

# **KS Ed-Fi Suite v3.6.2, Data Standard v4.0: Student School Associations**

August  
2025

# KS Ed-Fi Suite v3.6.2, Data Standard v4.0: Student School Associations

## Table of Contents

- [Summary](#)
- [Object Triggering Logic](#)
- [Required Resources \(Upstream\)](#)
- [Dependent Resources \(Downstream\)](#)
- [Error Log](#)
- [Object Data Elements Logic](#)
- [Appendix](#)

## Summary

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

## Object Triggering Logic

Action	Business Rule(s)
--------	------------------

Post	<p>When a new enrollment is saved for a student.</p> <ul style="list-style-type: none"><li>• A record will report for each distinct enrollment in a School and enrollment start date.</li><li>• When a student has two enrollments in the same School, Calendar, and Schedule Structure with the same start date, report from the enrollment service type in the following order:<ul style="list-style-type: none"><li>◦ P: Primary Enrollment</li><li>◦ S: Partial/Ancillary</li><li>◦ N: Special Ed Services</li></ul></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 a record if any of the following exclusions are present:<ul style="list-style-type: none"><li>◦ Enrollment State Exclude</li><li>◦ Enrollment Grade Exclude from State Reporting</li><li>◦ Calendar Exclude</li><li>◦ School Exclude</li></ul></li></ul>
------	---

Delete /Post  Put	<p>A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.</p> <p>When the following information is changed on the Enrollment:</p> <ul style="list-style-type: none"> <li>• Start date</li> <li>• Graduation &gt; NCLB Cohort End Year field</li> <li>• Graduation or CTE Program or its start and/or end dates</li> <li>• Start status</li> <li>• End status</li> <li>• Grade level</li> <li>• End Action</li> <li>• School Choice checkbox</li> <li>• Resident District</li> <li>• Service District</li> <li>• Service Type</li> <li>• Calendar reference to a Natural Key update on the Calendars resource</li> <li>• qualifiedFor504Descriptor</li> <li>• cteContactMinutes</li> <li>• individualPlanOfStudy</li> <li>• localEducationAgencyEntryDate</li> <li>• membershipDays</li> <li>• minutesEnrolled</li> <li>• stateEntryDate</li> <li>• creditsRequiredToGraduate</li> </ul>
Delete	<ul style="list-style-type: none"> <li>• When an enrollment is deleted.</li> <li>• When an enrollment is now excluded in some way.</li> </ul>

## Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Schools (Pre-populated)
- Students
- Calendars

---

## Dependent Resources (Downstream)

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

- All student-based resources
  - To send resources for any given student, a Student School Association must first be sent to establish the link between the school and the student.

---

## 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

## Object Data Elements Logic

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.

	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	Uses Template Logic  (✓ / ✗ / EXT)
1	<b>entryDate</b> (date)	<p><i>The month, day, and year on which an individual enters and begins to receive instructional services in a campus.</i></p> <hr/> <ol style="list-style-type: none"> <li>Report value from Enrollment Override location.</li> <li>If the Enrollment Override location is NULL, report based on the following: <ul style="list-style-type: none"> <li>If the previous school year does not have an exit code, report the earliest enrollment start date where the student consecutively attended the current school.</li> <li>Else, report the current enrollment start date</li> </ul> </li> </ol>	M	<p>Enrollment Override location: Student Information &gt; General &gt; Enrollments &gt; State Reporting Fields &gt; Entry into School Override</p> <p>Student Information&gt; General&gt; Enrollments&gt; Start Date</p>	EnrollmentKS. schoolDate	✓

