

Students (Vermont v3.6)

Last Modified on 12/14/2025 8:45 pm CST

[Object Triggering Logic](#) | [School Exclude, Calendar Exclude, 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](#)

Tool Search: Ed-Fi

This resource represents an individual for whom instruction, services, and/or care are provided in an early childhood, elementary, or secondary educational program under the jurisdiction of a school, education agency, or other institution or program. A student is a person who has been enrolled in a school or other educational institution.

A Student School Association record must be sent in order to see/access a Student record in the ODS. This is the security protocol set by Ed-Fi, you cannot see the Student record until they are associated to a School through the SSA record.

The Student Resource is a shared record among all districts. If two districts have the same student in the same year, the last district to trigger data to Ed-Fi is the data stored in Ed-Fi.

For example, if one district put in a first name of "Robert" and the second district put in a first name of "Rob", the last district to update the student record is what will appear in Ed-Fi and on both District's reports. This is true for all field logic in the Student Resource.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When an enrollment is created and saved for a person and the enrollment overlaps a configured year. <ul style="list-style-type: none">• Does not send a record when an enrollment is marked as No Show.• Does not send a record when an enrollment is in a Calendar marked as State Exclude.• Does not send a record when enrollment is in a School marked as State Exclude.

Action	Trigger
Put	<p>When any student data is edited for the person in the Data Elements fields below.</p> <ul style="list-style-type: none"> When the person's identity record is changed in one of the following fields: <ul style="list-style-type: none"> Birth City Birth Country Birth Date Gender Birth State Date Entered US First Name Suffix Last Name, Middle Name.
Delete	Student records are never deleted because Student records are a shared resource among all districts.

School Exclude, Calendar Exclude, Resource Toggle and Resync Logic

This table describes the School Exclude, Calendar Exclude, Resource Toggle and Resync 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.
Resync	When an Ed-Fi Code mapping is changed to a new code or made NULL, a resync must be performed for the data to be updated in the ODS.

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	<p>Natural Key change: Ed-Fi ID</p> <ul style="list-style-type: none"> When an Ed-Fi ID is changed for a student, all data for the previous number are deleted and resent under the new number.

Action	Business Rule			
Delete	<p>Cascading Deletes: The following resources are deleted and resent when the Ed-Fi ID is changed.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> <ul style="list-style-type: none"> • Student Parent Associations • Student Education Organization Associations • Student School Associations • Student Section Associations • Graduation Plans • Student Program Associations • Student CTE Program Associations • Student Special Education Program Associations </td><td style="width: 50%;"> <ul style="list-style-type: none"> • 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 </td></tr> </table>		<ul style="list-style-type: none"> • Student Parent Associations • Student Education Organization Associations • Student School Associations • Student Section Associations • Graduation Plans • Student Program Associations • Student CTE Program Associations • Student Special Education Program Associations 	<ul style="list-style-type: none"> • 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
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Scope Year Logic

This table describes scope year logic of this object.

Logic
<p>A record reports when an enrollment is created and saved that is aligned to a configured year.</p> <ul style="list-style-type: none"> • The enrollment must overlap with the configured year to report. • Data only sends for the years that have valid configuration.
<p>When using data in Campus that has a single date, the following logic is applied to determine the scope year(s) in which to report data:</p> <ul style="list-style-type: none"> • Current Year: The record must overlap the current year. • Previous Years: The record's date must be on or before the schools year's end date defined in the School Years editor. If blank, the default date of 6/30/yyyy is used. • Future Years: The record's date must be on or after the schools year's start date defined in the School Years editor. If blank, the default date of 7/01/yyyy is used.
<p>When using data in Campus that has start and end dates, the following logic is applied to determine the scope year(s) in which to report data:</p> <ul style="list-style-type: none"> • Current Year: The record must overlap the current year. • Previous Years: The record's start date must be on or before the school year's end date and the record's end date must be after the school year's end date defined in the School Years editor. When blank, the default date of 6/30/yyyy is used. • Future Years: The record's start date must be on or before the schools year's start date and the record's end date must be on or after the school year's start date defined in the School Years editor. When blank, the default date of 7/01/yyyy is used.

Resource Preferences

This table describes the Resource Preferences of this object.

Data Element Label	Mapping Needed	Database field
birthCountryDescriptor	Birth Country Override	identity.birthcountry
birthStateDescriptor	Birth State Override	identity.birthstate

Identity Mapping Object Key

This table describes the Identity Mapping Object Key of this object.

campusObjectType	Object Key Data Source
Person	personID

1. When a Student and Student School Association record has been sent for a student, a Student and Student School Association record is logged in the Ed-Fi Identity Mapping table. When the student's enrollment is deleted or their Ed-Fi ID is changed while the Student and/or Student School Association Resource Preference is turned off, the old record and resource ID remains in the table until the resource is turned back on and a resync is performed on either Students or Student School Associations.
2. The Students and Student School Associations records are deleted from the identity mapping table if all enrollments that were sent to Ed-Fi are deleted.

