Arizona Ed-Fi Data v3.3 - Student School Association

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Classic View: System Administration > Ed-Fi

Search Terms: Ed-Fi

This association represents the school in which a student is enrolled.

To prepare for summer withdrawal students, districts need to perform a specific setup in order to send the Student School Association resource correctly. Please see Appendix A for further details.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger

Post	When a new enrollment is saved for a student. A record will report for each distinct enrollment in a School and Enrollment Start Date where 'State Exclude' is not checked.
	• When a student has two enrollments in the same School, Calendar & Schedule Structure with the same start date, report from the enrollment service type in the following order:
	  1. P: Primary Enrollment
	  2. S: Partial/Ancillary
	  3. N: Special Ed Services
	• When an enrollment with a higher priority is deleted, the enrollment with lower priority will post a new record.
	• Do not send records if the Calendar Exclude check box is checked in the calendar the student is enrolled.
	• Do not send records if the School Exclude check box is checked in the calendar the student is enrolled.

Post	When the start date for an enrollment is changed. • When an enrollment with a lower priority is changed, data will not send.
Put	When an enrollment where 'State Excluded' is not checked is updated for a student. • When a change is made to the Graduation > NCLB Cohort End Year field. • When a student is assigned to a Graduation or CTE Program or the start and/or end dates are modified. • When a student's start status is changed. • When a student's end status is changed. • When a student's grade level is changed. • When a student's End Action is changed. • When a student's School Choice checkbox is checked or unchecked. • When a student's Resident District field is changed. • When a students Service Type is changed. • When the Calendar reference is changed due to a Natural Key update on the Calendars resource.
Delete	When an enrollment is deleted. • When a student has two enrollments in the same school for the same start date, records with lower priority will not trigger a delete.

Action	Trigger
Delete	When the start date of an enrollment is changed.

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.
Put	If the natural key of the Calendar Reference is changed, a put will be done to update the Calendar Reference even if the Student School Association resource is turned 'OFF'.
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 changes: • If the School ID 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 School ID. If an Ed-Fi ID changes, this will happen with the cascading deletes from the Ed-Fi ID Change trigger. • If the enrollment start date changes, all dependent resources will be deleted and reposted. If a dependent resource is turned off, all dependent resources will be deleted and not reposted.
Delete	Cascading Deletes: If the Student School Association is deleted, all dependent resources will be deleted. • Student Parent Associations, Student Education Organization Associations, Student Section Associations, Graduation Plans, Student Program Associations, Student CTE Program Associations, Student Special Education Program Associations, Student Title 1 Part A Program Associations, Student Academic Records, Course Transcripts, Grades, Student Discipline Incident Associations, Discipline Actions, Student Cohort Associations, Student School Attendance Events, Student Section Attendance Events

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.

Logic
Data will only send for the years that have valid configuration.

Resource Preferences

This table describes the Resource Preferences of this object.

Data Element Label	Mapping Needed
Entry Type Descriptors	Enrollment Start Status
Exit Withdraw Type Descriptors	Enrollment End Status
	Enrollment Graduation (Year End Status)
	Enrollment End Action
Exit Reason Descriptors	Enrollment Withdrawal Reason
Membership FTE Descriptors	Enrollment School Membership FTE
Membership Type Descriptors	Enrollment Local Service Type
Special Enrollment Descriptors	Enrollment Special Enrollment
Tuition Payer Descriptors	Enrollment Tuition Payer

Identity Mapping Object Key

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

campusObjectType	Object Key Data Source
Enrollment	enrollmentID

Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
enrollment	Post/Put/Delete	The primary table used for sending data for this resource.
person	Post/Delete	Student ID in Student Reference
graduation	Put	Class of School Year Type Reference
programs	Put	Graduation Plan Reference
programparticipation	Put	Graduation Plan Reference

Object Data Elements

This table describes data elements sent within the Student School Association resource.

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
id	The unique identifier of the resource.		M		
entryDate	The month, day, and year on which an individual enters and begins to receive instructional services in a campus.	1. Report the enrollment start date.	M	Student Information> General> Enrollments> Start Date	enrollment. startdate
calendarReference	A reference related to the Calendar resource.	1. Report the Calendar reference for the calendar in which the student is enrolled that is being reported. 2. If the Calendar the student is enrolled in is mapped via the EdFi Calendar Override Mapping tool to a different calendar, reference that different calendar.	C	System Administration > Ed-Fi > Ed-Fi Configuration > Resource Preferences > Calendars > Calendar Override Mapping	

