

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

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**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	<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> </ul>
Put	<p>When any student data is edited for the person in the Data Elements fields below:</p> <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 a student's IEP is locked or unlocked and/or a student's disability is changed on the IEP, Enrollment or State Special Education tab.</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 a student's Response To Intervention Plan is locked/unlocked or the plan name changes.</li> <li>When any of the Student Characteristics change: <ul style="list-style-type: none"> <li>Asylee, Refugee, Immigrant: If the student's US Entry Type is changed.</li> <li>Displaced Homemaker, Pregnant, Single Parent: If a student's Special Population is changed.</li> <li>Foster Care: A student has a Foster Care record that overlaps the configured year, Start/End Dates are changed so the record no longer overlaps the configured year, the record is deleted.</li> <li>Economic Disadvantaged: A student has an SES FRAM Eligibility record that overlaps the configured year and meets the criteria selected in the Economic Disadvantaged resource preferences, Start/End Dates are changed so the record no longer overlaps the configured year, the record is deleted.</li> <li>Parent in Military: A Military Connections record exists for a Guardian of the student, Start/End Dates are changed so the record no longer overlaps the configured year, the Guardian checkbox is checked/unchecked, the record is deleted.</li> <li>Homeless, Unaccompanied Youth, Runaway: 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> </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
Disability Descriptor	Disability
Language Descriptor	Home Primary Language
Race Descriptor	Race/Ethnicity
Immigrant Indicator Descriptor	Immigrant
Device Access	Primary Device Access
Digital Device	Primary Digital Device
Internet Access in Residence	Internet Access In Residence
Internet Access Type in Residence	Primary Internet Access Type in Residence
Internet Performance	Internet Performance

## 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 Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database
id	The unique identifier of the resource.		M		
<b>educationOrganizationId</b>	The identifier assigned to an education organization.	Report reference to the Local Education Agency.	M		
<b>studentReference</b>	A unique alphanumeric code assigned to a student.	Reports the natural key of the Students resource.	M		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database
addresses	The set of elements that describes an address, including the street address, city, state, and ZIP code.	<p>Reports the most current Primary address that is marked as "Mailing".</p> <ul style="list-style-type: none"> <li>If more than 1 Primary Address marked as Mailing, report address with most recent Household Membership Start Date. <ul style="list-style-type: none"> <li>Else, report the address with most recent Address Start Date.</li> </ul> </li> <li>Do not report if the Address Location Detail or Household Membership is marked as "Private".</li> </ul> <ol style="list-style-type: none"> <li>Determine the eligibility of records by looking at the Scope Year section.</li> <li>See Array section below for data logic for each field.</li> </ol>	O	Household Addresses> Mailing  Household Membership> Start Date  Household Addresses> Start Date	HouseholdAddresses, HouseholdMemberships
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.	<ol style="list-style-type: none"> <li>Add four years to the school year when a student enters 9th grade.</li> <li>If the Grad Year field in Index &gt; Student Information &gt; Graduation &gt; State Reporting is populated, use this field as an override to send for the NCLB Cohort Year value.</li> </ol>	M		
disabilities	The disability condition(s) that best describes an individual's impairment, as determined by evaluation(s) conducted by the education organization.	<ol style="list-style-type: none"> <li>If the enrollment determining the record is in a School with Ed-Fi Configuration Profile = Public, do not report this array.</li> <li>Otherwise, report the Ed-Fi Code Value from the Disability Descriptor page linked below under Type/Descriptors WI based on the Ed-Fi code value for each disability the student meets.</li> <li>See the Array section above for Disabilities for full reporting requirements.</li> </ol>	O		
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>Reports the email address entered for that person. <ul style="list-style-type: none"> <li>Do not report if Email is marked as "Private".</li> </ul> </li> <li>If blank, does not report.</li> <li>See Array section for data logic for each field.</li> </ol>	O	Census> People> Demographics> Email	contactInformation

