

# Student School Associations (Tennessee v5.3)

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Tool Search: Ed-Fi

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	<p>When a new enrollment is saved for a student. A record will report for each distinct enrollment in a School and Enrollment Start Date.</p> <ul style="list-style-type: none"> <li>Do not send records if student has multiple active enrollments in the same School / Calendar.</li> <li>Do not send records if the Calendar Exclude check box is checked in the calendar the student is enrolled.</li> <li>Do not send records if the School Exclude check box is checked in the calendar the student is enrolled.</li> <li>Do not send a record if the No Show check box is checked.</li> </ul>
Post	<p>When the start date for an enrollment is changed.</p> <ul style="list-style-type: none"> <li>When an enrollment with a lower priority is changed, data will not send.</li> </ul>
Put	<p>When an enrollment is updated for a student.</p> <ul style="list-style-type: none"> <li>When a change is made to the Graduation &gt; NCLB Cohort End Year field.</li> <li>When a student is assigned to a Graduation or CTE Program or the start and/or end dates are modified.</li> <li>When a student's start status is changed.</li> <li>When a student's end status is changed.</li> <li>When a student's grade level is changed.</li> <li>When a student's Resident District or Service District fields are changed.</li> <li>When a student's Service Type is changed.</li> <li>When the Calendar reference is changed due to a Natural Key update on the Calendars resource.</li> </ul>
Delete	<p>When an enrollment is deleted.</p> <ul style="list-style-type: none"> <li>When a student has two enrollments in the same school for the same start date, records with lower priority will not trigger a delete.</li> </ul>
Delete	When the start date of an enrollment is changed.
Delete	When the No Show check box 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
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Action	Business Rule
Post/Delete	<p>Natural Key changes:</p> <ul style="list-style-type: none"> <li>If the School Number/Ed-Fi School Number changes, a delete/post will occur with the cascading deletes from the School ID Change triggers.</li> <li>If an Ed-Fi ID changes, this will happen with the cascading deletes from the Ed-Fi ID Change trigger.</li> <li>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.</li> </ul>
Delete	<p>Cascading Deletes: If the Student School Association is deleted, all dependent resources will be deleted.</p> <ul style="list-style-type: none"> <li>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</li> </ul>

## 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 Path												
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 Enrollment Date												
calendarReference	A reference related to the Calendar resource.	<div>1. Report the Calendar reference for the calendar in which the student is enrolled that is being reported.</div> <table><tr><th>Element</th><th>Field</th><th>Logic</th></tr><tr><td>State School Number / State District Number</td><td>schoolId</td><td>State District Number + State School Number</td></tr><tr><td>Instructional Program Number</td><td>calendarCode</td><td>If Instructional Program Number equals null or blank, populate “99” Else Populate Instructional Program Number Format: 2 character left zero padded integer</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></table>	Element	Field	Logic	State School Number / State District Number	schoolId	State District Number + State School Number	Instructional Program Number	calendarCode	If Instructional Program Number equals null or blank, populate “99” Else Populate Instructional Program Number Format: 2 character left zero padded integer	End Year	schoolYear	Populate the End Year of the school year tied to the configured year		
Element	Field	Logic														
State School Number / State District Number	schoolId	State District Number + State School Number														
Instructional Program Number	calendarCode	If Instructional Program Number equals null or blank, populate “99” Else Populate Instructional Program Number Format: 2 character left zero padded integer														
End Year	schoolYear	Populate the End Year of the school year tied to the configured year														
classOfSchoolYearReference	A reference to the related to the Class of School Year	Does not report														
classOfSchoolYearTypeReference	The year the student is expected to graduate.	Report the year selected in Student Info > General > Graduation > NCLB Cohort End Year. 1. If NCLB Cohort End Year = Null, do not report.	C													
graduationPlanReference	A reference to the related GraduationPlan resource.	Does not report.	O													
schoolReference	A reference to the related School resource.	1. District Number + School Number														
schoolYearTypeReference	The school year in which the student is being reported.	1. Reports the end year of the calendar.	M													

Data Element Label	Business Requirement	Business Rules	M, C or O	Data S Path
<b>student Reference</b>	A reference to the related Student resource.	1. Report the reference for the student being reported.	M	
educationPlans	An unordered collection of student School Association Education Plans. 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	Studen Inform: Genera Enrolln 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	
entryType Descriptor	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 Start Status selected. 2. If blank, do not report.	O	Studen Inform: Genera Enrolln Status
exitWithdraw Date	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	1. Report the enrollment end date.	O	Studen Inform: Genera Enrolln Date
exitWithdrawType Descriptor	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 from the End Status selected. 2. If blank, do not report.	O	Studen Inform: Genera Enrolln Status
primarySchool	Indicates if a given enrollment record should be considered the primary record for a student. If omitted, the default is true.	1. Report 'True' if Service Type = P: Primary. 2. Else, report 'False'.	O	Studen Inform: Genera Enrolln Service

