

# TN Ed-Fi Suite 3 API v6.2 Data Standard v4.0: Student School Associations

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## TN Ed-Fi Suite 3 API v6.2 Data Standard v4.0: Student School Associations

### Summary

This association represents the School in which a student is enrolled. The semantics of enrollment may differ slightly by state. Non-enrollment relationships between a student and an education organization may be described using the StudentEducationOrganizationAssociation.

### Object Triggering

Action	Business Rule(s)
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>• When a student has two enrollments in the same School, Calendar &amp; Schedule Structure with the same start date, report from the enrollment service type in the following order:<ol style="list-style-type: none"><li>1. P: Primary Enrollment</li><li>2. S: Partial/Ancillary</li><li>3. N: Special Ed Services</li></ol></li><li>• When a student has two Primary enrollments in the same school with the same start date, post the record with the highest enrollment ID</li><li>• When an enrollment with a higher priority is deleted, the enrollment with lower priority will post a new record</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></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 End Action is changed</li><li>• When a student's School Choice checkbox is checked or unchecked</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 /Post	When the start date for an enrollment is changed
Delete	When an enrollment is deleted

### Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Schools (Preloaded)
  - Calendars
  - Students
- 

### Dependent Resources (Downstream)

The following resources are dependent on this resource (must be sent after this resource):

- N/A
- 

### Error Log

The following are potential Tier 1 (Ed-Fi API generated) or custom (Campus generated) errors you may receive when posting, updating, or deleting this resource. Please keep in mind that the "Error Message" below may not match your exact error message.

Error Message	Possible Causes / How to Fix

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## Object Data Elements

Data element labels below in **BOLD** are part of the natural key of this resource and are required data elements for the record to send through Ed-Fi.

- The Mandatory / Conditional / Optional column indicates what the state requires for each data element.
- The Uses Core Template Rules column indicates if the element uses Infinite Campus Core Ed-Fi rules, has been Localized using DOE rules, or the element has been added by a DOE as an Extended Element.

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Core Template Rules  (Y/N/EXT)
1	<b>entryDate</b> (date-time)	<i>The month, day, and year on which an individual enters and begins to receive instructional services in a campus.</i> <hr/> 1. Report the enrollment start date	M	Enrollment	enrollment.startDate	Y
2	calendarReference (reference)	<i>A reference related to the Calendar resource</i> <hr/> 1. Report the Calendar reference for the calendar in which the student is enrolled that is being reported	O	N/A	N/A	Y
3	classOfSchoolYearTypeReference (reference)	<i>A reference of year the student is expected to graduate</i>	C	N/A	N/A	Y

4	graduationPlanReference (reference)	<p><i>A reference to the related GraduationPlan resource</i></p> <hr/> <ol style="list-style-type: none"> <li>Report the associated Graduation Plan when a student is assigned to a Graduation Program or Career Tech Program that is eligible to report to Ed-Fi <ol style="list-style-type: none"> <li>The Program Participation record must overlap the enrollment(s) that are aligned to the Student School Association record(s) being reported</li> </ol> </li> <li>Report the Graduation Plan School year that is aligned to the student's NCLB Cohort End Year <ol style="list-style-type: none"> <li>If the student does not have a NCLB Cohort End Year, do not report a record</li> </ol> </li> <li>If the student has both a CTE &amp; Graduation Plan, report the Graduation Plan</li> <li>If the student has more than 1 Graduation Plan, report the plan with the most recent start date</li> </ol>	O	N/A	N/A	Y
5	schoolReference (reference)	<p><i>A reference to the related School resource</i></p> <hr/> <ol style="list-style-type: none"> <li>Reports the fields that are part of the Natural Key for the School resource</li> </ol>	M	N/A	N/A	Y
6	schoolYearTypeReference (reference)	<p><i>The school year the student is being reported in</i></p> <hr/> <ol style="list-style-type: none"> <li>Reports the end year of the calendar</li> </ol>	O	N/A	N/A	Y

7	<b>studentReference</b> (reference)	<i>A reference to the related Student resource</i> <hr/> <b>1.</b> Report the reference for the student being reported	M	N/A	N/A	Y
8	entryGradeLevelDescriptor (string)	<i>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</i> <hr/> <b>1.</b> Report the Ed-Fi Code from the Grade Level mapping for the grade selected on the student's enrollment. <b>2.</b> If a mapping is not available, the record will error.	M	Enrollment	enrollment.grade	Y