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database
hispanicLatinoEthnicity	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.""	1. Report "Is the individual Hispanic/Latino?" from the student's current identity: 1. If droplist is = Yes, report "true". 2. If droplist is = No, report "false".	M	Census>People>Identities>Date Entered US	identity
internationalAddresses	The set of elements that describes an international address.	1. This is optional, does not report.	O		
languages	An unordered collection of studentLanguages. This entity represents an individual for whom instruction, services and/or care are provided in an early childhood, elementary or secondary educational program under the jurisdiction of a school, education agency or other institution or program. A student is a person who has been enrolled in a school or other educational institution.	1. Report the Code from the Home Primary Language saved on the student's current identity record. ◦ If a match cannot be found, then report from the Ed-Fi Code field. ◦ If a match cannot be found to a valid Ed-Fi value, do not report a record. ◦ Report default value if saved on the Attribute and the code matches an Ed-Fi code. 2. See Array section below for data logic for each field.	O		
limitedEnglishProficiencyDescriptor	An indication that the student has been identified as limited English proficient by the Language Proficiency Assessment Committee (LPAC), or English proficient.	1. This is optional, does not report.	O		
loginId	The login ID for the user; used for security access control interface.	1. This is optional, does not report.	O		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database
oldEthnicityDescriptor	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.	1. This is optional, does not report.	O	N/A	N/A
profileThumbnail	File name for the ProfileThumbnail photograph.	1. This is optional, does not report.	O	N/A	N/A
programParticipations	Key programs the student is participating in or receives services from.	1. This is optional, does not report.	O		
racess	An unordered collection of studentRaces. This entity represents an individual for whom instruction, services and/or care are provided in an early childhood, elementary or secondary educational program under the jurisdiction of a school, education agency or other institution or program. A student is a person who has been enrolled in a school or other educational institution.,	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 students current identity id.</li> </ul> 2. Do not report if the person does not have a Race/Ethnicity checked.           3. See Array section below for data logic for each field.	O	Census> People> Identities> Race/Ethnicity	Identity and racethn
sexDescriptor	A person's gender.	1. Report the Legal Gender from the student's current identity record. <ul style="list-style-type: none"> <li>If null, report the student's Gender from the current Identity record.</li> </ul> 2. 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>Blank report 'Not Selected'</li> </ol>	M	Census>People> Identities>Gender	identity

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database
StudentCharacteristics	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>Report the Ed-Fi Code Value from the Student Characteristic page linked below under Type/Descriptors NE based on the mapping provided for each characteristic the student meets</li> <li>If the student has more than one enrollment, report from the Primary Enrollment. <ol style="list-style-type: none"> <li>If the student does not have a Primary enrollment, then report from the enrollments with Service Types in the the following order: <ol style="list-style-type: none"> <li>S: Ancillary Enrollment</li> <li>N: Special Education</li> </ol> </li> <li>If the student has multiple enrollments with the same service type, report from the most recent enrollment id</li> </ol> </li> <li>If a mapping is not found, do not report.</li> </ol>	O		
ImmigrantIndicatorDescriptor	Reference to the description that best reflects the student's immigrant status.	<ol style="list-style-type: none"> <li>First look at Student Information &gt; General &gt; Enrollment &gt; "Immigrant"; <ol style="list-style-type: none"> <li>If it has a value, <b>report the Ed-Fi Code and stop.</b></li> </ol> </li> <li>If it does not have a value, look at "Birth Country"; <ul style="list-style-type: none"> <li>If it is blank, <b>report out '0' and stop.</b></li> <li>If it is not blank, look to see if it is either 2330: United States, 1790: Puerto Rico, 2340: United States Minor Outlying Islands or 2310: Virgin Islands, U.S.; <ol style="list-style-type: none"> <li>If it is either of those values, <b>report out '0' and stop.</b></li> </ol> </li> <li>If it is anything else, look at "Date Entered US School"; <ol style="list-style-type: none"> <li>If it is blank, <b>report out '0' and stop.</b></li> <li>If it has a date saved, then use the following calculation to determine the output value: <ul style="list-style-type: none"> <li>If a student's "Date Entered US School" is within the current academic year, then they would report out as a '1' for all of that academic year.</li> <li>If a student's "Date Entered US School" is</li> </ul> </li> </ol> </li> </ul> </li> </ol>		Student Information > General > Enrollments > State Reporting Fields > Immigrant	Enrollm

