Arizona Ed-Fi Data v3.1 - 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. • Report one Student Education Organization Association record for every unique school enrollment; if there are multiple enrollment records tied to the same school in a configured year, report out a single Student Education Organization Association record for each unique school.

Put	When any student data is edited for the person in the Data Elements fields below:
	• 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 any data in the address the student is associated with changes: PO Box, Number, Prefix, Street, Tag, Direction, Apt, City, State, Zip
	• 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 any of the Student Characteristics change:
	  ○ 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.
	  ○ 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.

Delete	This record will delete if the student no longer has an eligible enrollment in the District.
Delete	If a student had multiple unique school enrollments, and all of the enrollments tied to a single school are deleted, then only the Student Education Organization Association record tied to that school would be removed.

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 LEA number changes, all data will remain under the old number and a resync will need to be completed to populate data under the new number. The delete tool would need to be used to remove all data from the old LEA number. If an Ed-Fi ID changes, this will happen with the cascading deletes from the Ed-Fi ID Change trigger.
Delete	Cascading Deletes: The logic for an Ed-FI ID change will update all resources impacted by this change.

Scope Year Logic

This table describes scope year logic of this object.

Logic
The 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.
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
Language Descriptor	Home Primary Language
Race Descriptor	Race/Ethnicity
Tribal Affiliation Descriptor	Identity Tribal Affiliation
Student Language Override	Home Primary Language
State Abbreviation Override	Definition US state list
Student Characteristic Descriptor	Military Status
	Economic Disadvantaged

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

Campus Table	Ed-Fi Action	Fields
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	D
id	The unique identifier of the resource.		M	
educationOrganizationId	The identifier assigned to an education organization.	1. Report the School Entity ID tied to the school record tied to each enrollment.	M	S P r
studentReference	A unique alphanumeric code assigned to a student.	1. Reports the natural key of the Students resource.	M	

Data Element Label	Business Requirement	Business Rules	M, C or O	D
addresses	The set of elements that describes an address, including the street address, city, state, and ZIP code.	1. Reports the most current Primary address that is marked as "Mailing". 　○ If more than 1 Primary Address marked as Mailing, report address with most recent Household Membership Start Date. 　　■ Else, report the address with most recent Address Start Date. 　○ Do not report if the Address Location Detail or Household Membership is marked as "Private". 2. See Business Rule S3 in Scope Year logic to determine the eligibility of records. 3. See Array section below for data logic for each field.	O	H H D H
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	N
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. This is optional, does not report.	O	N
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: 　○ If droplist is = Yes, report "true". 　○ If droplist is = No, report "false".	O	C I
internationalAddresses	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	D
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	
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	N
loginId	The login ID for the user; used for security access control interface.	1. This is optional, does not report.	O	
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
profileThumbnail	File name for the ProfileThumbnail photograph.	1. This is optional, does not report.	O	N
programParticipations	Key programs the student is participating in or receives services from.	1. This is optional, does not report.	O	
races	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	C P

sexDescriptor	A person's gender.	1. Report the Gender from the student's current identity record.
		  ◦ This is NOT legal gender.
		2. Report the following based on the value selected in the droplist.
		  ◦ Female report 'Female'
		  ◦ Male report 'Male'
		  ◦ If blank or Non-binary, report 'Not Selected'.
			M	C

characteristics	Reflects important characteristics of the student's home situation: Displaced Homemaker, Immigrant, Migratory, Military Parent, Pregnant Teen, Single Parent, and Unaccompanied Youth.	1. 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.	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. This is optional, does not report.	O	

Data Element Label	Business Requirement	Business Rules	M, C or O	D
tribalAffiliations	An unordered collection of studentEducationOrganizationAssociationTribalAffiliations. An American Indian tribe with which the student is affiliated.	1. Report the EdFi code(s) mapped in the config mapping tool if it exists, for any and all values saved in the multi-select tool. 2. If no values are saved, or if values are saved but no Config mapping exists for any of them, BUT an azTribalAffiliations value has been sent, send 'Other'. 3. Otherwise, do not report.	C	C
azTribalAffiliations	An unordered collection of studentEducationOrganizationAssociationAZTribalAffiliations. An American Indian tribe with which an individual is affiliated.	Report if no value is reported for tribalAffiliations.	C	C
_etag	A unique system-generated value that identifies the version of the resource.		O	

Array Data Elements

▶ Click here to expand...

Type/Descriptor

▶ Click here to expand...