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
classOfSchoolYear TypeReference	The year the student is expected to graduate.	1. Report the year selected in Student Information > General > Graduation > NCLB Cohort End Year. ○ If NCLB Cohort End Year = Null, do not report.	C		
graduationPlan Reference	A reference to the related GraduationPlan resource.	1. This is optional, does not report.	O		
schoolReference	A reference to the related School resource.	1. Reports the fields that are part of the Natural Key for the School resource.	M		
schoolYearType Reference	The school year the student is being reported in.	1. Reports the end year of the calendar.	O		
studentReference	A reference to the related Student resource.	1. Report the reference for the student being reported.	M		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
educationPlans	An unordered collection of studentSchoolAssociation EducationPlans. This association represents the school in which a student is enrolled.	1. This is optional, does not report.	O		
employedWhile Enrolled	An individual who is a paid employee or works in his or her own business, profession, or farm and at the same time is enrolled in secondary, postsecondary, or adult education.	1. This is optional, does not report.	O		
entryGradeLevel Descriptor	The grade level or primary instructional level at which a student enters and receives services in a school or an educational institution during a given academic session.	1. Report the Ed-Fi Code from the Grade Level mapping for the grade selected on the student's enrollment. 2. If a mapping is not available, the record will error.	M	Student Information> General> Enrollments> Grade	
entryGradeLevel ReasonDescriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table.	1. This is optional, does not report.	O		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
entryTypeDescriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table.	1. Report the Ed-Fi Code Value mapped to the selected Start Status. 2. If blank, do not report.	O	Student Information>General>Enrollments>Start Status	enrollment. startstatus
exitWithdrawDate	The month, day, and year of the first day after the date of an individual''s last attendance at a campus (if known), the day on which an individual graduated, or the date on which it becomes known officially that an individual left school.	1. Report the enrollment end date.	O	Student Information>General>Enrollments>End Date	enrollment. enddate
exitWithdraw ReasonDescriptor	Withdrawal Reasons are a secondary reason for the withdrawal (the primary reason being the Withdrawal Activity Code). Withdrawal Reasons are optional, and will not apply to the great majority of students who withdraw from school prior to the last scheduled day of session.	Report based on the mapped value indicated in the Ed-Fi mapping tool tied to the attribute dictionary item selected. 1. If a mapping does not exist, do not report.	C	Student Information > General > Enrollments > Withdrawal Reason	enrollmentaz. withdrawalreason
exitWithdrawType Descriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table.	Report based on the mapped value indicated in the Ed-Fi mapping tool, tied to the attribute dictionary item selected, based on the following hierarchy: 1. Report from the	C	Student Information > General > Enrollments > End Status Student Information > General > Enrollments > Graduation (Year End Status)	enrollment. endstatus enrollment. yearEndStatus enrollment. endAction

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
		"Graduation (Year End Status)" field on Enrollment if set. Ignore the End Action and End Status if populated. 2. Report 'WP' if Enrollment End Status is "WP" and Graduation (Year End Status) is blank. 3. Report from Enrollment End Action if End Action is mapped in the mapping tool. 4. Report from Enrollment End Status if End Status is not blank, and the Ed-Fi Code value of the code selected is not null, and none of the above conditions are true. 5. Report blank if none of the above conditions are true.		Student Information > General > enrollments > End Action	

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
membershipType Descriptor	Membership Type identifies whether a school has primary responsibility for managing a specific student's curriculum or not. The "P" code value will allow the reporting of students who are enrolled in a SPED program but not enrolled in a school.	1. Report based on the mapped value indicated in the EdFi mapping tool, if it exists, tied to the attribute dictionary item selected. 2. If a mapping does not exist, do not report.	M	Student Information > General > Enrollments > State Reporting Fields > Local Service Type	
primarySchool	Indicates if a given enrollment record should be considered the primary record for a student. If omitted, the default is true.	This is optional, does not report.	O		
repeatGrade Indicator	An indicator of whether the student is enrolling to repeat a grade level, either by failure or an agreement to hold the student back.	This is optional, does not report.	O		
residencyStatus Descriptor	An indication of the location of a persons legal residence relative to (within or outside of) the boundaries of the public school attended and its administrative unit.	This is optional, does not report.	O		
schoolChoice Transfer	An indication of whether students transferred in or out of the school did so during the school year under the provisions for public school choice in accordance with Title I, Part A, Section 1116.	This is optional, does not report.	O		
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Arrays

▶ Click here to expand...

Type/Descriptor

▶ Click here to expand...

membershipTypeDescriptor = Local Service Type

Code Value	Description
A: Ancillary	Ancillary
C: Concurrent Course Work Program	Concurrent Course Work Program
D: Dropout Recovery Program	Dropout Recovery Program
G: Grand Canyon Diploma	Grand Canyon Diploma
O: Program Only	Program Only
P: Primary	Primary
M: Main	Main
T: AOI	AOI

Appendix A - Summer Withdrawal Students

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