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

January 2026

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

Table of Contents

Summary

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

Object Triggering Logic

Action	Business Rule(s)

Transforming K12 Education®

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. • 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: ○ P: Primary Enrollment ○ S: Partial/Ancillary ○ N: Special Ed Services • When a student has two Primary enrollments in the same school with the same start date, post the record with the highest enrollment ID. • When an enrollment with a higher priority is deleted, the enrollment with lower priority will post a new record • Do not send a record if any of the following exclusions are present: ○ Enrollment State Exclude ○ Enrollment Grade Exclude from State Reporting ○ Calendar Exclude ○ School Exclude

Transforming K12 Education®

Delete /Post Put	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.
	
	• When an enrollment is updated for a student
	• 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 End Action is changed
	• When a student's School Choice checkbox is checked or unchecked
	• When a student's Resident District or Service District fields are changed
	• When a students Service Type is changed
	• When the Calendar reference is changed due to a Natural Key update on the Calendars resource
	• When the following Override fields are changed:
	  ○ Entry in School Override
	  ○ Entry into District Override
	  ○ Entry into State Override
	• When the following are updated:
	  ○ qualifiedFor504Descriptor
	  ○ cteContactMinutes
	  ○ individualPlanOfStudy
	  ○ membershipDays
	  ○ minutesEnrolled
	  ○ creditsRequiredToGraduate

Delete	• When an enrollment is deleted. • When an enrollment is now excluded in some way.

Transforming K12 Education®

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

Transforming K12 Education®

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	**entryDate** (*date*)	*The month, day, and year on which an individual enters and begins to receive instructional services in a campus.* 1. Report value from Enrollment Override location (EnrollmentKS. schoolDate). 2. If the Enrollment Override location is NULL, report current Enrollment start date.	M	Enrollment Override location: Student Information > General > Enrollments > State Reporting Fields > Entry into School Override Student Information> General> Enrollments> Start Date	EnrollmentKS. schoolDate Enrollment. startDate	✅
2	calendarReference (*reference*)	*A reference to the Calendar resource* Report the Calendar reference for the calendar related to the Student School Association being reported	O	N/A	N/A	✅

Transforming K12 Education®

3	classOfSchoolYearTypeReference (reference)	A reference to the School Years resource associated with the Student School Associations being reported. Reports the **NCLB Cohort End Year**.	C	Graduation	Graduation. cohortYearNCLB	✅
4	**schoolReference** (reference)	A reference to the Schools resource associated with the Student School Associations being reported. Reports the fields that are part of the Natural Key for the Schools resource.	M	District Information School Information	District .number School .number	✅
5	schoolYearTypeReference (reference)	A reference to the School Years resource associated with the Student School Associations being reported. Reports the **End Year** of the associated calendar. CATs	M	N/A	N/A	✅
6	**studentReference** (reference)	A reference to the related School resource Report Ed-Fi id from Student State Id field.	M	N/A	N/A	✅

Transforming K12 Education®

7	entryGradeLevelDescriptor (*string*)	*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.* Reports the Ed-Fi Code mapped to the value selected for **Grade**.	M	Enrollment	Enrollment .grade	✅
8	exitWithdrawDate (*date*)	The circumstances under which the student exited from membership in an educational institution. Report the **End Date**.	C	Enrollment	Enrollment. endDate	✅
9	exitWithdrawTypeDescriptor (*string*)	The circumstances under which the student exited from membership in an educational institution. 1. Report the Ed-Fi Code value for the End Status selected 2. If blank, do not report	C	Student Information> General> Enrollments> End Status	enrollment. endstatus	✅

Transforming K12 Education®

| 10 | qualifiedfor504Descriptor (*descriptor*) | Indicates the type of 504 qualification of the student. ───── Assign qualifiedfor504Descriptor value based on the following logic:

