

# MN 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	<p>When an enrollment is created and saved for a person and the enrollment overlaps a configured year.</p> <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> <li>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.</li> <li>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.</li> </ul>

Action	Trigger
Put	<p>When any student data is edited for the person in the Data Elements fields below:</p> <ol style="list-style-type: none"> <li>1. Identity Record <ul style="list-style-type: none"> <li>◦ Race / Ethnicity</li> <li>◦ Home Primary Language</li> </ul> </li> <li>2. LEP Information <ul style="list-style-type: none"> <li>◦ Program Status</li> <li>◦ Identified Date</li> <li>◦ LEP Exit Date</li> <li>◦ Parent Refused</li> </ul> </li> <li>3. Response To Intervention (RTI) Plan <ul style="list-style-type: none"> <li>◦ Locked /Unlocked</li> <li>◦ Plan name changes</li> </ul> </li> <li>4. Student Characteristics <ul style="list-style-type: none"> <li>◦ Refugee</li> <li>◦ Immigrant</li> <li>◦ US Entry Type</li> </ul> </li> <li>5. Economic Disadvantaged <ul style="list-style-type: none"> <li>◦ SES FRAM Eligibility record overlaps the configured year and meets the criteria selected in the Economic Disadvantaged resource preferences</li> <li>◦ Start / End Dates are changed so record no longer overlaps configured year, the record is deleted</li> </ul> </li> <li>6. Parent in Military <ul style="list-style-type: none"> <li>◦ 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.</li> </ul> </li> </ol>
Delete	<p>This record will delete if:</p> <ul style="list-style-type: none"> <li>• Student no longer has an eligible enrollment in the District</li> <li>• Enrollment is marked as a No Show</li> </ul>

## 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 <ul style="list-style-type: none"> <li>• If the District Number/Ed-Fi District Number changes, a delete/post will occur with the cascading deletes from the LEA ID Change triggers.</li> <li>• If an Ed-Fi ID changes, this will happen with the cascading deletes from the Ed-Fi ID Change trigger.</li> </ul>
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. <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>
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. <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>

## 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
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<p><b>languageDescriptor</b></p>	<p>The language(s) the individual uses to communicate. It is strongly recommended that entries use only ISO 639-3 language codes</p>	<p>Report the Language from the Home Primary Language saved on the student's current identity record.</p> <ul style="list-style-type: none"> <li>• Look for a mapping saved to the Language Descriptor Override section in preferences. If there is a mapped value, report that mapping.</li> <li>• If an override is not there, look to see if the language standard code matches an Ed-Fi code, if yes report that value.</li> <li>• Report default value if saved on the Attribute and the standard code matches an Ed-Fi code.</li> <li>• Otherwise, report blank.</li> </ul>	<p>M</p>	<p>Census &gt; People &gt; Identities &gt; Home Primary Language</p> <p>identity.homePrimaryLanguage</p>
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uses	A description of how the language is used (e.g. Home Language, Native Language, Spoken Language).		O	
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### Races

Data Element Label	Business Requirement	Business Rule	M, C, or O	Location
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<p><b>raceDescriptor</b></p>	<p>The general racial category which most clearly reflects the individual's recognition of his or her community or with which the individual most identifies.</p>	<ol style="list-style-type: none"> <li>1. Determine the Race/Ethnicity(s) that are checked on the student's current identity record.             <ul style="list-style-type: none"> <li>◦ Use the Identity Race Ethnicity table to determine all of the check boxes checked for the student's current identity id.</li> </ul> </li> <li>2. Report the Ed-Fi Code mapped to the corresponding Race Ethnicity.             <ul style="list-style-type: none"> <li>◦ Report all races if the student has more than 1 selected.</li> </ul> </li> <li>3. Do not report if the person does not have a Race/Ethnicity checked or there is not a corresponding mapping.</li> </ol>	<p>M</p>	<p>Census &gt; People &gt; Identities &gt; Race/Ethnicity</p> <p>IdentityRaceEthnicity and raceethnicity.raceid</p>
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# 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

## Resource Preferences Continued

The Ed-Fi Configuration tool is used to establish Ed-Fi data resources.

