

# Student School Association (Kansas v3.6)

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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 reports 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 and Schedule Structure with the same start date, reports from the enrollment service type in the following order:               <ol style="list-style-type: none"> <li>P: Primary Enrollment</li> <li>S: Partial/Ancillary</li> <li>N: Special Ed Services</li> </ol> </li> <li>When a student has two Primary enrollments in the same school with the same start date, posts the record with the highest enrollment ID.</li> <li>When an enrollment with a higher priority is deleted, the enrollment with lower priority posts a new record.</li> <li>Does not send when an enrollment is marked as No Show or State Exclude.</li> <li>Does not send a record when enrollment is in a Calendar marked as State Exclude.</li> <li>Does not send a record when enrollment is in a School marked as State Exclude.</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 does 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 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 marked or unmarked.</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 do not trigger a delete.</li> </ul>
Delete	When the start date of an enrollment is changed.
Delete	When the No Show or State Exclude check box is marked on the enrollment record.

## Resource Toggle and Resync Logic

This table describes the Resource Toggle and Trigger logic of this object.

Action	Business Rule
None	When a resource is toggled to OFF after data has sent, all sent data remains in the ODS but no new data is sent.
Put	When the natural key of the Calendar Reference is changed, a put is done to update the Calendar Reference even when the Student School Association resource is turned OFF.
Resync	When a record is in the Ed-Fi Identity Mapping table and not in the ODS, it is deleted from the Ed-Fi Identity Mapping table.
Resync	When a record is in the ODS and it does not have a matching record in Campus or the Ed-Fi Identity Mapping table, it is deleted from the ODS.
Resync	When a mapping is changed in Resource Preferences, a resync needs 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		
Post/Delete	<p>Natural Key changes:</p> <ul style="list-style-type: none"> <li>• When the School Number/Ed-Fi School Number changes, a delete/post occurs with the cascading deletes from the School ID Change triggers.</li> <li>• When an Ed-Fi ID changes, this happens with the cascading deletes from the Ed-Fi ID Change trigger.</li> <li>• When the enrollment start date changes, all dependent resources is deleted and reposted. When a dependent resource is turned off, all dependent resources are deleted and not reposted.</li> </ul>		
Delete	<p>Cascading Deletes: When the Student School Association is deleted, all dependent resources are deleted.</p> <table border="1" style="width: 100%;"> <tbody> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>• Student Parent Associations</li> <li>• Student Education Organization Associations</li> <li>• Student Section Associations</li> <li>• Graduation Plans</li> <li>• Student Program Associations</li> <li>• Student CTE Program Associations</li> <li>• Student Special Education Program Associations</li> <li>• Student Title 1 Part A Program Associations</li> </ul> </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>• Student Academic Records</li> <li>• Course Transcripts</li> <li>• Grades</li> <li>• Student Discipline Incident Associations</li> <li>• Discipline Actions</li> <li>• Student Cohort Associations</li> <li>• Student School Attendance Events</li> <li>• Student Section Attendance Events</li> </ul> </td> </tr> </tbody> </table>	<ul style="list-style-type: none"> <li>• Student Parent Associations</li> <li>• Student Education Organization Associations</li> <li>• Student Section Associations</li> <li>• Graduation Plans</li> <li>• Student Program Associations</li> <li>• Student CTE Program Associations</li> <li>• Student Special Education Program Associations</li> <li>• Student Title 1 Part A Program Associations</li> </ul>	<ul style="list-style-type: none"> <li>• Student Academic Records</li> <li>• Course Transcripts</li> <li>• Grades</li> <li>• Student Discipline Incident Associations</li> <li>• Discipline Actions</li> <li>• Student Cohort Associations</li> <li>• Student School Attendance Events</li> <li>• Student Section Attendance Events</li> </ul>
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## Scope Year Logic

This table describes scope year logic of this object.

### Logic

The record sends to the scope year for the school year for which the enrollment is associated.