• If a student has a Primary Disability Indicator = 'IEP Student', report:
  ○ "Currently a 504 qualified student" (KIDs value 1)
• Else if the student has a section 504 record that overlaps the config year AND End Date is null OR >= today's date, report:
  ○ "Currently a 504 qualified student" (KIDs value 1)
• Else if student has a section 504 record that overlaps the config year AND End date <today's date, report:
  ○ "Not currently a 504 qualified student but has been this school year" (KIDs value 2)
• Else, report:
  ○ "Not a 504 qualified student and has not been this school year" (KIDs value 0) | O | Student Information > Program Participation > Section 504 > Start Date

 Student Information > Program Participation > Section 504 > End Date | | EXT |

Transforming K12 Education®

| 11 | creditRequiredtoGraduate (*numeric*) | For students assigned to a Graduation Program, reports the number of completed credits **required** towards High School graduation.

1. If student is assigned to a Graduation Program with dates overlapping the config year, report total Credits Earned.
2. Else report blank

**Only reports for students enrolled in state code 14,15,16, or 17 | C | Student Information > Academic Planning > Graduation Program > Graduation Program Detail

Transcript > Credits Earned | | EXT |
| 12 | cteContactMinutes (*numeric*) | 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.

Report value entered or blank if not entered. | O | Student Information > General > Enrollment > State Reporting Fields > Tech Ed Minutes | EnrollmentKS.vocationalMinutes | EXT |

Transforming K12 Education®

13	individualPlanOfStudy (*boolean*)	Indicates if student in state grade levels 11-17 has an Individual Plan of Study (IPS) If student is in a state grade level 11-17: • AND if the student has an IPS with a start date that overlaps the config year, report 1 • Else, report 0 Else, report blank	O	Student Information > Program Participation > State Programs > Individual Plan of Study		EXT
14	localEducationAgencyEntryDate (*date*)	Student's earliest date of entry at the District. 1. Report value from Enrollment Override location. 2. If the Override location is NULL, report based on the following: • If the previous school year has an endStatus = 2, 3, or 4 report the current enrollment start date. • Else, report the earliest enrollment start date where the student consecutively attended in the current district. See Appendix	M	Override location: Student Information > General > Enrollments > State Reporting Fields > Entry into District Override	EnrollmentKS. districtDate Enrollment. startDate	EXT

Transforming K12 Education®

| 15 | membershipDays (*numeric*) | Number of days the student has been enrolled in this school when school was in session during the current school year.

 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.

 • If exit code (endStatus) = 18 (Student Data Claimed in Error), report 0 (zero) for Membership Days.
 • 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. | O | Calculated | Not stored | EXT |

Transforming K12 Education®

| 16 | minutesEnrolled (*numeric*) | Total number of instructional minutes for which the student is enrolled.

1. If the "Sept 20th Rule" OR the "Feb 20th Rule" is checked, Minutes Enrolled= '0'.
2. If neither is checked, report Minutes Enrolled from the Enrolled Minutes Override field
3. If the Enrolled Minutes Override is blank, calculate daily minutes as follows:
  a. Find a week where all 5 days are instructional:
    i. Sum all period minutes student is rostered into
    ii. Subtract lunch time minutes.
    iii. Add the minutes between periods if the amount of time between periods is <= 10 minutes for each day that week
    iv. Subtract minutes from one lunchtime passing period each day - either before or after lunch NOT both.
    v. Divide by 5. Round value to the nearest whole number | O | Calculated

Student Information > General > Enrollments > State Reporting Fields >Included Sept 20

Student Information > General > Enrollments > State Reporting Fields >Include Feb 20th

Student Information > General > Enrollments > State Reporting Fields > Enrolled Minutes Override | Not stored | EXT |

Transforming K12 Education®

| 17 | schoolEntryDate *(date)* | *The month, day, year on which the student enrolls and begins to receive instructional services in the Building.*

1. Report value from Enrollment Override location.
2. If Override location is NULL, report based on the following:

   ○ If the previous school year does not have an exit code report earliest enrollment start date where the student consecutively attended the current school.
   ○ Else, report the current enrollment start date

