

# Student School Association (Nebraska v3.6)

Last Modified on 10/21/2024 8:22 am CDT

[Object Triggering Logic](#) | [Resource Toggle and Resync Logic](#) | [Natural Key Changes, Cascading Updates, and Deletes Logic](#) | [Scope Year Logic](#) | [Resource Preferences](#) | [Identity Mapping Object Key](#) | [Event Queue Detail](#) | [Object Data Elements](#) | [Rule 18 Interim-Program School Program Object Data Elements](#) | [Type/Descriptor](#)

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 more than one 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 an enrollment with a higher priority is deleted, the enrollment with lower priority posts a new record.</li> <li>Does not send records when the Calendar Exclude check box is checked in the calendar the student is enrolled.</li> <li>Does not send records when the School Exclude check box is checked in the calendar the student is enrolled.</li> <li>Does not send a record when the No Show check box is checked.</li> <li>When the Secondary School field is populated, report information from this new school as an override to the current school.</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 &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	<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 checkbox is marked.

## 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 sends.
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 ID changes, all data remains under the old number and a resync needs to be completed to populate data under the new number. The delete tool needs to be used to remove all data from the old School ID. 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 are 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> <ul style="list-style-type: none"> <li>Student Parent Associations, Student Education Organization Associations, Student Section Associations, Graduation Plans, Student Program Associations, Student CTE Program Associations, Student Special Education Program Associations, Student Title 1 Part A Program Associations, Student Academic Records, Course Transcripts, Grades, Student Discipline Incident Associations, Discipline Actions, Student Cohort Associations, Student School Attendance Events, Student Section Attendance Events</li> </ul>

## Scope Year Logic

This table describes scope year logic of this object.

Logic
The record sends to the scope year for the school year the enrollment is associated with.
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
Residency Status Descriptors	Enrollment Resident 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 Requirement	M, C or O	Data Source GUI Path
id	The unique identifier of the resource.	M	
<b>entryDate</b>	The month, day, and year on which an individual enters and begins to receive instructional services in a campus.  Reports the enrollment start date.	M	Student Information> General: Enrollments> Start Date  enrollment.startdate
calendarReference	A reference related to the Calendar resource.  Reports the Calendar reference for the calendar in which the student is enrolled that is being reported.	O	

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path
classOfSchoolYearTypeReference	<p>The year the student is expected to graduate.</p> <p>Reports the year selected in Student Info &gt; General &gt; Graduation. &gt; NCLB Cohort End Year.</p> <ul style="list-style-type: none"> <li>Does not report when NCLB Cohort End Year is null.</li> </ul>	C	
graduationPlanReference	<p>A reference to the related GraduationPlan resource.</p> <p>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.</p> <ul 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> </ul> <p>Report the Graduation Plan School year that is aligned to the student's NCLB Cohort End Year.</p> <ul style="list-style-type: none"> <li>If the student does not have a NCLB Cohort End Year, do not report a record.</li> </ul> <p>If the student has both a CTE &amp; Graduation Plan, report the Graduation Plan.</p> <p>If the student has more than 1 Graduation Plan, report the plan with the most recent start date.</p>	O	
<b>schoolReference</b>	<p>A reference to the related School resource.</p> <p>Reports the fields that are part of the Natural Key for the School resource.</p>	M	
schoolYearTypeReference	<p>The school year the student is being reported in.</p> <p>Reports the end year of the calendar.</p>	O	
<b>studentReference</b>	<p>A reference to the related Student resource.</p> <p>Report the reference for the student being reported.</p>	M	

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path
educationPlans	<p>An unordered collection of studentSchoolAssociationEducationPlans. This association represents the school in which a student is enrolled.</p> <p>This is optional, does not report.</p>	O	
employedWhileEnrolled	<p>An individual who is a paid employee or works in his or her own business, profession, or farm and at the same time is enrolled in secondary, postsecondary, or adult education.</p> <p>This is optional, does not report.</p>	O	
entryGradeLevelDescriptor	<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> <p>Report the Ed-Fi Code from the Grade Level mapping for the grade selected on the student's enrollment.</p> <p>If a mapping is not available, the record will error.</p>	M	Student Information> General: Enrollments> Grade
entryGradeLevelReasonDescriptor	<p>A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table.</p> <p>This is optional, does not report.</p>	O	
entryTypeDescriptor	<p>A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table.</p> <p>Report the Ed-Fi Code Value mapped to the Start Status selected.</p> <p>When blank, does not report.</p>	O	Student Information> General: Enrollments> Start Status  enrollment.startstatus
exitWithdrawDate	<p>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.</p> <p>Report the enrollment end date.</p>	O	Student Information> General: Enrollments> End Date  enrollment.enddate

