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

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Summary

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

Object Triggering Logic

Action	Business	Rule(s)
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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

Delete /Post	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.
/1 031	When the following information is changed on the Enrollment:
Put	 Start date Graduation > NCLB Cohort End Year field Graduation or CTE Program or its start and/or end dates Start status End status
	 Grade level End Action School Choice checkbox Resident District Service District Service Type
	 Calendar reference to a Natural Key update on the Calendars resource qualifiedFor504Descriptor attendanceDays cteContactMinutes individualPlanOfStudy
	 localEducationAgencyEntryDate membershipDays minutesEnrolled stateEntryDate unweightedGradePointAverage
	 creditsEarned creditsRequiredToGraduate
Delete	 When an enrollment is deleted. When an enrollment is now excluded in some way.

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	entryDate (date-time)	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. 2. If the Enrollment Override location is NULL, report based on the following: • 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. • Else, report the 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	

2	calendarReference (reference)	A reference to the Calendar resource Report the Calendar reference for the calendar related to the Student School Association being reported	0	N/A	N/A	•
3	studentReference (reference)	A reference to the related School resource Report Ed-Fi id from Student State Id field.		N/A	N/A	✓
4	exitWithdrawDescriptor (string)	The circumstances under which the student exited from membership in an educational institution. 1. Report the Ed-Fi Code Value from the End Status selected 2. If blank, do not report	С	Student Information> General> Enrollments> End Status	enrollment. endstatus	•

5	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 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. • Else, report the current enrollment start date.	M	Override location: Student Information > General > Enrollments > State Reporting Fields > Entry into District Override	EnrollmentKS. districtDate	EXT
6	stateEntryDate (date)	Student's earliest date of entry at a school in the State. Report value from Enrollment Override location If Enrollment Override location is NULL, report based on the following: 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. Else, report the current enrollment start date.		Student Information > General > Enrollments > State Reporting Fields > Entry into State Override	EnrollmentKS. stateDate	EXT

7	membershipDays (numeric)	Number of days the student was enrolled in this school when school was in session during the current school year. Calculate Membership Days as Days present + Days absent. Notes: 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
8	attendanceDays (numeric)		0	Calculated	Not stored	EXT

9 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 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	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 >Include Feb 20th Student Information > General > Enrollments > State Reporting Fields > Enrolled Minutes Override	Not stored	EXT
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10	unweightedGradePointAverage (numeric)	Student's unweighted cumulative GPA. Reports for students graduated with a standard high school diploma.	0	O Student Information > General > Enrollments >	EXT
		If student has an exit code (endStatus) = 8, report as follows: If unweighted cumulative GPA = blank, report blank Else if unweighted cumulative GPA > 4.00, report 4.00. Else, report value Else do not report		General Enrollment Information > Local End Status Student Information > General > Credit Summary > Cumulative GPA	

11	qualifiedfor504Descriptor (descriptor)	Indicates the type of 504 qualification of the student. Assign qualifiedfor504Descriptor value based on the following logic: 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 "not="" (kids="" 0)<="" 2)="" 504="" a="" and="" been="" but="" currently="" date,="" else,="" has="" not="" qualified="" report:="" school="" student="" th="" this="" value="" year"=""><th>O</th><th>Student Information > Program Participation > Section 504 > Start Date Student Information > Program Participation > Section 504 > End Date</th><th></th><th>EXT</th></today's>	O	Student Information > Program Participation > Section 504 > Start Date Student Information > Program Participation > Section 504 > End Date		EXT
12	cteContactMinutes	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.	0	Student Information > General > Enrollment > State Reporting Fields > Tech Ed Minutes	EnrollmentKS. vocationalMinutes	EXT
		Report value entered or blank if not entered.				

13 individualPlanOfStudy	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 creditsEarned	For students assigned to a Graduation Program, indicates the number of completed credits earned towards High School graduation. • If student is assigned to a Graduation Program which overlaps the config year, report total Credits Earned. • Else report blank **Only reports for students enrolled in state code 14,15,16, or 17	С	Student Information > Academic Planning > Graduation Program > Graduation Program Detail Transcript > Credits Earned	TranscriptCredit. creditsEarned Program. programCategory Program.name	EXT

15	creditRequiredtoGraduate	For students assigned to a Graduation Program, reports the number of completed credits required towards High School graduation.	С	Student Information > Academic Planning > Graduation	EXT
		 If student is assigned to a Graduation Program with dates overlapping the config year, report total Credits Earned. Else report blank **Only reports for students enrolled in state code 14,15,16, or 17 		Program > Graduation Program Detail Transcript > Credits Earned	

16	firstInstructionalDate (date)	The month, day, year on which the student first receives instructional services during the current school year.	С	Student Information > Special Ed > General > State		EXT
		If student has a SPED State Reporting record or an IEP or a Gifted record which overlap the configuration year, report firstInstructionalDate. Reporting > Start /End Date	Reporting > Start			
		Else, do not report. Calculation for firstInstructionalDate: firstInstructionalDate = the first day marked for instruction and attendance from the calendar in which the student is enrolled, with these exceptions:		Student Information > Program Participation > Gifted > Start/End Date		
		 If student's most recent Primary Enrollment Start Date is after this date, report the student's Enrollment Start Date instead. If student has multiple Primary Enrollments report the most recent Enrollment Start Date that is on or after the first day of instruction and attendance on the calendar. If the student has no Primary enrollments report the most recent Enrollment Start Date that is on or after the first day of instruction and attendance on the calendar 				



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Appendix

Type/Descriptors

GradeLevelDescriptor

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

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

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

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