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. | M | Override location: Student Information > General > Enrollments > State Reporting Fields > Entry into School | EnrollmentKS. schoolDate

Enrollment. startDate | EXT |

18	stateEntryDate (*date*)	Student's earliest date of entry at a school in the State. 1. Report value from Enrollment Override location. 2. If the Enrollment Override location is NULL, report based on the following: ○ If the previous school year has an endStatus of 3 report the current enrollment start date. ○ Else, report the earliest enrollment start date where the student consecutively attended in the current state.	M	Student Information > General > Enrollments > State Reporting Fields > Entry into State Override	EnrollmentKS. stateDate Enrollment. startDate	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

Transforming K12 Education®

| 31 | termCompletionIndicator | This is optional, does not report. | O | N/A | N/A | N/A |

Transforming K12 Education®

Appendix

School/District/State Entry Date Detail

School/District/State Entry Date Reporting

- Current Date - Enrollment start date of current year (note: this must be the date where the student was in the school consecutively)
- Previous Date (District and State Entry) - Earliest enrollment start date within the district/state (note: this must be the date where the student was in the district/state consecutively)

Code	End Status	School Entry Date	District Date	State Entry Date
1	Transfer to a public school in the same district	Current Date	Previous Date	Previous Date
2	Transfer to a public school in a different district in Kansas	Current Date	Current Date	Previous Date
3	Transfer to a public school in a different state	Current Date	Current Date	Current Date
4	Transfer to an accredited private school in Kansas	Current Date	Current Date	Previous Date
4a	Transfer to an accredited private school in a different state *Reports as 4.*	Current Date	Current Date	Current Date
5	Transfer to non-accredited private school in Kansas	Current Date	Previous Date	Previous Date
5a	Transfer to non-accredited private school in a different state *Reports as 5.*	Current Date	Current Date	Current Date
6	Transfer to a home school for a student already in the system	Current Date	Previous Date	Previous Date
6a	Transfer to a home school for a student NOT already in the system *Reports as 6.*	Current Date	Current Date	Current Date
15	Transfer to a juvenile detention facility with education	Current Date	Current Date	Previous Date
16	Moved within US, not known to be enrolled in school	Current Date	Current Date	Current Date

Transforming K12 Education®

21	Student moved outside US, may or may not be continuing	Current Date	Current Date	Current Date

Type/Descriptors

GradeLevelDescriptor (mapped on Grade Levels)

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

Transforming K12 Education®

ExitWithdrawTypeDescriptor

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

Transforming K12 Education®

14	Discontinued schooling (including preschoolers/Kindergartners who are removed from schooling by parents).	uri://ksde.org/ExitWithdrawTypeDescriptor	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.	uri://ksde.org/ExitWithdrawTypeDescriptor	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	uri://ksde.org/ExitWithdrawTypeDescriptor	Moved within the US, not known to be enrolled in school
17	Unknown	uri://ksde.org/ExitWithdrawTypeDescriptor	Unknown
18	Student data claimed in error by an ASGT record	uri://ksde.org/ExitWithdrawTypeDescriptor	Student data claimed in error by an ASGT record
19	Transfer to a GED completion program	uri://ksde.org/ExitWithdrawTypeDescriptor	Transfer to a GED completion program
20	Transferred to a juvenile or adult correctional facility where diploma completion services are not provided	uri://ksde.org/ExitWithdrawTypeDescriptor	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	uri://ksde.org/ExitWithdrawTypeDescriptor	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	uri://ksde.org/ExitWithdrawTypeDescriptor	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)	uri://ksde.org/ExitWithdrawTypeDescriptor	Unresolved Exit (KSDE use only)
99	Undo a previously submitted EXIT Record	uri://ksde.org/ExitWithdrawTypeDescriptor	Undo a previously submitted EXIT Record

Transforming K12 Education®

QualifiedFor504Descriptor

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

Transforming K12 Education®