Student School Associations (Vermont v3.6)

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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	When a new enrollment is saved for a student. A record reports 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, reports from the enrollment service type in the following order:
	   1. P: Primary Enrollment
	   2. S: Partial/Ancillary
	   3. N: Special Ed Services
	• When a student has two Primary enrollments in the same school with the same start date, posts the record with the highest enrollment ID.
	• When an enrollment with a higher priority is deleted, the enrollment with lower priority posts a new record.
	• Does not send records when the Calendar Exclude check box is marked on the calendar in which the student is enrolled.
	• Does not send records when the School Exclude check box is marked on the calendar in which the student the student is enrolled.
	• Does not send a record when the No Show check box is marked.

Post	When the start date for an enrollment is changed. • When an enrollment with a lower priority is changed, data does not send.
Put	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 marked or unmarked. • 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.
Delete	When an enrollment is deleted. • When a student has two enrollments in the same school for the same start date, records with lower priority do not trigger a delete.
Delete	When the start date of an enrollment is changed.
Delete	When the No Show check box 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 is sent.
Put	When the natural key of the Calendar Reference is changed, a put is done to update the Calendar Reference evenwhen 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	Natural Key changes: • When the School Number/Ed-Fi School Number changes, a delete/post occurs with the cascading deletes from the School ID Change triggers. • When an Ed-Fi ID changes, this happens with the cascading deletes from the Ed-Fi ID Change trigger. • 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.
Delete	Cascading Deletes: When the Student School Association is deleted, all dependent resources are deleted. • 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

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	
entryDate	Reports the student's earliest start date of the enrollment in the school. Reports the enrollment start date.	M	Student Information > Ge Enrollments > General Enrollment Information > 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	
classOfSchoolYearTypeReference	The year the student is expected to graduate. Reports the year selected in the NCLB Cohort End Year on the student's Graduation record. • When the NCLB Cohort End Year is not populated, does not report.	C	

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
graduationPlanReference	A reference to the related GraduationPlan resource. Reports 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. • The Program Participation record must overlap the enrollment(s) that are aligned to the Student School Association record(s) being reported. Reports the Graduation Plan School year that is aligned to the student's NCLB Cohort End Year. • When the student does not have a NCLB Cohort End Year, does not report a record. When the student has both a CTE and a Graduation Plan, reports the Graduation Plan. When the student has more than one Graduation Plan, reports the plan with the most recent start date	O	
schoolReference	A reference to the related School resource. Reports the fields that are part of the Natural Key for the School resource.	M	
schoolYearTypeReference	The school year in which the student is being reported. Reports the end year of the calendar.	O	
studentReference	A reference to the related Student resource. Reports the Ed-Fi ID from the Student State ID field.	M	
educationPlans	An unordered collection of studentSchoolAssociationEducationPlans. This association represents the school in which a student is enrolled. This is optional and does not report.	O	
employedWhileEnrolled	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. This is optional and does not report.	O	

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
entryGradeLevelDescriptor	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 from the Grade Level mapping for the grade selected on the student's enrollment. • When a mapping is not available, the record errors.	M	Student Information > Ge Enrollments > Grade Enrollment.grade
entryGradeLevelReasonDescriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table. This is optional and does not report.	O	
entryTypeDescriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table. • Reports the Ed-Fi Code Value mapped to the Start Status selected. • When blank, does not report.	O	Student Information > Ge Enrollments > Start Statu Enrollment.startStatus
exitWithdrawDate	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. NEDM: Exit/Withdraw Date Reports the enrollment end date.	O	Student Information > Ge Enrollments > End Date Enrollment.endDate
exitWithdrawTypeDescriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table. Reports the Ed-Fi Code Value from the End Status selected. When blank, does not report.	O	Student Information > Ge Enrollments > General Enrollment Information > Status Enrollment.endstatus
primarySchool	Indicates if a given enrollment record should be considered the primary record for a student. If omitted, the default is true. • Reports True when the Enrollment Service Type is P: Primary. • Otherwise, reports False.	O	Student Information > Ge Enrollments > Service Typ Enrollment.type

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
repeatGradeIndicator	An indicator of whether the student is enrolling to repeat a grade level, either by failure or an agreement to hold the student back. Looks at the student's last enrollment record prior to the enrollment that is reporting and report the following: • Reports True when End Action is R: Retain. • Reports False when the End Action is P: Promote, D: Detain or not populated. ◦ The prior enrollment's start date must be before the reporting enrollment's start date.	O	Student Information > Ge Enrollments > End Action Enrollment.endAction
residencyStatusDescriptor	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. Reports the **Resident of admin unit and school area** when the Resident and Serving District fields are either NULL or equal to the reporting district. • This can be any combination of NULL or populated (ex. Serving District can be NULL and Resident District is equal to reporting District). Reports the **Resident of admin unit, but other school area** when the Serving District is not equal to Reporting District. • The Resident District must be NULL or equal to the reporting district to report. When not, reports blank. Reports **Resident of this state, but not of this admin unit** when the Resident District is not equal to the Reporting District. • The Serving District must be NULL or equal to the reporting district to report. When not, then report blank.		Student Information > Ge Enrollments > Resident D Enrollment.residentDistric Enrollment.servingDistrict
schoolChoiceTransfer	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. • Reports True when the checkbox is marked. • Reports False when the checkbox is not marked.	O	Student Information > Ge Enrollments > School Cho Enrollment.schoolChoiceP

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
fullTimeEquivalency	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. This is optional and does not report.	O	

Type/Descriptor

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