2	calendarReference (reference)	<p><i>A reference to the Calendar resource</i></p> <hr/> <p>Report the Calendar reference for the calendar related to the Student School Association being reported</p>	O	N/A	N/A	✓
3	classOfSchoolYearTypeReference (reference)	<p><i>A reference to the School Years resource associated with the Student School Associations being reported.</i></p> <hr/> <p>Reports the <b>NCLB Cohort End Year</b>.</p>	C	Graduation	Graduation. cohortYearNCLB	✓
4	schoolReference (reference)	<p><i>A reference to the Schools resource associated with the Student School Associations being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Schools resource.</p>	M	District Information  School Information	District .number  School .number	✓
5	schoolYearTypeReference (reference)	<p><i>A reference to the School Years resource associated with the Student School Associations being reported.</i></p> <hr/> <p>Reports the <b>End Year</b> of the associated calendar.</p> <p>CATs</p>	M	N/A	N/A	✓

6	<b>studentReference</b> ( <i>reference</i> )	<p>A reference to the related School resource</p> <hr/> <p>Report Ed-Fi id from Student State Id field.</p>	M	N/A	N/A	✓
7	<b>entryGradeLevelDescriptor</b> ( <i>string</i> )	<p>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.</p> <hr/> <p>Reports the Ed-Fi Code mapped to the value selected for <b>Grade</b>.</p>	M	Enrollment	Enrollment .grade	✓
8	<b>exitWithdrawDate</b> ( <i>date</i> )	<p>The circumstances under which the student exited from membership in an educational institution.</p> <hr/> <p>Report the <b>End Date</b>.</p>	C	Enrollment	Enrollment. endDate	✓
9	<b>exitWithdrawDescriptor</b> ( <i>string</i> )	<p>The circumstances under which the student exited from membership in an educational institution.</p> <hr/> <p>1. Report the Ed-Fi Code Value from the End Status selected 2. If blank, do not report</p>	C	Student Information> General> Enrollments> End Status	enrollment. endstatus	✓



10	localEducationAgencyEntryDate ( <i>date</i> )	<p>Student's earliest date of entry at the District.</p> <hr/> <ol style="list-style-type: none"> <li>1. Report value from Enrollment Override location.</li> <li>2. If the Override location is NULL, report based on the following: <ul style="list-style-type: none"> <li>• If the previous school year does not have an exit code (endStatus) = 1, 5, or 6 then report the earliest enrollment start date where the student consecutively attended in the current district.</li> <li>• Else, report the current enrollment start date.</li> </ul> </li> </ol>	M	Override location: Student Information > General > Enrollments > State Reporting Fields > Entry into District Override	EnrollmentKS. districtDate	EXT
11	stateEntryDate ( <i>date</i> )	<p>Student's earliest date of entry at a school in the State.</p> <hr/> <p>Report value from Enrollment Override location</p> <p>If Enrollment Override location is NULL, report based on the following:</p> <ul style="list-style-type: none"> <li>• If the previous school year does not have an exit code (endStatus) = 1, 2, 4, 5, 6 or 15, then report the earliest enrollment start date where the student consecutively attended in the current state.</li> <li>• Else, report the current enrollment start date.</li> </ul>	M	Student Information > General > Enrollments > State Reporting Fields > Entry into State Override	EnrollmentKS. stateDate	EXT

12	membershipDays ( <i>numeric</i> )	<p>Number of days the student has been enrolled in this school when school was in session during the current school year.</p> <hr/> <p>Reports number of days to date the student has been enrolled (Days present plus Days absent) in the school when school was in session during the current school year.</p> <ul style="list-style-type: none"> <li>• If exit code (endStatus) = 18 (Student Data Claimed in Error), report 0 (zero) for Membership Days.</li> <li>• Half-day kindergarten students should not have their days of attendance divided by two. Count half-day kindergarten students in attendance for every day they attend their half-day program. Cannot be greater than 366.</li> </ul>	O	Calculated	Not stored	EXT
----	-----------------------------------	--	---	------------	------------	-----