Data only sends 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 Requirements and Rules	Mandatory, Conditional, or Optional	Location
id	The unique identifier of the resource.	M	

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
<b>entryDate</b>	<p>Reports the student's earliest start date of the enrollment in the school.</p> <p>Reports the value from Enrollment Override location.</p> <p>When the Enrollment Override location is NULL, reports based on the following:</p> <ul style="list-style-type: none"> <li>• When the previous school year does not have an exit code, reports the earliest enrollment start date where the student consecutively attended the current school.</li> <li>• Otherwise, report the current enrollment start date.</li> </ul>	M	<p>Student Information &gt; General &gt; Enrollments &gt; General Enrollment Information &gt; Start Date</p> <p>Enrollment.startdate</p> <hr/> <p>Student Information &gt; General &gt; Enrollments &gt; State Reporting Fields &gt; Entry into School Override</p> <p>EnrollmentKS.schoolDate</p>
calendarReference	<p>A reference related to the Calendar resource.</p> <p>This field is optional and does not report.</p>	O	
<b>studentReference</b>	<p>A reference to the related Student resource.</p> <p>Reports the Ed-Fi ID from the Student State ID field.</p>	M	

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
exitWithdrawTypeDescriptor	<p>A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table.</p> <p>Reports the Ed-Fi Code Value from the End Status selected.</p> <p>When blank, does not report.</p>	O	<p>Student Information &gt; General &gt; Enrollments &gt; General Enrollment Information &gt; End Status</p> <p>Enrollment.endstatus</p>
<b>localEducationAgencyEntryDate</b>	<p>Reports the student's earliest date of entry at the district.</p> <p>Reports the value from Enrollment Override location.</p> <p>When the Override location is NULL, reports based on the following:</p> <ul style="list-style-type: none"> <li>• When the previous school year does not have an exit code (endStatus) = 1, 5, or 6, then reports the earliest enrollment start date where the student consecutively attended in the current district.</li> <li>• Otherwise, reports the current enrollment start date.</li> </ul>	M	<p>Student Information &gt; General &gt; Enrollments &gt; State Reporting Fields &gt; Entry into District Override</p> <p>EnrollmentKS.districtDate</p>

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
<b>stateEntryDate</b>	<p>Reports the student's earliest date of entry at a school in the state.</p> <p>Reports the value from Enrollment Override location.</p> <p>When the Enrollment Override location is NULL, reports based on the following:</p> <ul style="list-style-type: none"> <li>• When the previous school year does not have an exit code (endStatus) = 1, 2, 4, 5, 6 or 15, then reports the earliest enrollment start date where the student consecutively attended in the current state.</li> <li>• Otherwise, reports the current enrollment start date.</li> </ul>	M	<p>Student Information &gt; General &gt; Enrollments &gt; State Reporting Fields &gt; Entry into State Override</p> <p>EnrollmentKS.stateDate</p>

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
membershipDays	<p>Report the number of days the student has been enrolled in this school when school was in session during the current school year.</p> <p>Calculation: Membership Days = Days present + Days absent.</p> <p><b>Notes:</b> When exit code (endStatus) = 18 (Student Data Claimed in Error), reports 0 (zero) for Membership Days.</p> <p>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.</p>	O	Calculated

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
attendanceDays	<p>The number of days the student has been present in this school when school was in session during the current school year.</p> <p>Calculation: Attendance Days = Membership Days - Days absent.</p> <p><b>Notes:</b> When exit code (endStatus) = 18 (Student Data Claimed in Error), report '0' (zero) for Attendance Days.</p> <p>Part-time students should be marked as a full day of attendance when they were present for all of their scheduled time.</p> <p>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.</p>	O	Calculated



Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
minutesEnrolled	<p>Total number of instructional minutes for which the student is enrolled.</p> <p>When the "Sept 20th Rule" OR the "Feb 20th Rule" is marked, Minutes Enrolled = 0.</p> <p>When neither is marked, reports Minutes Enrolled from the Enrolled Minutes Override field</p> <p>When the Enrolled Minutes Override is blank, calculate daily minutes as follows:</p> <ol style="list-style-type: none"> <li>1. Find a week where all 5 days are instructional: <ul style="list-style-type: none"> <li>◦ Sum all period minutes student is scheduled into.</li> <li>◦ Subtract lunch time minutes.</li> <li>◦ Add the minutes between periods when the amount of time between periods is <math>\leq 10</math> minutes for each day that week.</li> <li>◦ Subtract minutes from one lunchtime passing period each day - either before or after lunch NOT both.</li> <li>◦ Divide by 5. Round value to the nearest whole number</li> </ul> </li> </ol>	O	<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>

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
unweightedGradePointAverage	<p>Student's unweighted cumulative GPA. Only reports for students who graduated with a regular high school diploma.</p> <p>When a student has an exit code (endStatus) = 8, report as follows:</p> <ul style="list-style-type: none"> <li>• When unweighted cumulative GPA = blank, reports blank.</li> <li>• Otherwise, when unweighted cumulative GPA &gt; 4.00, report 4.00.</li> <li>• Otherwise, report value.</li> </ul> <p>Otherwise, does not report.</p>		<p>Student Information &gt; General &gt; Enrollments &gt; General Enrollment Information &gt; Local End Status</p> <p>Student Information &gt; General &gt; Credit Summary &gt; Cumulative GPA</p>

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
qualifiedfor504Descriptor	<p>Indicates the type of 504 qualification of the student.</p> <p>Assigns qualifiedfor504Descriptor value based on the following logic:</p> <ol style="list-style-type: none"> <li>1. When the student has a section 504 record that overlaps the config year AND End Date is null OR &gt;= today's date, reports: <ul style="list-style-type: none"> <li>◦ Currently a 504 qualified student" (KIDs value 1)</li> </ul> </li> <li>2. Otherwise, when a student has a section 504 record that overlaps the config year AND End date &lt; today's date, reports: <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>3. Othterwise, reports: <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> </ol>		<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>

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
cteContactMinutes	<p>Number of minutes student received instruction in a state funding approved career and technical education course.</p> <p>Report students in grades 9-12 and secondary students who are not graded.</p> <p>Reports value specified or blank when none was entered.</p>	O	<p>Student Information &gt; General &gt; Enrollment &gt; State Reporting Fields &gt; Tech Ed Minutes</p> <p>EnrollmentKS.vocationalMinutes</p>
individualPlanOfStudy	<p>Indicates whether a student in grades 11-17 has an Individual Plan of Study (IPS).</p> <p>For students in grades 11-17, report:</p> <ul style="list-style-type: none"> <li>• 0 when student does not have an IPS</li> <li>• 1 when an IPS exists with a start date that overlaps the config year</li> </ul> <p>Reports blank for all other students.</p>	O	<p>Student Information &gt; Program Participation &gt; State Programs &gt; Individual Plan of Study</p>
creditsEarned	<p>For students assigned to a Graduation Program, reports the number of completed credits earned towards High School graduation.</p> <p>When the student is assigned to a Graduation Program which overlaps the config year, report total Credits Earned.</p> <p>Otherwise, reports blank.</p> <p><b>**Only reports for students enrolled in state code 14,15,16, or 17.</b></p>		<p>Student Information &gt; Academic Planning &gt; Graduation Program &gt; Graduation Program Detail</p> <p>Program.programCategory Program.name</p> <hr/> <p>Transcript &gt; Credits Earned</p> <p>TranscriptCredit.creditsEarned</p>

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
creditRequiredtoGraduate	<p>For students assigned to a Graduation Program, reports the number of completed credits required towards High School graduation.</p> <p>When the student is assigned to a Graduation Program with dates overlaps the config year, report total Credits Earned. Otherwise, reports blank.</p> <p>**Only reports for students enrolled in state code 14,15,16, or 17.</p>		<p>Student Information &gt; Academic Planning &gt; Graduation Program &gt; Graduation Program Detail</p> <p>Transcript &gt; Credits Earned</p>

## Type/Descriptor

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