Data Element Label	Business Requirement	Business Rules	M, C or O	Data S Path
associatedPrimarySchool	The following EIS 041 Student Enrollment definitions apply: <ul style="list-style-type: none"> <li>Primary District ID - Report the District ID of the student's primary or 'home' school</li> <li>Primary School ID - Report the ID of the school providing service, when not students primary/home school</li> </ul>	If Service Type = S: Partial, report District ID + School ID of the most recent enrollment with a Service Type = P: Primary. 1. Primary enrollment must be in the same school year.	O	
studentSchoolAssociationCharacteristicDescriptors		Optional, does not report.	O	
studentSchoolAssociationInstructionalGradeDescriptors	The following EIS 043 Student Instructional Grade definitions apply: <ul style="list-style-type: none"> <li>Instructional Grade Assignment - Report the instructional grade to which the student is assigned during the instructional service period</li> <li>Instr Grade Assignment Date - Report the date the student was assigned to the instructional grade</li> </ul>	See Array Logic below.	M	Student Inform: General Enrollment
StudentSchoolAssociationFundingStatusDescriptor	The following elements of the Funding Status Descriptor are mapped to EIS 042 Student Ineligibility Funding Status: <ul style="list-style-type: none"> <li>fundingStatusDescriptor</li> <li>fundingStatusBeginDate</li> <li>fundingStatusEndDate</li> </ul>	Optional, does not report.	O	
instructionalServiceDescriptors	This element is mapped to EIS 081 Student TA Instructional Services	Optional, does not report.	O	
SupportServiceDescriptors	This element is mapped to EIS 081 Student TA Support Services	Optional, does not report.	O	
studentSchoolAssociationStandardDays	The following EIS 047 Student Standard Day definitions apply: <ul style="list-style-type: none"> <li>Student Standard Day - Report the number of minutes for a full time student of this grade</li> <li>Student Std Day Effective Date - Report the date the student standard day became effective</li> </ul>	See Array Logic below.	O	

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source Path
submittedforSchoolYearTypeReference	Key for School Year	Using the End Date tied to the calendar of the student's enrollment, report the year	M	System Admin Calendar Date school
submittedByEducationOrganizationReference.educationOrganizationID	The identifier assigned to an education organization	Populate the State District Number + State School Number of the student's enrollment	M	System Admin Resource District school.
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.	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.	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.	Optional, does not report	O	
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## Array Data Elements

Data Element	Business Requirement	Business Rules	M, C or O	Data Source	Database Field
gradeLevelDescriptor	The following EIS 043 Student Instructional Grade definitions apply: <ul style="list-style-type: none"> <li>Instructional Grade Assignment - Report the instructional grade to which the student is assigned during the instructional service period</li> </ul>	From the state grade table, populate the code associated to the instructional grade.	O	Student Information > General > Enrollments > Grade	Enrollment.grade

Data Element	Business Requirement	Business Rules	M, C or O	Data Source	Database Field
beginDate	The following EIS 043 Student Instructional Grade definitions apply: <ul style="list-style-type: none"> <li>Instr Grade Assignment Date - Report the date the student was assigned to the instructional grade</li> </ul>	Populate Enrollment Start Date	O	Student Information > General > Enrollments > Start Date	Enrollment.startDate
endDate		Optional, does not report	O		

#### Standard Days

Data Element	Business Requirement	Business Rules	M, C or O	Data Source	Database Field
totalInstructionalMinutes	The following EIS 047 Student Standard Day definitions apply: <ul style="list-style-type: none"> <li>Student Standard Day - Report the number of minutes for a full time student of this grade</li> </ul>	If the student has an enrollment of Service Type <b>equal to</b> P:Primary, using the calendar of the student's enrollment populate Student Day  ELSE  Do not populate	O	System Administration > Calendar > Calendar > Student Day	Calendar.studentDay
effectiveDate	The following EIS 047 Student Standard Day definitions apply: <ul style="list-style-type: none"> <li>Student Std Day Effective Date - Report the date the student standard day became effective</li> </ul>	Populate the start date of the student's enrollment.  Format must be "CCYYMMDD"	O	Census > People > Enrollment > Start Date	Enrollment.startDate

#### Type/Descriptor

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