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database
		<p>on or before September 30th for the previous academic year, report a '2'.</p> <ul style="list-style-type: none"> <li>▪ If a student's "Date Entered US School" is after September 30th for the previous academic year, report a '1'.</li> <li>▪ If a student's "Date Entered US School" is on or before September 30th from the previous 2 academic years, report a '3'.</li> <li>▪ If a student's "Date Entered US School" is after September 30th for the previous 2 academic years, report a '2'.</li> <li>▪ If a student's "Date Entered US School" is after September 30th for the previous 3 academic years, report a '3'.</li> </ul> <p>◦ Once student has progressed to a 3, report '3' for all future years.</p> <p>3. If the student has more than one enrollment, report from the Primary Enrollment.</p> <ul style="list-style-type: none"> <li>◦ If the student does not have a Primary enrollment, then report from the enrollments with Service Types in the the following order:               <ol style="list-style-type: none"> <li>1. S: Ancillary Enrollment</li> <li>2. N: Special Education</li> </ol> </li> <li>◦ If the student has multiple enrollments with the same service type, report from earliest enrollment id.</li> </ul>			



Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database
crisisEventDescriptor	A code, unique to each event, that is used to identify a crisis.	Report value selected in State Program Descriptor drop list. These values are populated based on the descriptor list by the state.  Crisis Event is a year long program. If one is entered for a student, report this program if the startDate is on or after 07/01/startYear and assume the endDate is 06/30/endYear.		Student Information > General > Program Participation > State Programs  Program Admin > Federal/State Program Updater	
displacedstudent	A student who was enrolled, or is eligible for enrollment, but has temporarily or permanently enrolled in another school or district because of a crisis-related disruption in educational services.	Report 'True' if the Displaced Indicator checkbox is marked. Report 'False' if the Displaced Indicator checkbox is not marked.		Student Information > General > Program Participation > State Programs	
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.	See Array section for reporting logic.	O		
studentIndicators	Tracks a student's digital devices and internet availability.	See Array section for reporting logic.			
indicators	Indicator(s) or metric(s) computed for the student (e.g., at risk) to influence more effective education or direct specific interventions.	See Array section for reporting logic.	O		
telephones	The 10-digit telephone number, including the area code, for the person.	See Array section for reporting logic.	O		
tribalAffiliations	An American Indian tribe with which the student is affiliated.	This is optional, does not report.	O		
_etag	A unique system-generated value that identifies the version of the resource.		O		

## Array Data Elements

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## Descriptors

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#### Primary Digital Device Descriptors

Ed-Fi Code Value	Ed-Fi Short Description
Desktop/Laptop	DL: Desktop/Laptop
Tablet	TA: Tablet
Chromebook	CB: Chromebook
SmartPhone	SP: SmartPhone
None	NA: None

#### Primary Device Access Descriptors

Ed-Fi Code Value	Ed-Fi Short Description
Personal - Dedicated	PD: Personal - Dedicated
Personal - Shared	PS: Personal - Shared
School Provided - Dedicated	SD: School Provided - Dedicated
School Provided - Shared	SS: School Provided - Shared
None	NA: None

#### Internet Access in Residence Descriptors

Ed-Fi Code Value	Ed-Fi Short Description
Yes-Internet Access in Residence	Yes: Yes-Internet Access in Residence
No - Not Available	NA: No - Not Available
No - Not Affordable	No: No - Not Affordable
No - Other	Other: No - Other

#### Internet Access Type in Residence Descriptors

Ed-Fi Code Value	Ed-Fi Short Description
Residential Broadband (DSL, Cable, Fiber)	RB: Residential Broadband (DSL, Cable, Fiber)
CellularNetwork	CN: CellularNetwork
SchoolProvidedHotSpot	HS: SchoolProvidedHotSpot
Satellite	SA: Satellite
Dial-up	DU: Dial-up
Other	OT: Other
None	NA: None

#### Internet Performance Descriptors

Ed-Fi Code Value	Ed-Fi Short Description
Yes - No issues	Yes: Yes - No issues
Yes - But not consistent	NC: Yes - But not consistent
No	No: No