The following describes how to set the resource preferences for the Student Education Organization Association resource. If the Configure or Edit buttons do not display, then the resource does not need to be mapped and the toggle button can be used to turn the resource on or off.

If a mapping is changed, a resync must be performed on the resource in order for the new mappings to send correctly. Any item not mapped will not report to Ed-Fi.

1. Indicate if the resource should report Legal Identities.

**Student Education Organization Associations**

**Active**

**Report Legal Identities when provided?**

2. Set the Student Education Organization Association Descriptors:

**Primary Learning Device Access Descriptors:** Indicates whether the student shares the device with anyone else in the household.

Digital Equity Primary Device Access	
Attribute Dictionary	System Settings > Custom Data and Links > Core Attribute/Dictionary > Digital Equity
UI Location	Student Information > State Programs > Digital Equity

**Primary Learning Device Access**

DigitalEquity Primary Device Access	Ed-Fi Code
S: Shared	Shared ▼
NS: Not Shared	Not Shared ▼
U: Unknown	Unknown ▼

**Primary Learning Device Provider Descriptors:** Indicates if the primary learning device is a personal device or a school provided device.

Digital Equity Primary Learning Device Provider	
Attribute Dictionary	System Settings > Custom Data and Links > Core Attribute/Dictionary > Digital Equity
UI Location	Student Information > State Programs > Digital Equity

**Primary Learning Device Provider**

DigitalEquity Primary Learning Device Provider	Ed-Fi Code
P: Personal	Personal ▼
S: School	School ▼
O: Other	Other ▼

**Digital Device Descriptors:** Indicates the type of device the student most often uses to complete school work at home.

### Digital Equity Primary Digital Device

Attribute Dictionary	System Settings > Custom Data and Links > Core Attribute/Dictionary > Digital Equity
UI Location	Student Information > State Programs > Digital Equity

**Digital Device**

DigitalEquity Primary Digital Device	Ed-Fi Code
DL: Desktop/Laptop	Desktop/Laptop ▼
TA: Tablet	Tablet ▼
CB: Chromebook	Chromebook ▼
SP: SmartPhone	SmartPhone ▼
NA: None	None ▼
OT: Other	Other ▼

**Race Descriptors:** The general racial category which most clearly reflects the individual’s recognition of his or her community or with which the individual most identifies.

### Race Descriptors

Attribute Dictionary	System Settings > Custom Data and Links > Core Attribute/Dictionary > Identity > Race/Ethnicity
UI Location	Census > People > Identities

**Race Descriptors**

Race Ethnicity	Ed-Fi Code
American Indian or Alaska Native	American Indian - Alaska Native: American ▼
Asian	Asian: Asian ▼
Black or African American	Black - African American: Black - African A ▼
Native Hawaiian or Other Pacific Islander	Native Hawaiian - Pacific Islander: Native I ▼
White	White: White ▼

**Student Language Override:** The language the individual uses to communicate.

The Student Language Override mapping only needs to be populated if the code does not match a code that is in the Ed-Fi Code list.

### Student Language Overrides

UI Location    Census > People > Identities

**Student Languages Override**

The code from the Language List Attribute Dictionary will report if it matches an Ed-Fi Code. Only add a record in this section if a Language List does not have a matching Ed-Fi Code and needs to be mapped to a non-matching Ed-Fi Code.

Home Primary Language	Ed-Fi Code
No records mapped.	
<input type="button" value="Add"/>	

**Ancestry Ethnic Origin Descriptors:** The general category which most clearly reflects the individual’s recognition of his or her ethnic ancestry.

### Identity Race Subcategory

Attribute Dictionary    System Settings > Custom Data and Links > Core Attribute/Dictionary > Identity > Race Subcategory