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.
identity	Put	<ul style="list-style-type: none"> • birthCity • birthCountryDescriptor • birthDate • birthSexDescriptor • birthStateAbbreviationDescriptor • dateEnteredUS <div style="display: flex; justify-content: space-between;"> <ul style="list-style-type: none"> • firstName • lastSurname • generationCodeSuffix • middleName • otherNames </div>
person	Post/Delete	studentUniqueID

Object Data Elements

This table describes data elements sent within the Student resource.

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
id	The unique identifier of the resource.	M	
studentUniqueId	<p>A unique alpha-numeric code assigned to a student. Reports the Ed-Fi ID.</p> <p>Reports the Ed-Fi ID.</p>	M	<p>Census > People > Demographics > Ed-Fi ID</p> <p>Person.edFiID</p>
birthCity	<p>The city the student was born in.</p> <p>Reports the Birth City if populated on the Demographics tab.</p>	O	<p>Census > People > Demographics > Birth City</p> <p>Identity.birthCity</p>

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
birthCountryDescriptor	<p>The country in which an individual is born. It is strongly recommended that entries use only ISO 3166 2-letter country codes.</p> <p>Reports the Country from the Birth Country saved on the student's current identity record.</p> <ul style="list-style-type: none"> • Looks for a mapping saved to the Birth Country Descriptor Override section in preferences. When there is a mapped value, report that mapping. • When an override is not there, looks to see whether the Code matches an Ed-Fi code. When yes, reports that value. • Reports the default value when saved on the Attribute and the code matches an Ed-Fi code. <p>Otherwise, reports NULL.</p>	O	<p>Census > People > Identities > Birth Country</p> <p>Identity.birthCountry</p>

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
birthDate	<p>The month, day, and year on which an individual was born.</p> <p>Reports the Birth Date from the student's current identity record.</p>	M	<p>Census > People > Identities > Birth Date</p> <p>Identity.birthDate</p>
birthInternationalProvince	<p>For students born outside of the U.S., the Province or jurisdiction in which an individual is born.</p> <p>This is optional, does not report.</p>	O	

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
birthSexDescriptor	<p>A person's gender at birth.</p> <ol style="list-style-type: none"> 1. Reports the Legal Gender from the student's current identity record. <ul style="list-style-type: none"> ◦ When null, reports the student's Gender from the current Identity record. 2. Reports the following based on the value selected in the dropdown. <ul style="list-style-type: none"> ◦ Female reports as 'Female'. ◦ Male reports 'Male'. ◦ Blank reports 'Not Selected'. 	O	<p>Census > People > Identities > Legal Gender Identity.LegalGender</p> <hr/> <p>Census > People > Identities > Gender Identity.gender</p>

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
birthStateAbbreviationDescriptor	<p>The abbreviation for the name of the state (within the United States) or extra-state jurisdiction in which an individual was born.</p> <p>Reports the State from the Birth State saved on the student's current identity record.</p> <ul style="list-style-type: none"> • Looks for a mapping saved to the Birth State Abbreviation Type Override section in preferences. When there is a mapped value, reports that mapping. • When an override is not there, looks to see whether the Code matches an Ed-Fi code. When yes, reports that value. • Reports the default value when saved on the Attribute and the code matches an Ed-Fi code. <p>Otherwise, reports NULL.</p>	O	<p>Census > People > Demographics > Birth State</p> <p>Identity.birthstate</p>

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
citizenshipStatusDescriptor	<p>An indicator of whether or not the person is a U.S. citizen.</p> <p>This is optional, does not report.</p>	O	
dateEnteredUS	<p>For students born outside of the US, the date the student entered the US.</p> <p>Reports the Date Entered US when date is entered.</p> <p>Does not report when date is blank.</p>	O	<p>Census > People > Identities > Date Entered US</p> <p>Identity.dateEnteredUS</p>
firstName	<p>A name given to an individual at birth, baptism, or during another naming ceremony, or through legal change.</p> <p>Reports from the current identity record:</p> <ul style="list-style-type: none"> Reports first from the legal name fields, reports the legal first name. When Legal First and Last name fields are blank, reports the first Name. 	M	<p>Census > People > Identities > Legal First Name</p> <p>Identity.legalFirstName</p> <hr/> <p>Census > People > Identities > First Name</p> <p>Identity.firstName</p>

