

# Ed-Fi 3.x Student Education Organization Association Entity Mapping

## Overview

This document defines the mapping of Aeries data to the Ed-Fi data standard.



**Document Version** 1.0

**Last Updated** 07 Nov 2021

## Status

Ready for v3 certification.

## Description

This association represents student information as reported in the context of the student's relationship to the Education Organization. Enrollment relationship semantics are covered by StudentSchoolAssociation.

## Student Education Organization Association Links

### Mapping v3.2.0-c

<https://mappingedu.ed-fi.org/#!/entity/13066848-e7ba-ea11-80df-005056b36109/info?dataStandardId=7ec6133d-e7ba-ea11-80df-005056b36109>

### Schema v3.2.0-c

<https://schema.ed-fi.org/datahandbook-v320c/#!/StudentEducationOrganizationAssociation3052>

### API v3.4.0

<https://api.ed-fi.org/v3.4.0/docs/index.html#/studentEducationOrganizationAssociations>

### Scenarios v3

<https://techdocs.ed-fi.org/display/EDFICERT/v3+Student+Enrollment+%3E+StudentEdOrgAssociation+Scenarios>

## Natural Key

- EducationOrganizationId
- StudentUniquelId

## Used By

None

## Entity Mapping

Parent	Property	Type	Required	Table	Field	Other	Code / Notes
\	educationOrganizationReference		Identity				
educationOrganizationReference	educationOrganizationId	Integer	Identity			SCXT	OdsConfiguration.DistrictId, OutOfDistrictSchoolCode, School of Enrollment
\	studentCharacteristics	List of StudentCharacteristics	Required				
StudentCharacteristics	studentCharacteristicDescriptor	Descriptor	Required			Hard Code to 'Other'	
StudentCharacteristics	designatedBy	String	Optional				
StudentCharacteristics	periods	List(Of Periods)	Optional				
periods	beginDate	Date	Optional				
periods	endDate	Date	Optional				

\	studentIndicators	StudentIndicators	Optional				
StudentIndicators	indicatorName	String	Optional				
StudentIndicators	indicatorGroup	String	Optional				
StudentIndicators	indicator	String	Optional				
StudentIndicators	designatedBy	String	Optional				
StudentIndicators	periods	List(Of periods)	Optional				
periods	beginDate	String	Optional				
periods	endDate	String	Optional				
\	addresses	List(Of addresses)	Required				
addresses[1]	addressTypeDescriptor	Descriptor	<b>Conditional</b>			Hard code to 'Home'	EdFiAddressTypes( EdFiAddressTypeEnum.Home)
addresses[1]	apartmentRoom SuiteNumber	String	Optional				
addresses[1]	buildingSiteNumber	String	Optional				
addresses[2]	congressionalDistrict	String	Optional				
addresses[1]	city	String	<b>Required</b>	STU	RCY		GetString(s("RCY"))
addresses[1]	countyFIPSCode	String	Optional				
addresses[1]	latitude	String	Optional				
addresses[1]	longitude	String	Optional				
addresses[1]	nameOfCounty	String	Optional				
addresses[1]	postalCode	String	<b>Required</b>	STU	RZC		GetString(s("RZC"))
addresses[1]	stateAbbreviation Descriptor	Descriptor	<b>Required</b>	STU	RST		GetUpperCaseString( s("RST"))  Not mapped
addresses[1]	streetNumberName	String	<b>Required</b>	STU	RAD		GetString(s("RAD"))
addresses[1]	localeDescriptor	Descriptor					
addresses[1]	doNotPublishIndicator	Boolean	Optional				
addresses[1]	periods[]	List(Of periods)	Optional				
periods	beginDate	Date	Optional				
periods	endDate	Date	Optional				
addresses[2]	addressTypeDescriptor	Descriptor	<b>Conditional</b>			Hard code to 'Mailing'	EdFiConstants. EdFiAddressTypes( EdFiAddressTypeEnum. Mailing)
addresses[2]	apartmentRoom SuiteNumber	String	Optional				
addresses[2]	buildingSiteNumber	String	Optional				
addresses[2]	congressionalDistrict	String					
addresses[2]	city	String	<b>Required</b>	STU	CY		GetString(s("CY"))
addresses[2]	countyFIPSCode	String	Optional				
addresses[2]	latitude	String	Optional				
addresses[2]	longitude	String	Optional				
addresses[2]	nameOfCounty	String	Optional				
addresses[2]	postalCode	String	<b>Required</b>	STU	ZC		GetString(s("ZC"))
addresses[2]	stateAbbreviation Descriptor	Descriptor	<b>Required</b>	STU	ST		GetUpperCaseString(s("ST"))  Not mapped
addresses[2]	streetNumberName	String	<b>Required</b>	STU	AD		GetString(s("AD"))
addresses[2]	localeDescriptor	Descriptor	Optional				
addresses[2]	doNotPublishIndicator	Boolean	Optional				
addresses[2]	periods[]	List(Of periods)	Optional				
periods	beginDate	Date	Optional				
periods	endDate	Date	Optional				
\	cohortYears	List(Of StudentCohortYear)	Optional				

