box, Number, Prefix, Street, Tag, Direction, Apt, City, State, Zip</li> <li>When a student's contact information is changed: email, phone number: Email, Other Phone, Work Phone, Cell Phone, Pager, Private.</li> <li>When any of the Student Characteristics change: <ul style="list-style-type: none"> <li>Unaccompanied Youth: A student has a Homeless record that overlaps the configured year, Start/End Dates are changed so record no longer overlaps configured year, the record is deleted, the Unaccompanied Youth field is changed, the Runaway checkbox is checked or unchecked.</li> </ul> </li> <li>When a change is made to a program.</li> <li>When a change is made to Date Entered US School.</li> </ul>
Delete	This record will delete if the student no longer has an eligible enrollment in the District.
Delete	If the enrollment is marked as a No Show.

## Resource Toggle and Resync Logic

This table describes the Resource Toggle and Trigger logic of this object.

Action	Business Rule
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	Business Rule
Post/Delete	Natural Key Change: If the District Number/Ed-Fi District Number changes, a delete/post will occur with the cascading deletes from the LEA ID Change triggers. If an Ed-Fi ID changes, this will happen with the cascading deletes from the Ed-Fi ID Change trigger.
Delete	Cascading Deletes: N/A - no dependent resources

## 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 enrollment is associated with.</p> <ul style="list-style-type: none"> <li>The enrollment must overlap with the scope year to report.</li> <li>Data will only send for the years that have valid configuration.</li> </ul>
<p>When using data in Campus that has a single date, the following logic will be applied to determine the scope year(s) to report the data to.</p> <ul style="list-style-type: none"> <li>Current Year: Records will be compared to today's date to determine if the record is eligible to report.</li> <li>Previous Years: The record's date must be on or before the schools year's end date defined in the School Years editor. If blank, the default date of 6/30/xxxx is used.</li> <li>Future Years: The record's date must be on or after the schools year's start date defined in the School Years editor. If blank, the default date of 7/01/xxxx is used.</li> </ul>
<p>When using data in Campus that have start and end dates, the following logic will be applied to determine the scope year(s) to report the data to.</p> <ul style="list-style-type: none"> <li>Current Year: The records start date must be on or before today's date and the records end date must be on or after today's date.</li> <li>Previous Years: The record's start date must be on or before the school year's end date and the record's end date must be after the school year's end date defined in the School Years editor. If blank, the default date of 6/30/xxxx is used.</li> <li>Future Years: The record's start date must be on or before the schools year's start date and the record's end date must be on or after the school year's start date defined in the School Years editor. If blank, the default date of 7/01/xxxx is used.</li> </ul>

## Resource Preferences

This table describes the Resource Preferences of this object.

Data Element Label	Mapping Needed
Race Descriptor	Race/Ethnicity
Primary Nighttime Residence	Homeless Primary Nighttime Residence

## Identity Mapping Object Key

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

campusObjectType	Object Key Data Source
Person	personID

## Object Data Elements

This table describes data elements sent within the Student Education Organization Association resource.

