Students (Missouri v3.6)

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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 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. - Does not send when an enrollment is marked as No Show. - Does not send a record when enrollment is in a Calendar marked as State Exclude. - Does not send a record when enrollment is in a School marked as State Exclude.
Put	- When any student data is edited for the person in the Data Elements fields below. - When the person's identity record is changed in one of the following fields: Birth Date, First Name, Suffix, Last Name, Middle Name.

Action	Trigger
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 sends.
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	• Natural Key change: Ed-Fi ID • When an Ed-Fi ID is changed for a student, all data for the previous number is deleted and resent under the new number.
Delete	Cascading Deletes: The following resources are deleted and resent when the Ed-Fi ID is changed. • 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, Student Title 1 Part A Program Associations, Student Academic Records, Course Transcripts, Grades, Student Discipline Incident Associations, Discipline Actions, Student Cohort Associations, Student Scool Attendance Events, Student Section Attendance Events

Scope Year Logic

This table describes scope year logic of this object.

Logic
- A record reports when an enrollment is created and saved that is aligned to a configured year.   - The enrollment must overlap with the configured year to report.   - Data only sends for the years that have valid configuration.
- 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: - 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. When blank, the default date of 6/30/xxxx 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. When blank, the default date of 7/01/xxxx is used.
- When using data in Campus that have start and end dates, the following logic is applied to determine the scope year(s) in which to report data: - 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/xxxx 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/xxxx is used.

Identity Mapping Object Key

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

campusObjectType	Object Key Data Source
Person	personID

- When a Student and Student School Association record has been sent for a student, a Student and Student School Association record will be 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.

- The Students and Student School Associations records is deleted from the identity mapping table when 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	birthCity, birthCountryDescriptor, birthDate, birthSexDescriptor, birthStateAbbreviationDescriptor, dateEnteredUS, firstName, lastSurname, generationCodeSuffix, middleName, otherNames
person	Post/Delete	studentUniqueID

Object Data Elements

This table describes data elements sent within the Student resource.

Data Element Label	Business Requirements and Rules	M or O	Data Source GUI Path Database Location
id	The unique identifier of the resource.	M	
studentUniqueId	A unique alpha-numeric code assigned to a student. Reports the Ed-Fi ID.	M	Demographics > Ed-Fi ID person.edfiId
birthDate	The month, day, and year on which an individual was born. Reports the Birth Date from the student's current identity record.	M	Identities > Birth Date identity.birthDate
birthSexDescriptor	A person's gender at birth. Reports the Legal Gender from the student's current identity record. When null, reports the student's Gender from the current Identity record. Reports the following based on the value selected in the dropdown: • Female reports as Female. • Male reports as Male. • Blank reports as Not Selected.	O	Identities > Legal Gender OR Identities > Gender identity.LegalGender or identity.gender

Data Element Label	Business Requirements and Rules	M or O	Data Source GUI Path Database Location
firstName	A name given to an individual at birth, baptism, or during another naming ceremony, or through legal change. Reports first from the Legal First Name field from the Protected Identity Information area. When blank, reports from the Demographics First Name field.	M	Identities > Protected Identity Information > Legal First Name OR Demographics Identities > First Name identity.legalFirstName OR identity.firstName
generationCodeSuffix	An appendage, if any, used to denote an individual's generation in his family (e.g., Jr., Sr., III). Reports first from the Legal Suffix field from the Protected Identity Information area. When blank, reports from the Demographics Suffix field. Otherwise, reports as blank.	O	Demographics > Identities > Protected Identity Information > Legal Suffix OR Demographics > Identities > Suffix identity.legalSuffix OR identity.suffix
lastSurname	The name borne in common by members of a family. Reports first from the Legal Last Name field from the Protected Identity Information area. When blank, reports from the Demographics Last Name field.	M	Demographics > Identities > Protected Identity Information > Legal Last Name OR Demographics > Identities > Last Name identity.legalLastName OR identity.lastName

Data Element Label	Business Requirements and Rules	M or O	Data Source GUI Path Database Location
middleName	A secondary name given to an individual at birth, baptism, or during another naming ceremony. Reports first from the Legal Middle Name field from the Protected Identity Information area. When blank, reports from the Demographics Middle Name field. Otherwise, reports as blank.	O	Demographics > Identities > Protected Identity Information > Legal Middle Name OR Demographics > Identities > Middle Name identity.legalMiddleName OR identity.middleName

Type/Descriptors

Ed-Fi Code	Description	Namespace	Short Description
Male	Male	uri://ed-fi.org/SexDescriptor	Male
Female	Female	uri://ed-fi.org/SexDescriptor	Female