

Tennessee Ed-Fi Data v3.1 - Student School Associations

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

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. <ul style="list-style-type: none"> Do not send records if student has multiple active enrollments in the same School / Calendar. Do not send records if the Calendar Exclude checkbox is checked in the calendar the student is enrolled. Do not send records if the School Exclude checkbox is checked in the calendar the student is enrolled. Do not send a record if the No Show check box is checked.
Post	When the start date for an enrollment is changed. <ul style="list-style-type: none"> When an enrollment with a lower priority is changed, data will not send.
Put	When an enrollment is updated for a student. <ul style="list-style-type: none"> 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 Resident District or Service District fields are changed. When a student's 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. <ul style="list-style-type: none"> When a student has two enrollments in the same school for the same start date, records with lower priority will not trigger a delete.
Delete	When the start date of an enrollment is changed.
Delete	When the No Show checkbox is checked.

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	<p>Natural Key changes:</p> <ul style="list-style-type: none"> • If the School Number/Ed-Fi School Number changes, a delete/post will occur 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 will be deleted and reposted. If a dependent resource is turned off, all dependent resources will be deleted and not reposted.
Delete	<p>Cascading Deletes: If the Student School Association is deleted, all dependent resources will be deleted.</p> <ul style="list-style-type: none"> • 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.
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

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 S GUI Pa												
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.	Report the enrollment start date.	M	Studen Inform: Genera Enrollm Start D												
calendar Reference	A reference related to the Calendar resource.	<table border="1"> <thead> <tr> <th>IC Field</th> <th>JSON Field</th> <th>Logic</th> </tr> </thead> <tbody> <tr> <td>Instructional Program Number</td> <td>calendarCode</td> <td>If Instructional Program Number equals null or blank, populate "99". Otherwise, populate Instructional Program Number.</td> </tr> <tr> <td>State School Number / State District Number</td> <td>schoolId</td> <td>State District Number + State School Number</td> </tr> <tr> <td>End Year</td> <td>schoolYear</td> <td>Populate the End Year of the school year tied to the configured year.</td> </tr> </tbody> </table>	IC Field	JSON Field	Logic	Instructional Program Number	calendarCode	If Instructional Program Number equals null or blank, populate "99". Otherwise, populate Instructional Program Number.	State School Number / State District Number	schoolId	State District Number + State School Number	End Year	schoolYear	Populate the End Year of the school year tied to the configured year.	O	
IC Field	JSON Field	Logic														
Instructional Program Number	calendarCode	If Instructional Program Number equals null or blank, populate "99". Otherwise, populate Instructional Program Number.														
State School Number / State District Number	schoolId	State District Number + State School Number														
End Year	schoolYear	Populate the End Year of the school year tied to the configured year.														
classOfSchoolYear TypeReference	The year the student is expected to graduate.	This is optional, does not report.	O													
graduationPlan Reference	A reference to the related Graduation Plan resource.	This is optional, does not report.	O													
schoolReference	A reference to the related School resource.	District Number + School Number	M													
schoolYear TypeReference	The school year in which the student is being reported.	Reports the fields that are part of the Natural Key for the School Year Type resource	M													
studentReference	A reference to the related Student resource.	Report the reference for the student being reported.	M													
educationPlans	An unordered collection of studentSchoolAssociationEducationPlans. This association represents the school in which a student is enrolled.	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.	This is optional, does not report.	O													

Data Element Label	Business Requirement	Business Rules	M, C or O	Data S GUI Pa
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.	<ol style="list-style-type: none"> 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	Studen Inform; Genera Enrollm Grade
entryGradeLevel ReasonDescriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table.	<ol style="list-style-type: none"> 1. This is optional, does not report. 	O	
entryTypeDescriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table.	<ol style="list-style-type: none"> 1. Report the Ed-Fi Code Value mapped to the Start Status selected. 2. If blank, do not report. 	O	Studen Inform; Genera Enrollm Start S
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. NEDM: Exit/Withdraw Date	<ol style="list-style-type: none"> 1. Report the enrollment end date. 	O	Studen Inform; Genera Enrollm End Da
exitWithdraw TypeDescriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table.	<ol style="list-style-type: none"> 1. Report the Ed-Fi Code Value from the End Status selected. 2. If blank, do not report. 	O	Studen Inform; Genera Enrollm End Sta
primarySchool	Indicates if a given enrollment record should be considered the primary record for a student. If omitted, the default is true.	<ol style="list-style-type: none"> 1. Report 'True' if Service Type = P: Primary. 2. Else, report 'False'. 	O	Studen Inform; Genera Enrollm Service
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	Studen Inform; Genera Enrollm End Ac
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.		Studen Inform; Genera Enrollm
schoolChoiceTransfer	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	Studen Inform; Genera Enrollm School
associatedPrimary School	The following EIS 041 Student Enrollment definitions apply: <ul style="list-style-type: none"> • Primary District ID - Report the District ID of the student's primary or 'home' school. • Primary School ID - Report the ID of the school providing service, when not students primary/home school. 	If Service Type = S: Partial, report District ID + School ID of the most recent enrollment with a Service Type = P: Primary. <ol style="list-style-type: none"> 1. Primary enrollment must be in the same school year. 	O	
studentSchoolAssociation CharacteristicDescriptors		This is optional, does not report.	O	

Data Element Label	Business Requirement	Business Rules	M, C or O	Data S GUI Pa
studentSchoolAssociation InstructionalGrade Descriptors	The following EIS 043 Student Instructional Grade definitions apply: <ul style="list-style-type: none"> Instructional Grade Assignment - Report the instructional grade to which the student is assigned during the instructional service period. Instr Grade Assignment Date - Report the date the student was assigned to the instructional grade. 	See array section for logic.	M	Studen Informa Genera Enrollr
StudentSchoolAssociation FundingStatusDescriptor	The following elements of the Funding Status Descriptor are mapped to EIS 042 Student Ineligibility Funding Status: <ul style="list-style-type: none"> fundingStatusDescriptor fundingStatusBeginDate fundingStatusEndDate 	This is optional, does not report.	O	
instructionalService Descriptors	This element is mapped to EIS 081 Student TA Instructional Services.	This is optional, does not report.	O	
SupportService Descriptors	This element is mapped to EIS 081 Student TA Support Services.	This is optional, does not report.	O	
studentSchoolAssociation StandardDays	The following EIS 047 Student Standard Day definitions apply: <ul style="list-style-type: none"> Student Standard Day - Report the number of minutes for a full time student of this grade. Student Std Day Effective Date - Report the date the student standard day became effective. 	See array section for logic.	O	
submittedforSchool YearTypeReference	Key for School Year.	Using the End Date tied to the calendar of the student's enrollment, report the year.	M	System Admini > Calen Calend End Da
submittedByEducation OrganizationReference .educationOrganizationID	The identifier assigned to an education organization.	Populate the State District Number + State School Number of the student's enrollment.	M	System Admini > Reso > Distr School
etag				

Array Data Elements

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Type/Descriptor

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