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		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
<b>educationOrganizationId</b>	The identifier assigned to an education organization.	1. Report reference to the Local Education Agency.	M		
<b>studentReference</b>	A unique alphanumeric code assigned to a student.	1. Reports the natural key of the Students resource.	M		
addresses	The set of elements that describes an address, including the street address, city, state, and ZIP code.	<p>1. Reports the most current Primary address that is marked as "Mailing".</p> <ol style="list-style-type: none"> <li>1. If more than 1 Primary Address marked as Mailing, report address with most recent Household Membership Start Date.               <ol style="list-style-type: none"> <li>1. Else, report the address with most recent Address Start Date.</li> </ol> </li> <li>2. Do not report if the Address Location Detail or Household Membership is marked as "Private".</li> </ol> <p>2. Determine the eligibility of records by looking at the Scope Year section.</p> <p>3. See Array section below for data logic for each field.</p>	O	Household Addresses> Mailing  Household Membership> Start Date  Household Addresses> Start Date	HouseholdLo HouseholdMe Householdloc
cohortYears	The type and year of a cohort (e.g., 9th grade) the student belongs to as determined by the year that student entered a specific grade.	1. This is optional, does not report.	O		
disabilities	The disability condition(s) that best describes an individual's impairment, as determined by evaluation(s) conducted by the education organization.	1. This is optional, does not report.	O		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
electronicMails	The numbers, letters, and symbols used to identify an electronic mail (e-mail) user within the network to which the individual or organization belongs.	<ol style="list-style-type: none"> <li>1. Reports the email address entered for that person.               <ol style="list-style-type: none"> <li>1. Do not report if Email is marked as "Private".</li> </ol> </li> <li>2. If blank, does not report.</li> <li>3. See Array section for data logic for each field.</li> </ol>	O	Census> People> Demographics> Email	contact.emai
hispanicLatino Ethnicity	An indication that the individual traces his or her origin or descent to Mexico, Puerto Rico, Cuba, Central and South America, and other Spanish cultures, regardless of race. The term, "Spanish origin," can be used in addition to "Hispanic or Latino."	<ol style="list-style-type: none"> <li>1. Report "Is the individual Hispanic/Latino?" from the student's current identity:               <ol style="list-style-type: none"> <li>1. If droplist is = Yes, report "true".</li> <li>2. If droplist is = No, report "false".</li> </ol> </li> </ol>	O	Census>People> Identities> Is the Individual Hispanic or Latino?	identity.hispa
international Addresses	The set of elements that describes an international address.	<ol style="list-style-type: none"> <li>1. This is optional, does not report.</li> </ol>	O		
languages	The language(s) the individual uses to communicate. It is strongly recommended that entries use only ISO 639-3 language codes.	<ol style="list-style-type: none"> <li>1. See Array section below for data logic for each field.</li> </ol>	O		
limitedEnglish ProficiencyDescriptor	An indication that the student has been identified as limited English proficient by the Language Proficiency Assessment Committee (LPAC), or English proficient.	<ol style="list-style-type: none"> <li>1. This is optional, does not report.</li> </ol>	O		
loginId	The login ID for the user; used for security access control interface.	<ol style="list-style-type: none"> <li>1. This is optional, does not report.</li> </ol>	O		
oldEthnicity Descriptor	Previous definition of Ethnicity combining Hispanic/latino and race 1 - American Indian or Alaskan Native 2 - Asian or Pacific Islander 3 - Black, not of Hispanic origin 4 - Hispanic 5 - White, not of Hispanic origin.	<ol style="list-style-type: none"> <li>1. This is optional, does not report.</li> </ol>	O	N/A	N/A
profileThumbnail	File name for the ProfileThumbnail photograph.	<ol style="list-style-type: none"> <li>1. This is optional, does not report.</li> </ol>	O	N/A	N/A
programParticipations	An unordered collection of studentEducationOrganizationAssociation ProgramParticipations. Key programs the student is participating in or receives services from.	<ol style="list-style-type: none"> <li>1. See array for field specific logic.</li> </ol>	O		
racess	The general racial category which most clearly reflects the individual's recognition of his or her community or with which the individual most identifies. The data model allows for multiple entries so that each individual can specify all appropriate races.	<ol style="list-style-type: none"> <li>1. See Array section below for data logic for each field.</li> </ol>	O	Census> People> Identities> Race/ Ethnicity	IdentityRaceI and racethnicity.r

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
sexDescriptor	A person's gender.	<ol style="list-style-type: none"> <li>Report the Gender from the student's current identity record.               <ol style="list-style-type: none"> <li>This is NOT legal gender.</li> </ol> </li> <li>Report the following based on the value selected in the droplist.               <ol style="list-style-type: none"> <li>Female report 'Female'</li> <li>Male report 'Male'</li> <li>If blank or Non-binary, report 'Not Selected'.</li> </ol> </li> </ol>	M	Census>People>Identities>Gender	identity.Genc
characteristics	Reflects important characteristics of the student's home situation: Displaced Homemaker, Immigrant, Migratory, Military Parent, Pregnant Teen, Single Parent, and Unaccompanied Youth.	<ol style="list-style-type: none"> <li>See Array below for logic.</li> </ol>	O		
homelessDescriptor	This characteristic is used to identify students who lack fixed, regular and adequate residence and to indicate the student's primary nighttime residence. Students who become homeless for any period of time within the school year are eligible for all homeless services for the entire school year.	<ol style="list-style-type: none"> <li>Report Ed-Fi Code of Primary Nighttime Residence. If NULL, do not report this field.</li> <li>Homeless status needs to active within the Scope Year to report.</li> <li>If more than one status is found, report the most recent.</li> </ol>	O	Student Information > Programs > Homeless > Primary Nighttime Residence	Homeless.pri TimeResiden
raceAsOfDate	The date of the most recent change in Race.	Reports the Effective Date of Identity record if a change in federal race checkboxes or the hispanic/latino droplist is found on or before the active date/today's date.	O	Census > People > Identity > Effective Date	
schoolFoodServicesEligibilityAsOfDate	The date of the most recent change in SchoolFoodServicesEligibility.	Do not report.	O		
yearOfEntry	The four-digit calendar year in which the student first attended school in the United States.	Report year from Date Entered US School.	O	Census > People > Demographics > Date Entered US School	
msdsRaceOrders	Captures the racial group and order choice for MSDS.	<ol style="list-style-type: none"> <li>Reports student race(s).</li> <li>See array for field specific logic.</li> </ol>	O		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
identificationCodes	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to a student.	1. See Array section for reporting logic.	O		
indicators	Indicator(s) or metric(s) computed for the student (e.g., at risk) to influence more effective education or direct specific interventions.	1. This is optional, does not report.	O		
telephones	The 10-digit telephone number, including the area code, for the person.	1. See Array section for reporting logic.	O		
tribalAffiliations	An American Indian tribe with which the student is affiliated.	1. This is optional, does not report.	O		
indicators	Indicator(s) or metric(s) computed for the student (e.g., at risk) to influence more effective education or direct specific interventions.	1. See Array section for reporting logic.	O		
_etag	A unique system-generated value that identifies the version of the resource.		O		

## Array Data Elements

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