9	entryGrade LevelReasonDescriptor (string)	<p><i>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</i></p> <hr/> <p>Look at the student's last enrollment record prior to the enrollment that is reporting and report the following:</p> <ul style="list-style-type: none"> <li>• Report <b>Promotion - Regular promotion</b> if the last enrollment's End Action is <i>P: Promote</i>.</li> <li>• Report <b>Nonpromotion - Other</b> if the last enrollment's End Action is <i>R: Retain</i>.</li> <li>• Report <b>Demoted</b> if the last enrollment's End Action is <i>D: Demote</i>.</li> <li>• If NULL, do not report.</li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• The student's last enrollment is selected using the most recent Start Date prior to the current enrollment. Excludes include: <ul style="list-style-type: none"> <li>◦ Calendar Exclude</li> </ul> </li> </ul>	C	Enrollment	enrollment.endAction	N
10	entryTypeDescriptor (string)	<p>The process by which a student enters a school during a given academic session.</p> <hr/> <ol style="list-style-type: none"> <li>1. Report the Ed-Fi Code Value mapped to the Start Status selected</li> <li>2. If blank, do not report</li> </ol>	M	Enrollment	enrollment.startStatus	Y



11	exitWithdrawDate (date-time)	<p><i>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</i></p> <hr/> <p>1. Using the enrollment end date, identify the next day that is marked as <b>School</b> in the Day Detail of the calendar and populate the resulting date</p>	C	Enrollment	enrollment.endDate	Y
12	exitWithdrawTypeDescriptor (string)	<p><i>The circumstances under which the student exited from membership in an educational institution.</i></p> <hr/> <p>1. Report the Ed-Fi Code Value from the End Status selected 2. If blank, do not report</p>	C	Enrollment	enrollment.endStatus	Y
13	primarySchool (boolean)	<p><i>Indicates if a given enrollment record should be considered the primary record for a student. If omitted, the default is true</i></p> <hr/> <p>1. Report 'True' if Service Type = P: Primary 2. Else, report 'False'</p>	O	Enrollment	enrollment.type	Y

14	repeatGradeIndicator (boolean)	<p><i>An indicator of whether the student is enrolling to repeat a grade level, either by failure or an agreement to hold the student back</i></p> <hr/> <p>1. Look at the student's last enrollment record prior to the enrollment that is reporting and report the following:</p> <ul style="list-style-type: none"> <li>a. Report 'True' if End Action is = R: Retain</li> <li>b. Report 'False' if the End Action = P: Promote, D: Detain or NULL <ul style="list-style-type: none"> <li>i. The prior enrollments start date must be before the reporting enrollment's start date.</li> </ul> </li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• The student's last enrollment is selected using the most recent Start Date prior to the current enrollment. Excludes include: <ul style="list-style-type: none"> <li>○ Calendar Exclude</li> </ul> </li> </ul>	O	Enrollment	enrollment.endAction	Y
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15	residencyStatusDescriptor (string)	<p><i>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.</i></p> <hr/> <ol style="list-style-type: none"> <li>Report 'Resident of admin unit and school area' if the Resident and Serving District fields are either NULL or = to the reporting district <ol style="list-style-type: none"> <li>This can be any combination of NULL or populated (ex. Serving District can be NULL and Resident District = to reporting District)</li> </ol> </li> <li>Report 'Resident of admin unit, but other school area' when the Serving District is not = to Reporting District <ol style="list-style-type: none"> <li>The Resident District must be NULL or = to the reporting district to report. If not, then report blank</li> </ol> </li> <li>Report 'Resident of this state, but not of this admin unit' when the Resident District is not = Reporting District <ol style="list-style-type: none"> <li>The Serving District must be NULL or = to the reporting district to report. If not, then report blank</li> </ol> </li> </ol>	O	Enrollment	enrollment. residentDistrict  enrollment. servingDistrict	Y
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16	schoolChoiceTransfer (boolean)	<p><i>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</i></p> <hr/> <p>1. Reports 'True' when the checkbox is checked 2. Reports 'False' when the checkbox is not checked.</p>	O	Enrollment	enrollment. schoolChoiceProgram	Y
17	fullTimeEquivalency (number)	<p><i>The full-time equivalent ratio for the student's assignment to a school for services or instruction. For example, a full-time student would have an FTE value of 1 while a half-time student would have an FTE value of 0.5.</i></p> <hr/> <p>1. This is optional, does not report.</p>	O	N/A	N/A	Y
18	employedWhileEnrolled (boolean)	<p>1. This is optional, does not report.</p>	O	N/A	N/A	Y
19	educationPlans (array)	<p>1. This is optional, does not report.</p>	O	N/A	N/A	Y

## Data Validation Report (Ed-Fi Student School Associations Validations)

This report will return the following validations (Reporting > Data Validation > Data Validation Report):

- Entry Date must be within the school year

- Withdrawal Date must be within the school year
- Withdrawal Date must be greater than or equal to Entry Date
- No primary enrollment exists but secondary enrollment does exist
- Student cannot have more than one School Association with Enrollment Reason Code of E or E1 in a single school year
- Student cannot have TR Enrollment Reason Code if there is not existing E or E1 at a different school in a single school year
- Student cannot have more than one enrollment reason code in a single school year