13	minutesEnrolled ( <i>numeric</i> )	<p>Total number of instructional minutes for which the student is enrolled.</p> <hr/> <ol style="list-style-type: none"> <li>1. If the "Sept 20th Rule" OR the "Feb 20th Rule" is checked, Minutes Enrolled= '0'.</li> <li>2. If neither is checked, report Minutes Enrolled from the Enrolled Minutes Override field</li> <li>3. If the Enrolled Minutes Override is blank, calculate daily minutes as follows: <ol style="list-style-type: none"> <li>a. Find a week where all 5 days are instructional: <ol style="list-style-type: none"> <li>i. Sum all period minutes student is rostered into</li> <li>ii. Subtract lunch time minutes.</li> <li>iii. Add the minutes between periods if the amount of time between periods is <math>\leq 10</math> minutes for each day that week</li> <li>iv. Subtract minutes from one lunchtime passing period each day - either before or after lunch NOT both.</li> <li>v. Divide by 5. Round value to the nearest whole number</li> </ol> </li> </ol> </li> </ol>	O	<p>Calculated</p> <p>Student Information &gt; General &gt; Enrollments &gt; State Reporting Fields &gt;Included Sept 20</p> <p>Student Information &gt; General &gt; Enrollments &gt; State Reporting Fields &gt;Include Feb 20th</p> <p>Student Information &gt; General &gt; Enrollments &gt; State Reporting Fields &gt; Enrolled Minutes Override</p>	Not stored	EXT
----	------------------------------------	---	---	---	------------	-----

14	qualifiedfor504Descriptor ( <i>descriptor</i> )	<p>Indicates the type of 504 qualification of the student.</p> <hr/> <p>Assign qualifiedfor504Descriptor value based on the following logic:</p> <ul style="list-style-type: none"> <li>• If the student has a section 504 record that overlaps the config year AND End Date is null OR &gt;= today's date, report: <ul style="list-style-type: none"> <li>◦ "Currently a 504 qualified student" (KIDs value 1)</li> </ul> </li> <li>• Else if student has a section 504 record that overlaps the config year AND End date &lt;today's date, report: <ul style="list-style-type: none"> <li>◦ "Not currently a 504 qualified student but has been this school year" (KIDs value 2)</li> </ul> </li> <li>• Else, report: <ul style="list-style-type: none"> <li>◦ "Not a 504 qualified student and has not been this school year" (KIDs value 0)</li> </ul> </li> </ul>	O	<p>Student Information &gt; Program Participation &gt; Section 504 &gt; Start Date</p> <p>Student Information &gt; Program Participation &gt; Section 504 &gt; End Date</p>		EXT
15	cteContactMinutes ( <i>numeric</i> )	<p>Number of minutes student received instruction in a state funding approved career and technical education course. Reports for students in grades 9-12 and secondary students who are not graded.</p> <hr/> <p>Report value entered or blank if not entered.</p>	O	<p>Student Information &gt; General &gt; Enrollment &gt; State Reporting Fields &gt; Tech Ed Minutes</p>	EnrollmentKS.vocationalMinutes	EXT

16	<code>individualPlanOfStudy</code> ( <i>boolean</i> )	<p>Indicates if student in state grade levels 11-17 has an Individual Plan of Study (IPS)</p> <hr/> <p>If student is in a state grade level 11-17:</p> <ul style="list-style-type: none"> <li>• and if the student has an IPS with a start date that overlaps the config year, report 1</li> <li>• Else, report 0</li> </ul> <p>Else, report blank</p>	O	Student Information > Program Participation > State Programs > Individual Plan of Study		EXT
17	<code>creditRequiredtoGraduate</code> ( <i>numeric</i> )	<p>For students assigned to a Graduation Program, reports the number of completed credits <b>required</b> towards High School graduation.</p> <hr/> <p>1. If student is assigned to a Graduation Program with dates overlapping the config year, report total Credits Earned. 2. Else report blank</p> <p><b>**Only reports for students enrolled in state code 14,15,16, or 17</b></p>	C	<p>Student Information &gt; Academic Planning &gt; Graduation Program &gt; Graduation Program Detail</p> <p>Transcript &gt; Credits Earned</p>		EXT

