Student School Associations (Texas v4.0)

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Tool Search: Ed-Fi

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

Object Triggering Logic

Action	Trigger

Post	When a new enrollment is saved for a student. A record reports for each distinct enrollment in a School and Enrollment Start Date.
	• When a student has two enrollments in the same School, Calendar, and Schedule Structure with the same start date, reports from the enrollment service type in the following order:
	  1. P: Primary Enrollment
	  2. S: Partial/Ancillary
	  3. N: Special Ed Services
	• When a student has two Primary enrollments in the same school with the same start date, post the record with the highest enrollment ID.
	• When an enrollment with a higher priority is deleted, the enrollment with lower priority posts a new record.
	• Does not send records if any of the following exist:
	  ○ Calendar Exclude checkbox is marked in the calendar the student is enrolled.
	  ○ School Exclude checkbox is marked in the calendar the student is enrolled.
	  ○ No Show checkbox is marked.

Post	When the start date for an enrollment is changed. • Data does not send when an enrollment with a lower priority is changed.
Put	When an enrollment 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 or Service District fields are changed. • When a students Service Type is changed. • When the Calendar reference is changed due to a Natural Key update on the Calendars resource.

Action	Trigger
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 do not trigger a delete.
Delete	When the start date of an enrollment is changed.
Delete	When the No Show checkbox is marked.

Resource Toggle and Resync Logic

Action	Business Rule
None	If a resource is toggled to 'OFF' after data has sent, all sent data remains in the ODS but no new data will send.
Put	If the natural key of the Calendar Reference is changed, a put is 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 is 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 is deleted from the ODS.
Resync	If a mapping is changed in Resource Preferences, a resync needs to be done to reflect the changes.

Natural Key Changes, Cascading Updates, and Deletes Logic

Action	Business Rule
Post/Delete	Natural Key changes: • If the School Number/Ed-Fi School Number changes, a delete/post occurs with the cascading deletes from the School ID Change triggers. • 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 are deleted and reposted. If a dependent resource is turned off, all dependent resources are deleted and not reposted.

Action	Business Rule
Delete	Cascading Deletes: If the Student School Association is deleted, all dependent resources are 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

Logic
The record sends to the scope year for the school year the enrollment is associated with. • Data only sends for the years that have valid configuration.

Resource Preferences

Data Element Label	Mapping Needed
Entry Type Descriptors	Enrollment Start Status
Exit Withdraw Type Descriptors	Enrollment End Status

Identity Mapping Object Key

campusObjectType	Object Key Data Source
Enrollment	enrollmentID

Event Queue Detail

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.

▶ Click here to expand...

Type/Descriptor

▶ Click here to expand...