

Ed-Fi Data v3.X - Student Education Organization Association

Last Modified on 10/22/2022 10:00 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	<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"> 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.
Put	<p>When any student data is edited for the person in the Data Elements fields below:</p> <ul style="list-style-type: none"> When the person's identity record is changed: Race/Ethnicity, Gender, Home Primary Language, US Entry Type. When one of the person's household locations is updated/changed: Mailing, Private. When one of the person's household memberships is added/deleted/changed: Start Date, End Date, Private. 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. When a student's contact information is changed: email, phone number: Email, Other Phone, Work Phone, Cell Phone, Pager, Private. When a student's LEP information is changed: Program Status, Identified Date, LEP Exit Date, Parent Refused. When a student's Response To Intervention Plan is locked/unlocked or the plan name changes. When any of the Student Characteristics change: <ul style="list-style-type: none"> Asylee, Refugee, Immigrant: If the student's US Entry Type is changed. Displaced Homemaker, Pregnant, Single Parent: If a student's Special Population is changed. 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. 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. 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. 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.
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
--------	---------------

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"> The enrollment must overlap with the scope year to report. Data will only send for the years that have valid configuration.
<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"> 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.
<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"> 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
Limited English Proficiency Descriptor	EL Program Status
Disability Descriptor	Disability
Language Descriptor	Home Primary Language
Race Descriptor	Race/Ethnicity

Data Element Label	Mapping Needed
Student Characteristic Descriptor	Career Tech Special Populations
	Economic Disadvantaged
	Foster Care
	Homeless
	Parent in Military
	US Entry Type
	Flags

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		
educationOrganizationId	The identifier assigned to an education organization.	1. Report reference to the Local Education Agency.	M		
studentReference	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.	<ol style="list-style-type: none"> 1. Reports the most current Primary address that is marked as "Mailing". <ul style="list-style-type: none"> ◦ If more than 1 Primary Address marked as Mailing, report address with most recent Household Membership Start Date. <ol style="list-style-type: none"> 1. Otherwise, report the primary address with the most recent Address Start Date. 2. Else, report the primary address with the highest addressID. ◦ Do not report if the Address Location Detail or Household Membership is marked as "Private". 2. Determine the eligibility of records by looking at the Scope Year section. 3. See Array section below for data logic for each field. 	O	Household Addresses> Mailing Household Membership> Start Date Household Addresses> Start Date	Household mailing Household startDate Household StartDate

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database
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. See the Array section below for Disabilities for full reporting requirements.	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.	1. Reports the email address entered for that person. 1. Do not report if Email is marked as "Private". 2. If blank, does not report. 3. See Array section for data logic for each field.	O	Census> People> Demographics> Email	contact.en
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."	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".	O	Census>People>Identities> Is the Individual Hispanic or Latino?	identity.hi
international Addresses	The set of elements that describes an international address.	1. This is optional, does not report.	O		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database
languages	The language(s) the individual uses to communicate. It is strongly recommended that entries use only ISO 639-3 language codes.	1. See Array section below for data logic for each field.	O		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database
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"> 1. If Identified Date is NULL, report blank. 2. Report the Ed-Fi code mapped to EL when student has a EL Program Status = 'EL'. <ol style="list-style-type: none"> 1. If the Parent Refused checkbox is checked, report the code mapped to 'Not EL'. 1. If 'Not EL' is not mapped report blank. 3. Report the following when the student has an LEP Program Status = Exited LEP and the Program Exit Date falls in the monitoring period and the Monitoring option is mapped in the preferences. <ol style="list-style-type: none"> 1. Report the code mapped to First Year Monitoring if today's date is on or between the EL Exit Date and the First Year Monitoring date. 2. Report the code mapped to Second Year Monitoring if today's date is after the First Year Monitoring date and on or before the Second Year Monitoring date. 4. If the LEP Program Status = Exited LEP and the Program Exit Date is NULL, report blank. 5. Else, report to code that is mapped to the student's Program Status. 6. If the student does not have a record, report blank. 	O	Student Information> Program Participation> English Learners (EL)	lep.progra lep.identifi lep.exitDa lep.parent

Data Element Label	Business Requirement	Business Rules	M, C Or O	Data Source GUI Path	Database
loginId	The login ID for the user; used for security access control interface.	1. This is optional, does not report.			
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	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.	1. See Array section below for data logic for each field.	O	Census> People> Identities> Race/Ethnicity	IdentityRa and racethnicit

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database
sexDescriptor	A person's gender.	<ol style="list-style-type: none"> Report the Gender from the student's current identity record. <ol style="list-style-type: none"> This is NOT legal gender. Report the following based on the value selected in the droplist. <ol style="list-style-type: none"> Female report 'Female' Male report 'Male' If blank or Non-binary, report 'Not Selected'. 	M	Census>People>Identities>Gender	identity.Ge
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"> See Array below for logic. 	O		
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.	<ol style="list-style-type: none"> 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.	<ol style="list-style-type: none"> See Array section for reporting logic. 	O		
telephones	The 10-digit telephone number, including the area code, for the person.	<ol style="list-style-type: none"> See Array section for reporting logic. 	O		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database
tribalAffiliations	An American Indian tribe with which the student is affiliated.	1. This is optional, does not report.	O		
_etag	A unique system-generated value that identifies the version of the resource.		O		

Array Data Elements

[▶ Click here to expand...](#)

Descriptors

[▶ Click here to expand...](#)