18	schoolEntryDate (date)	<p><i>The month, day, year on which the student enrolls and begins to receive instructional services in the Building.</i></p> <hr/> <p>Report value from Enrollment Override location.</p> <p>If Override location is NULL, report based on the following:</p> <ul style="list-style-type: none"> <li>• If the previous school year does not have an exit code report earliest enrollment start date where the student consecutively attended the current school.</li> <li>• Else, report the current enrollment start date</li> </ul> <p>If student has multiple previous enrollments, use the enrollment with the most recent end date. In the case of a tie use the primary enrollment.</p>	M	Override location: Student Information > General > Enrollments > State Reporting Fields > Entry into School	EnrollmentKS.schoolDate	EXT
19	graduationPlanReference	This is optional, does not report.	O	N/A	N/A	N/A
20	schoolYearTypeReference	This is optional, does not report.	O	N/A	N/A	N/A
21	alternativeGraduationPlans	This is optional, does not report.	O	N/A	N/A	N/A
22	educationPlans	This is optional, does not report.	O	N/A	N/A	N/A
23	employedWhileEnrolled	This is optional, does not report.	O	N/A	N/A	N/A
24	entryGradeLevelReasonDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
25	entryTypeDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
26	fullTimeEquivalency	This is optional, does not report.	O	N/A	N/A	N/A

27	primarySchool	This is optional, does not report.	O	N/A	N/A	N/A
28	repeatGradeIndicator	This is optional, does not report.	O	N/A	N/A	N/A
29	residencyStatusDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
30	schoolChoiceTransfer	This is optional, does not report.	O	N/A	N/A	N/A
31	termCompletionIndicator	This is optional, does not report.	O	N/A	N/A	N/A

## Appendix

Type/Descriptors

### GradeLevelDescriptor

Code Value	Description	Name Space	Short Description
Infant/toddler	Infant/toddler	<a href="uri://ed-fi.org/GradeLevelDescriptor">uri://ed-fi.org/GradeLevelDescriptor</a>	Infant/toddler
Kindergarten	Kindergarten	<a href="uri://ed-fi.org/GradeLevelDescriptor">uri://ed-fi.org/GradeLevelDescriptor</a>	Kindergarten
First grade	First grade	<a href="uri://ed-fi.org/GradeLevelDescriptor">uri://ed-fi.org/GradeLevelDescriptor</a>	First grade
Second grade	Second grade	<a href="uri://ed-fi.org/GradeLevelDescriptor">uri://ed-fi.org/GradeLevelDescriptor</a>	Second grade
Third grade	Third grade	<a href="uri://ed-fi.org/GradeLevelDescriptor">uri://ed-fi.org/GradeLevelDescriptor</a>	Third grade
Fourth grade	Fourth grade	<a href="uri://ed-fi.org/GradeLevelDescriptor">uri://ed-fi.org/GradeLevelDescriptor</a>	Fourth grade
Fifth grade	Fifth grade	<a href="uri://ed-fi.org/GradeLevelDescriptor">uri://ed-fi.org/GradeLevelDescriptor</a>	Fifth grade
Sixth grade	Sixth grade	<a href="uri://ed-fi.org/GradeLevelDescriptor">uri://ed-fi.org/GradeLevelDescriptor</a>	Sixth grade
Seventh grade	Seventh grade	<a href="uri://ed-fi.org/GradeLevelDescriptor">uri://ed-fi.org/GradeLevelDescriptor</a>	Seventh grade
Eighth grade	Eighth grade	<a href="uri://ed-fi.org/GradeLevelDescriptor">uri://ed-fi.org/GradeLevelDescriptor</a>	Eighth grade
Ninth grade	Ninth grade	<a href="uri://ed-fi.org/GradeLevelDescriptor">uri://ed-fi.org/GradeLevelDescriptor</a>	Ninth grade
Tenth grade	Tenth grade	<a href="uri://ed-fi.org/GradeLevelDescriptor">uri://ed-fi.org/GradeLevelDescriptor</a>	Tenth grade
Eleventh grade	Eleventh grade	<a href="uri://ed-fi.org/GradeLevelDescriptor">uri://ed-fi.org/GradeLevelDescriptor</a>	Eleventh grade
Twelfth grade	Twelfth grade	<a href="uri://ed-fi.org/GradeLevelDescriptor">uri://ed-fi.org/GradeLevelDescriptor</a>	Twelfth grade
Ungraded	Ungraded	<a href="uri://ed-fi.org/GradeLevelDescriptor">uri://ed-fi.org/GradeLevelDescriptor</a>	Ungraded
Preschool	Preschool	<a href="uri://ed-fi.org/GradeLevelDescriptor">uri://ed-fi.org/GradeLevelDescriptor</a>	Preschool