cohortYears[n]	cohortYearTypeDescriptor	Descriptor	Optional				
cohortYears[n]	schoolYearTypeReference	SchoolYearTypeReference	Optional				
\	disabilities	List(Of disability)	Optional				
disabilities	disabilityDescriptor	Descriptor	Optional				
disabilities	disabilityDeterminationSourceDescriptor	Descriptor	Optional				
disabilities	disabilityDiagnosis	String	Optional				
disabilities	orderOfDisability	Integer	Optional				
disabilities	designations	List(Of designations)	Optional				
designations	disabilityDesignationDescriptor	Descriptor	Optional				
\	electronicMails	List(Of StudentElectronicMail)	Required				
electronicMails	electronicMailAddress	String	Required	STU	SEM		GetString(s("SEM"))
electronicMails	electronicMailTypeDescriptor	Descriptor	Required			Hard code to 'HomePersonal'	EdFiElectronicMailTypes(EdFiElectronicMailTypeEnum.HomePersonal)
electronicMails	primaryEmailAddressIndicator	Boolean	Optional				
electronicMails	doNotPublishIndicator	Boolean	Optional				
\	hispanicLatinoEthnicity	Boolean	Required	STU	ETH		GetNullableBoolean(GetEdFiCodeValue(BooleanType, "STU", "ETH", drSTU!ETH))
\	studentIdentificationCodes	List(Of StudentIdentificationCode)	Required				
studentIdentificationCodes[1]	assigningOrganizationIdentificationCode	String	Required			Hard code to 'District'	EdFiStudentIdentificationSystemTypes(EdFiStudentIdentificationSystemTypeEnum.District)
studentIdentificationCodes[1]	identificationCode	String	Required	STU	ID		GetString(drSTU!ID)
studentIdentificationCodes[1]	studentIdentificationSystemDescriptor	Descriptor	Required			Hard code to 'District'	EdFiStudentIdentificationSystemTypes(EdFiStudentIdentificationSystemTypeEnum.District)
studentIdentificationCodes[2]	assigningOrganizationIdentificationCode	String	Required			Hard code to 'State'	EdFiStudentIdentificationSystemTypes(EdFiStudentIdentificationSystemTypeEnum.State)
studentIdentificationCodes[2]	identificationCode	String	Required	STU	CID		GetString(drSTU!CID)
studentIdentificationCodes[2]	studentIdentificationSystemDescriptor	Descriptor	Required			Hard code to 'State'	EdFiStudentIdentificationSystemTypes(EdFiStudentIdentificationSystemTypeEnum.State)
\	indicators	List(Of StudentIndicator)	Optional				
indicators[n]	designatedBy	String	Optional				
indicators[n]	indicator	String	Optional				
indicators[n]	indicatorGroup	String	Optional				
indicators[n]	indicatorName	String	Optional				
indicators[n]	periods[]	List(Of Periods)	Optional				
periods	beginDate	Date	Optional				
periods	endDate	Date	Optional				
\	internationalAddresses	List(Of StudentInternationalAddress)	Optional				