UI Location    Census > People > Identities

Identity More Detailed Hispanic/Latino Codes	Ed-Fi Code
hicolombian: Colombian	hl-colombian: Hispanic/Latino - Columbian ▼
hlecuadorian: Ecuadorian	hl-ecuadorian: Hispanic/Latino - Ecuadorian ▼
hlguatemalan: Guatemalan	hl-guatemalan: Hispanic/Latino - Guatemal ▼
hlmexican: Mexican	hl-mexican: Hispanic/Latino - Mexican ▼
hlnotindicated: Decline to indicate	hl-notindicated: Hispanic/Latino - Decline to indicate ▼
hlother: Other Hispanic/Latino	hl-other: Hispanic/Latino - Other ▼
hluuertorican: Puerto Rican	hl-puertorican: Hispanic/Latino - Puerto Rican ▼
hlsalvadoran: Salvadoran	hl-salvadoran: Hispanic/Latino - Salvadoran ▼
hlspanish: Spaniard/Spanish/Spanish-American	hl-spanish: Hispanic/Latino - Spaniard/Spanish-American ▼
hlunknown: Unknown	hl-unknown: Hispanic/Latino - Unknown ▼

Identity More Detailed Race/Ethnicity Codes	Ed-Fi Code
aicherokee: American Indian - Cherokee	ai-cherokee: American Indian - Cherokee ▼
aidakota: American Indian - Dakota/Lakota	ai-dakota: American Indian - Dakota/Lakota ▼
ainotindicated: American Indian - Decline to indicate	ai-notindicated: American Indian - Decline to indicate ▼
aiojibwe: American Indian - Anishinaabe/Ojibwe	ai-ojibwe: American Indian - Anishinaabe/Ojibwe ▼
aiother: American Indian - Other North American Indian Tribal Affiliation	ai-other: American Indian - Other ▼
aiunknown: American Indian - Unknown	ai-unknown: American Indian - Unknown ▼
asburmese: Asian - Burmese	as-burmese: Asian - Burmese ▼
aschinese: Asian - Chinese	as-chinese: Asian - Chinese ▼
asfilipino: Asian - Filipino	as-filipino: Asian - Filipino ▼
ashmong: Asian - Hmong	as-hmong: Asian - Hmong ▼
asindian: Asian - Indian	as-indian: Asian - Indian ▼
askaren: Asian - Karen	as-karen: Asian - Karen ▼
askorean: Asian - Korean	as-korean: Asian - Korean ▼
asnotindicated: Asian - Decline to indicate	as-notindicated: Asian - Decline to indicate ▼
asother: Asian - Other	as-other: Asian - Other ▼
asunknown: Asian - Unknown	as-unknown: Asian - Unknown ▼
asvietnamese: Asian - Vietnamese	as-vietnamese: Asian - Vietnamese ▼

**Internet Access In Residence Descriptors:** Indicates if the student can access the internet on their primary learning device at home.

Digital Equity Primary Internet Access in Residence	
Attribute Dictionary	System Settings > Custom Data and Links > Core Attribute/Dictionary > Digital Equity
UI Location	Student Information > State Programs > Digital Equity

Internet Access in Residence	
DigitalEquity Internet Access In Residence	Ed-Fi Code
Yes: Yes	Yes ▼
NA: No - Not Available	No - Not Available ▼
No: No - Not Affordable	No - Not Affordable ▼
Other: No - Other	No - Other ▼

**Internet Access Type In Residence Descriptors:** Indicates the type of internet access the student has at home.

Digital Equity Primary Internet Access Type in Res	
Attribute Dictionary	System Settings > Custom Data and Links > Core Attribute/Dictionary > Digital Equity
UI Location	Student Information > State Programs > Digital Equity

Internet Access Type in Residence	
DigitalEquity Primary Internet Access Type in Res	Ed-Fi Code
RB: ResidentialBroadband (DSL, Cable, Fiber)	Residential Broadband (DSL, Cable, Fiber) ▼
CN: CellularNetwork	Cellular Network ▼
HS: SchoolProvidedHotSpot	School-Provided Hot Spot ▼
SA: Satellite	Satellite ▼
DU: Dial-up	Dial-up ▼
OT: Other	Other ▼
NA: Unknown	Unknown ▼

**Internet Performance Descriptors:** Indicates the performance of the student's internet service.

Digital Equity Internet Performance	
Attribute Dictionary	System Settings > Custom Data and Links > Core Attribute/Dictionary > Digital Equity
UI Location	Student Information > State Programs > Digital Equity

Internet Performance	
DigitalEquity Internet Performance	Ed-Fi Code
Yes: Yes - No issues	Yes - No issues ▼
NC: Yes - But not consistent	Yes - But not consistent ▼
No: No	No ▼

3. Click **Save**.

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