Minnesota Ed-Fi Data v3.3 - Student Education Organization Association

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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. • Do not send a record if enrollment is in a calendar marked as State Exclude. • Do not send a record if enrollment is in a School marked as State Exclude. • Do not send a record if the No Show checkbox is checked on the enrollment. • For all Enrollment-related data, if multiple Enrollments exist that overlap the SEOA record, report the data elements from the Enrollment record with the most recent start date. • For all Identity-related data, if multiple Identity records exist that overlap the SEOA record, report the data elements from the Identity record with the most recent start date.

Action	Trigger
Put	When any student data is edited for the person in the Data Elements fields below: 1. Identity Record ◦ Race / Ethnicity ◦ Home Primary Language 2. LEP Information ◦ Program Status ◦ Identified Date ◦ LEP Exit Date ◦ Parent Refused 3. Response To Intervention (RTI) Plan ◦ Locked /Unlocked ◦ Plan name changes 4. Student Characteristics ◦ Refugee ◦ Immigrant ◦ US Entry Type 5. Economic Disadvantaged ◦ SES FRAM Eligibility record overlaps the configured year and meets the criteria selected in the Economic Disadvantaged resource preferences ◦ Start / End Dates are changed so record no longer overlaps configured year, the record is deleted 6. Parent in Military ◦ A Military Connections record exists for a Guardian of the student, Start/End Dates are changed so record no longer overlaps configured year, the Guardian checkbox is checked/unchecked, the record is deleted.
Delete	This record will delete if: • Student no longer has an eligible enrollment in the District • 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.

Action	Business Rule
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 Changes • 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
A record will send to the scope year for the school year the enrollment is associated with. • The enrollment must overlap with the scope year to report. • Data will only send for the years that have valid configuration.
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. • Current Year: Records will be compared to today's date to determine if the record is eligible to report. • 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. • 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.

Logic
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. • 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. • 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. • 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.

Resource Preferences

This table describes the Resource Preferences of this object.

Data Element Label	Mapping Needed
Student Characteristic Descriptor	Career Tech Special Populations
	Economic Disadvantaged
	Foster Care
	Homeless
	Parents in Military
	US Entry Type
	Flags
Race Descriptor	Race/Ethnicity
Language Descriptor	Home Primary Language
Disability Descriptor	Disability
Limited English Proficiency Descriptor	EL Program Status

Identity Mapping Object Key

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

campusObjectType	Object Key Data Source
Person	personID

Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
enrollment	Post/Put/Delete Put	The primary table used for sending data for this resource. Reports Disabilities
identity	Put	Reports Hispanic or Latino, Gender, Home Primary Language, US Entry Type.
person	Put	Reports the Ed-FI ID.
contact	Put	Reports the Telephone and Email information.
householdlocation	Put	Determines if address is marked as Mailing or Private.
householdmember	Put	Determines household membership with Start Date, End Date, Private.
address	Put	PO Box, Number, Prefix, Street, Tag, Direction, Apt, City, State, Zip
raceethnicity	Put	Reports Races.
plantype	Put	Reports Indicators.
plan	Put	Reports Disabilities, Indicators.
planstate	Put	Reports Disabilities.
programs	Put	Reports any Characteristic created in Flags.
programparticipation	Put	Reports any Characteristic created in Flags.
Title1	Put	Reports Neglected or Delinquent.
ImpactAidEmployment	Put	Reports Parent in Military.
relatedpair	Put	Guardian checkbox for contact information and Parent in Military.
section504	Put	Reports Section 504 Handicapped.
homeless	Put	Reports Homeless, Unaccompanied Youth, Runaway.

Object Data Elements

This table describes data elements sent within the Student Education Organization Association resource. Data Element Labels in **bold** are part of the Natural Key and are required data elements for Data to send to Ed-Fi.

▸ Click here to expand...

Array Data Elements

▶ Click here to expand...

Languages

Data Element Label	Business Requirement	Business Rule	M, C, or O	Location

languageDescriptor	The language(s) the individual uses to communicate. It is strongly recommended that entries use only ISO 639-3 language codes	Report the Language from the Home Primary Language saved on the student's current identity record. • Look for a mapping saved to the Language Descriptor Override section in preferences. If there is a mapped value, report that mapping. • If an override is not there, look to see if the language standard code matches an Ed-Fi code, if yes report that value. • Report default value if saved on the Attribute and the standard code matches an Ed-Fi code. • Otherwise, report blank.	M	Census > People > Identities > Home Primary Language identity.homePrimaryLanguage

uses	A description of how the language is used (e.g. Home Language, Native Language, Spoken Language).		O	

Races

Data Element Label	Business Requirement	Business Rule	M, C, or O	Location

raceDescriptor	The general racial category which most clearly reflects the individual's recognition of his or her community or with which the individual most identifies.	1. Determine the Race/Ethnicity(s) that are checked on the student's current identity record.
		  ○ Use the Identity Race Ethnicity table to determine all of the check boxes checked for the student's current identity id.
		2. Report the Ed-Fi Code mapped to the corresponding Race Ethnicity.
		  ○ Report all races if the student has more than 1 selected.
		3. Do not report if the person does not have a Race/Ethnicity checked or there is not a corresponding mapping.
			M	Census > People > Identities > Race/Ethnicity
				
				IdentityRaceEthnicity and racethnicity.raceid

Type / Descriptors

Student Characteristics

Code Value	Description	Namespace
1	Active Duty Parent (ADP)	uri://education.mn.gov/StudentCharacteristicDescriptor
2	American Indian - Alaskan Native (Minnesota)	uri://education.mn.gov/StudentCharacteristicDescriptor
3	Migrant	uri://education.mn.gov/StudentCharacteristicDescriptor
4	Immigrant	uri://education.mn.gov/StudentCharacteristicDescriptor
5	Recently Arrived English Learner (RAEL)	uri://education.mn.gov/StudentCharacteristicDescriptor
6	Student with Limited or Interrupted Formal Education (SLIFE)	uri://education.mn.gov/StudentCharacteristicDescriptor