Students (Texas v4.0)

Last Modified on 03/11/2024 8:47 am CDT

Tool Search: Ed-Fi

Object Triggering Logic | School Exclude, Calendar Exclude, Resource Toggle and Resync Logic | Natural Key Changes, Cascading Updates, and Deletes Logic | Scope Year Logic | Resource Preferences | Identity Mapping Object Key | Event Queue Detail | Object Data Elements | Array Data Elements | Type/Descriptor

This resource 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.

> A Student School Association record must be sent in order to see/access a Student record in the ODS. This is is the security protocol set by Ed-Fi. You cannot see the Student record until they are associated to a School through the SSA record.

> The Student Resource is a shared record among all districts. If two districts have the same student in the same year, the last district to trigger data to Ed-Fi is the data stored in Ed-Fi.
>
> For example, if one district put in a first name of "Robert" and the second district put in a first name of "Rob", the last district to update the student record is what will appear in Ed-Fi and on both District's reports. This is true for all field logic in the Student Resource.

Object Triggering Logic

Action	Trigger
Post	When an enrollment is created and saved for a person and the enrollment overlaps a configured year. - Do not send it an enrollment is marked as No Show. - 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.

Action	Trigger

Put	When any student data is edited for the person in the Data Elements fields below.
	• When the person's identity record is changed in one of the following fields:
	  ◦ Birth Date
	  ◦ First Name
	  ◦ Middle Name
	  ◦ Last Name
	  ◦ Suffix
	• Crisis Event is added or removed; As-of-status on enrollment is added, changed, or removed.
	• Student census block group changes (added or removed).

Delete	Student records are never deleted because Student records are a shared resource among all districts.

School Exclude, Calendar Exclude, 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 sends.
Resync	If an Ed-Fi Code mapping is changed to a new code or made NULL, a resync must be performed for the data to be updated in the ODS.

Natural Key Changes, Cascading Updates, and Deletes Logic

Action	Business Rule
Post	Natural Key change: Ed-Fi ID • If an Ed-Fi ID is changed for a student, all data for the previous number is deleted and resent under the new number.
Delete	Cascading Deletes: The following resources will be deleted and resent if the Ed-Fi ID is changed. • Student Parent Associations, Student Education Organization Associations, Student School 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
A record reports when an enrollment is created and saved that is aligned to a configured year. • The enrollment must overlap with the configured year to report. • Data only sends for the years that have valid configuration.
When using data in Campus that has a single date, the following logic is applied to determine the scope year(s) in which to report data: • Current Year: The record must overlap the current year. • 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) in which to report data: • Current Year: The record must overlap the current year. • 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

Data Element Label	Mapping Needed	Database Field
birthCountryDescriptor	Birth Country Override	identity.birthcountry
birthStateDescriptor	Birth State Override	identity.birthstate

Identity Mapping Object Key

campusObjectType	Object Key Data Source
Person	personID

1. If a Student and Student School Association record has been sent for a student, a Student and Student School Association record is logged in the Ed-Fi Identity Mapping table. If the student's enrollment is deleted or their Ed-Fi ID is changed while the Student and/or Student School Association Resource Preference is turned off, the old record and resource id remains in the table until the resource is turned back on and a resync is performed on either Students or Student School Associations.

Event Queue Detail

Campus Table	Ed-Fi Action	Fields
enrollment	Post/Put/Delete	The primary table used for sending data for this resource.
identity	Put	birthCity, birthCountryDescriptor, birthDate, birthSexDescriptor, birthStateAbbreviationDescriptor, dateEnteredUS, firstName, lastSurname, generationCodeSuffix, middleName, otherNames
person	Post/Delete	studentUniqueID

Object Data Elements

▶ Click here to expand...

Array Data Elements

▶ Click here to expand...

Type/Descriptor

▶ Click here to expand...