**ExitWithdrawTypeDescriptor**

Code Value	Description	Namespace	Short Description
1	Transfer to a public school in the same district	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Transfer to a public school in the same district
2	Transfer to a public school in a different district in Kansas	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Transfer to a public school in a different district in Kansas
3	Transfer to a public school in a different state	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Transfer to a public school in a different state
4	Transfer to an accredited private school in Kansas or in a different state	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Transfer to an accredited private school in Kansas or in a different state
5	Transfer to non-accredited private school in Kansas or in a different state	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Transfer to non-accredited private school in Kansas or in a different state
6	Transfer to home schooling	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Transfer to home schooling
8	Graduated with regular diploma	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Graduated with regular diploma
10	Student death	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Student death
11	Student illness	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Student illness
12	Student expulsion (or long-term suspension)	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Student expulsion (or long-term suspension)
13	Reached maximum age for services	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Reached maximum age for services

14	Discontinued schooling (including preschoolers/Kindergartners who are removed from schooling by parents).	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Discontinued schooling (including preschoolers/Kindergartners who are removed from schooling by parents).
15	Transfer to a juvenile or adult correctional facility where diploma completion services are provided.	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Transfer to a juvenile or adult correctional facility where diploma completion services are provided.
16	Moved within the US, not known to be enrolled in school	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Moved within the US, not known to be enrolled in school
17	Unknown	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Unknown
18	Student data claimed in error by an ASGT record	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Student data claimed in error by an ASGT record
19	Transfer to a GED completion program	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Transfer to a GED completion program
20	Transferred to a juvenile or adult correctional facility where diploma completion services are not provided	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Transferred to a juvenile or adult correctional facility where diploma completion services are not provided
21	Student moved to another country, may or may not be continuing	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Student moved to another country, may or may not be continuing
22	Student with disabilities who met the district graduation requirements for a regular diploma, but is remaining in school to receive transitional services deemed necessary by the IEP team	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Student with disabilities who met the district graduation requirements for a regular diploma, but is remaining in school to receive transitional services deemed necessary by the IEP team
98	Unresolved Exit (KSDE use only)	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Unresolved Exit (KSDE use only)
99	Undo a previously submitted EXIT Record	<a href="uri://ksde.org/ExitWithdrawTypeDescriptor">uri://ksde.org/ExitWithdrawTypeDescriptor</a>	Undo a previously submitted EXIT Record

**QualifiedFor504Descriptor**

Code Value	Description	Name Space	Short Description
Currently a 504 qualified student	Currently a 504 qualified student	<a href="uri://ksde.org/QualifiedFor504Descriptor">uri://ksde.org/QualifiedFor504Descriptor</a>	Currently a 504 qualified student
Not 504 qualified but has been this school year	Not 504 qualified but has been this school year	<a href="uri://ksde.org/QualifiedFor504Descriptor">uri://ksde.org/QualifiedFor504Descriptor</a>	Not 504 qualified but has been this school year
Not a 504 qualified student this school year	Not a 504 qualified student this school year	<a href="uri://ksde.org/QualifiedFor504Descriptor">uri://ksde.org/QualifiedFor504Descriptor</a>	Not a 504 qualified student this school year