internationalAddresses	addressTypeDescriptor	Descriptor	Optional				
internationalAddresses	countryDescriptor	Descriptor	Optional				
internationalAddresses	addressLine1	String	Optional				
internationalAddresses	addressLine2	String	Optional				
internationalAddresses	addressLine3	String	Optional				
internationalAddresses	addressLine4	String	Optional				
internationalAddresses	beginDate	Date	Optional				
internationalAddresses	endDate	Date	Optional				
internationalAddresses	latitude	String	Optional				
internationalAddresses	longitude	String	Optional				
\	languages	List(Of StudentLanguage)	Required				
languages	languages[1]	StudentLanguage	Required				
languages[1]	languageDescriptor	Descriptor	<b>Required</b>	STU	HL		GetEdFiCodeValue (LanguageDescriptor, "STU", "HL", rowSTU!HL)
languages[1]	uses	List(Of StudentLanguage Use)	Required				
languages[1]\uses	uses[1]	StudentLanguage Use	Required				
languages[1]\uses[1]	languageUseDescriptor	Descriptor	<b>Required</b>			hard code to 'Home language'	New StudentLanguageUse() With { .languageUseType = "Home language" }
languages	languages[2]	StudentLanguage	Required				
languages[2]	languageDescriptor	LanguageMapType	<b>Required</b>	STU	CL		GetEdFiCodeValue (LanguageDescriptor, "STU", "HL", rowSTU!CL)
languages[2]	uses	List(Of StudentLanguage Use)	Required				
languages[2]\uses	uses[1]	StudentLanguage Use	Required				
languages[2]\uses[1]	languageUseDescriptor	Descriptor	<b>Required</b>			hard code to 'Correspondence language'	New StudentLanguageUse() With { .languageUseType = "Correspondence language" }
\	limitedEnglishProficiencyDescriptor	LimitedEnglishProficiencyMapType	<b>Required</b>	STU	LF	Mapped	GetEdFiCodeValue( LimitedEnglishProficiencyDescriptor, "STU", "LF", drSTU!LF)
\	loginId	String	Optional				
\	oldEthnicitydescriptor	Descriptor	Optional				
\	profileThumbnail	String	Optional				
\	programParticipations	List(Of StudentProgram Participation)	Optional				
programParticipations[n]	beginDate	Date	Optional				
programParticipations[n]	designatedBy	String	Optional				
programParticipations[n]	endDate	Date	Optional				

programParticipations[n]	programTypeDescriptor	Descriptor	Optional				
programParticipations[n]	programCharacteristics[]	List(Of StudentProgram Participation ProgramCharacteristic)	Optional				
programCharacteristics[n]	programCharacteristicDescriptor	Descriptor	Optional				
\	racess	List(Of races)	Required				
racess[1]	raceDescriptor	Descriptor	Required	STU	RC1	Mapped	GetEdFiCodeValue(RaceType, "STU", "RC1", racetype)
racess[2]	raceDescriptor	Descriptor	Required	STU	RC2	Mapped	GetEdFiCodeValue(RaceType, "STU", "RC2", racetype)
racess[3]	raceDescriptor	Descriptor	Required	STU	RC3	Mapped	GetEdFiCodeValue(RaceType, "STU", "RC3", racetype)
racess[4]	raceDescriptor	Descriptor	Required	STU	RC4	Mapped	GetEdFiCodeValue(RaceType, "STU", "RC4", racetype)
racess[5]	raceDescriptor	Descriptor	Required	STU	RC5	Mapped	GetEdFiCodeValue(RaceType, "STU", "RC5", racetype)
\	sexDescriptor	Descriptor	Required	STU	GN	Mapped	GetEdFiCodeValue(SexType, "STU", "GN", drSTU! GN)
\	studentReference	StudentReference	Identity				
studentReference	studentUniqueld	String	Identity	STU	ID		GetString(s("ID"))
\	telephones	List(Of StudentTelephone)	Required				
telephones[1]	orderOfPriority	Integer	Optional				
telephones[1]	telephoneNumber	String	Required	STU	TL		GetString(s("TL"))
telephones[1]	telephoneNumberTypeDescriptor	Descriptor	Required			Hard code to 'Home'	EdFiTelephoneNumberTypes(EdFiTelephoneNumberTypeEnum.Home)
telephones[1]	textMessageCapabilityIndicator	Boolean	Optional				
telephones	doNotPublishIndicator	Boolean	Optional				
\	tribalAffiliations	List (Of tribalAffiliations)	Optional				
tribalAffiliations	tribalAffiliationDescriptor	Descriptor	Optional				