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
generationCodeSuffix	<p>An appendage, if any, used to denote an individual's generation in his family (e.g., Jr., Sr., III).</p> <p>Reports from the current identity record.</p> <ul style="list-style-type: none"> Reports first from the legal name fields, report Legal Suffix. When Legal First Name and Legal Last Name are populated and Legal Suffix is blank, reports blank. When Legal First and Last name fields are blank, reports Suffix (when available). <p>Otherwise, reports blank.</p>	O	<p>Census > People > Identities > Legal Suffix Identity.legalSuffix</p> <hr/> <p>Census > People > Identities > Suffix identity.suffix</p>
identificationDocuments	<p>Describes the documentation of citizenship.</p> <p>This is optional, does not report.</p>	O	

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
lastSurname	<p>The name borne in common by members of a family.</p> <p>Reports from the current identity record:</p> <ul style="list-style-type: none"> Reports first from the legal name fields, report Last Name. When Legal First and Last name fields are blank, reports the Last Name. 	M	<p>Census > People > Identities > Legal Last Name</p> <p>Identity.legalLastName</p> <hr/> <p>Census > People > Identities > Last Name</p> <p>identity.lastName</p>
maidenName	<p>The person's maiden name.</p> <p>This is optional, does not report.</p>	O	N/A

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
middleName	<p>A secondary name given to an individual at birth, baptism, or during another naming ceremony.</p> <p>Reports from the current identity record.</p> <p>Reports first from the legal name fields, report legal middle name.</p> <ul style="list-style-type: none"> When Legal First Name and Legal Last Name are populated and Middle Name is blank, reports blank. When all legal name fields are blank, reports from middle name. <p>Otherwise, reports blank.</p>	O	<p>Census > People > Identities > Legal Middle Name</p> <p>Identity.legalMiddleName</p> <hr/> <p>Census > People > Identities > Middle Name</p> <p>Identity.middleName</p>
multipleBirthStatus	<p>Indicator of whether the student was born with other siblings (i.e., twins, triplets, etc.).</p> <p>This is optional, does not report.</p>	O	N/A

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
otherNames	<p>Other names (e.g., alias, nickname, previous legal name) associated with a person.</p> <ul style="list-style-type: none"> Reports the data from the previous Identity for a student. Must have more than one Identity for this to report. See Array section below for data logic for each field. 	O	Census > People > Identities
personalIdentificationDocuments	<p>The documents presented as evident to verify one's personal identity; for example: drivers license, passport, birth certificate, etc.</p> <p>This is optional, does not report.</p>	O	
personalTitlePrefix	<p>A prefix used to denote the title, degree, position or seniority of the person.</p> <p>This is optional, does not report.</p>	O	N/A
visas	<p>An indicator of a non-US citizen's Visa type.</p> <p>This is optional, does not report.</p>	O	

Data Element Label	Business Requirements and Rules	Mandatory, Conditional, or Optional	Location
_etag	A unique system-generated value that identifies the version of the resource.	O	

Array Data Elements

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This table describes the array data elements for the Student Other Name element:

Data Element Label	Business Requirements and Business Rules	Mandatory, Conditional, or Optional	Location
otherNameTypeDescriptor	<p>The unique identifier of the resource.</p> <p>Reports "Previous Legal Name".</p> <p>**Not reporting any other name types. See link to Other Name Types below for other name types.</p>	M	
firstName	<p>A name given to an individual at birth, baptism, or during another naming ceremony, or through legal change. NEDM First Name.</p> <p>Reports the first name from the student's current identity record.</p>	M	<p>Census > People > Identities > First Name</p> <p>Identity.firstName</p>

Data Element Label	Business Requirements and Business Rules	Mandatory, Conditional, or Optional	Location
generationCodeSuffix	<p>An appendage, if any, used to denote an individual's generation in his family (e.g., Jr., Sr., III).</p> <p>Reports the suffix from the student's current identity record.</p> <p>When blank, does not report.</p>	C	Census > People > Identities > Suffix Identity.suffix
lastSurname	<p>The name borne in common by members of a family. NEDM Last Name/Surname.</p> <p>Reports the last name from the student's current identity record.</p>	M	Census > People > Identities > Last Name Identity.lastName
middleName	<p>A secondary name given to an individual at birth, baptism, or during another naming ceremony. NEDM Middle Name</p> <p>Reports the middle name from the student's current identity record.</p> <p>When blank, does not report.</p>	C	Census > People > Identities > Middle Name Identity.middleName
personalTitlePrefix	<p>A prefix used to denote the title, degree, position or seniority of the person.</p> <p>This is optional, does not report.</p>	C	N/A

Type/Descriptor

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This table describes the Ed-Fi Value mapped and reported for the Other Name Type Descriptors:

Code Value	Description	Namespace	Short Description
Alias	Alias	uri://ed-fi.org/OtherNameTypeDescriptor	Alias
Nickname	Nickname	uri://ed-fi.org/OtherNameTypeDescriptor	Nickname
Other Name	Other Name	uri://ed-fi.org/OtherNameTypeDescriptor	Other Name
Previous Legal Name	Previous Legal Name	uri://ed-fi.org/OtherNameTypeDescriptor	Previous Legal Name