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path
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>Report the Ed-Fi Code Value from the End Status selected.</p> <p>If blank, do not report.</p>	O	<p>Student Information&gt; General: Enrollments&gt; End Status</p> <p>enrollment.endstatus</p>
primarySchool	<p>Indicates if a given enrollment record should be considered the primary record for a student. If omitted, the default is true.</p> <p>Report 'True' if Service Type = P: Primary.</p> <p>Otherwise, report 'False'.</p>	O	<p>Student Information&gt; General: Enrollments&gt; Service Type</p> <p>enrollment.type</p>
repeatGradeIndicator	<p>An indicator of whether the student is enrolling to repeat a grade level, either by failure or an agreement to hold the student back.</p> <p>Look at the student's last enrollment record prior to the enrollment that is reporting and report the following:</p> <p>Report 'True' if End Action is = R: Retain.</p> <p>Report 'False' if the End Action = P: Promote, D: Detain or NULL.</p> <ul style="list-style-type: none"> <li>The prior enrollments start date must be before the reporting enrollment's start date.</li> </ul>	O	<p>Student Information&gt; General: Enrollments&gt; End Action</p> <p>enrollment.endAction</p>

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path
residencyStatusDescriptor	<p>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.</p> <p>Report 'Resident of admin unit and school area' if the Resident and Serving District fields are either NULL or = to the reporting district.</p> <ul 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> </ul> <p>Report 'Resident of admin unit, but other school area' when the Serving District is not = to Reporting District.</p> <ul 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> </ul> <p>Report 'Resident of this state, but not of this admin unit' when the Resident District is not = Reporting District.</p> <ul 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> </ul>		<p>Student Information&gt; General: Enrollments&gt;</p> <p>enrollment.residentdistrict</p> <p>and/or</p> <p>enrollment.servingdistrict</p>
schoolChoiceTransfer	<p>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.</p> <p>Reports 'True' when the checkbox is checked.</p> <p>Reports 'False' when the checkbox is not checked.</p>	O	<p>Student Information&gt; General: Enrollments&gt; School Choice</p> <p>enrollment.schoolChoiceProgra</p>

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path
districtOfResidenceReference	<p>This association indicates any relationship between a student and an education organization other than however the state views enrollment.</p> <p>Reports the district number selected in the Home District field on the enrollment being reported.</p> <ul style="list-style-type: none"> <li>report the default value if populated.</li> </ul> <p>If Home District is NULL, report the District Number of where the student is enrolled.</p> <ul style="list-style-type: none"> <li>The format for this field must be 'XX-XXXX'.</li> </ul>	M	<p>Student Information&gt; General: Enrollments&gt; Home District Or System Admin&gt; Resources&gt; District&gt; District Number</p> <p>enrollment.residentdistrict</p> <p>or</p> <p>district.number</p>
schoolOfResidenceReference	<p>Reports when populated on student enrollment.</p> <p>Report as xx-xxxx-xxx</p> <p>Example: Home District Number 280017 +Resident School Number 007 will report as 28-0017-007.</p>	M	<p>Student Information&gt; General: Enrollments&gt; School of Assignment</p>
reportingSchoolReference	<p>A reference to the related School resource.</p> <p>The identifier assigned to a school by the State Education Agency (SEA).</p>	R	<p>System Administration &gt; Resources &gt; School &gt; State School Number</p>
ExpectedHighSchoolofGraduation	<p>An indication of where the student is expected to graduate from.</p> <p>If the student is expected to graduate from a High School that the student is currently NOT enrolled in, report that information from the Expected Grad High School field on enrollment.</p> <p>If the student will be graduating from the school they are currently enrolled in, we do not need to report this field.</p>	C	<p>Student Info&gt; General&gt; Enrollment&gt; State Reporting&gt; Expected Grad High School</p>
FullTimeEquivalency	<p>An indication of the students FTE.</p> <p>Send the value provided in enrollment &gt; Percent Enrolled. If blank, report 100%.</p> <p>100% = 1.0 (75% = .75, 50% = .50, 25% = .25, etc.)</p>	C	<p>Student Info&gt; General&gt; Enrollment&gt; Percent Enrolled</p>



Data Element Label	Business Requirement	M, C or O	Data Source GUI Path
StudentDaysEnrolled	An override field for student calendars.  Send this data if the Student Days Enrolled field is populated. If not, do not report.	C	Student Info> General> Enrollment> Student Days Enrolled
etag			

## Rule 18 Interim-Program School Program Object Data Elements

This table describes data elements sent within the Student School Association resource for Rule 18 students. See the [Rule 18 Interim-Program School Program Reporting](#) article for additional information.

Data Element	Business Requirements and Rules	M, C, or O	Database Location
<b>entryDate</b>	The month, day, and year on which an individual enters and begins to receive instructional services in a campus.  Reports the Enrollment Start Date.	M	Enrollments > Start Date  Enrollment.startDate
calendarReference	A reference related to the Calendar resource.  Reports the Calendar reference for the calendar in which the student is enrolled that is being reported.	M	N/A
<b>schoolReference</b>	A reference to the related Schools resource.  Reports the Schools resource of the school in which the Rule 18 program record was created	M	Programs Fact tool
<b>studentReference</b>	A reference to the related Student resource.  Reports the reference for the student being reported.	M	N/A

Data Element	Business Requirements and Rules	M, C, or O	Database Location
entryGradeLevelDescriptor	<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> <p>Reports the Ed-Fi Code from the Grade Level mapping for the grade selected on the student's Enrollment. When a mapping is not available, the record errors.</p>	M	<p>Enrollments &gt; Grade</p> <p>Enrollments.grade</p>
entryTypeDescriptor	<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 a default value of 100 (Still Enrolled).</p>	M	N/A
residencyStatusDescriptor	<p>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.</p> <p>Reports a default value of 00 (Not applicable).</p>	M	N/A
fullTimeEquivalency	<p>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.</p> <p>When a value is entered into the Percent Enrolled field on the Enrollment tool, that value divided by 100 reports. Otherwise the default value entered divided by 100 reports. When no value is available, reports as 1.</p>	C	<p>Enrollments &gt; Percent Enrolled</p>
residentLocalEducationAgencyReference	<p>This association indicates any relationship between a student and an education organization other than however the state views enrollment.</p> <p>Reports the district number for the reporting school.</p>	M	<p>District Information &gt; District Number</p> <p>District.number</p>

Data Element	Business Requirements and Rules	M, C, or O	Database Location
reportingSchoolReference	<p>A reference to the related School resource.</p> <p>The identifier assigned to a school by the State Education Agency (SEA).</p>	M	School Information > State School Number

## Type/Descriptor

[Click here to expand...](#)

## Entry Grade Level Descriptors

Code Value	Description	Short Description
Adult Education	Adult Education	Adult Education
Early Education	Early Education	Early Education
Eighth grade	Eighth grade	Eighth grade
Eleventh grade	Eleventh grade	Eleventh grade
Fifth grade	Fifth grade	Fifth grade
First grade	First grade	First grade
Fourth grade	Fourth grade	Fourth grade
Grade 13	Grade 13	Grade 13
Infant/toddler	Infant/toddler	Infant/toddler
Kindergarten	Kindergarten	Kindergarten
Ninth grade	Ninth grade	Ninth grade
No grade level	No grade level	No grade level
Other	Other	Other
Postsecondary	Postsecondary	Postsecondary
Preschool/Prekindergarten	Preschool/Prekindergarten	Preschool/Prekindergarten
Second grade	Second grade	Second grade
Seventh grade	Seventh grade	Seventh grade
Sixth grade	Sixth grade	Sixth grade
Tenth grade	Tenth grade	Tenth grade
Third grade	Third grade	Third grade
Twelfth grade	Twelfth grade	Twelfth grade
Ungraded	Ungraded	Ungraded

## Entry Type Descriptors

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
100	Still Enrolled	Still Enrolled
101	Original Entry	Original Entry
102	Transfer In	Transfer In
103	Re-entry	Re-entry

## Exit Withdraw Type Descriptors

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
200	Transfer Out; Intra-District	Transfer Out;Intra-District
201	Transfer Out	Transfer Out
202	Drop Out	Drop Out
203	Completer: Diploma	Completer: Diploma
204	Completer: No Diploma	Completer: No Diploma
205	Not Enrolled; Eligible to Return	No Enrolled; Eligible to Return
206	Deceased	Deceased
208	Maximum Age	Maximum Age
209	Withdrawal from Mandatory Attendance	Withdrawal from Mandatory Attendance
299	End of School Year	End of School Year

## Residency Status Descriptors

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
00	Not applicable	Not applicable
01	Contracted in from another Nebraska public school district	Contracted in from another Nebraska public school district
02	Contracted in from nonpublic school	Contracted in from nonpublic school
03	Contracted in from another state	Contracted in from another state
04	NCLB School Choice Student	NCLB School Choice Student
05	Contracted out to another Nebraska public school district	Contracted out to another Nebraska public school district
06	Optioning in from another Nebraska public school district	Optioning in from another Nebraska public school district
07	Contracted out to another state	Contracted out to another state
08	Learning Community Open Enrollment	Learning Community Open Enrollment