

# Ed-Fi 3.x Staff 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 entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion. For example, this includes:

1. An "employee" who performs services under the direction of the employing institution or agency is compensated for such services by the employer and is eligible for employee benefits and wage or salary tax withholdings
2. A "contractor" or "consultant" who performs services for an agreed upon fee or an employee of a management service contracted to work on site
3. A "volunteer" who performs services on a voluntary and uncompensated basis
4. An in-kind service provider
5. An independent contractor or businessperson working at a school site.

## Staff Links

### Mapping v3.2.0-c

<https://mappingedu.ed-fi.org/#/entity/c5036848-e7ba-ea11-80df-005056b36109/info?dataStandardId=7ec6133d-e7ba-ea11-80df-005056b36109>

### Schema v3.2.0-c

<https://schema.ed-fi.org/datahandbook-v320c/#/Staff583>

### API v3.4.0

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

### Scenarios v3

<https://techdocs.ed-fi.org/display/EDFICERT/v3+StaffAssociation+%3E+Staff+Scenarios>

## Natural Key

- StaffUniqueld

## Used By

- StaffCohortAssociation.Staff (as required)
- StaffDisciplineIncidentAssociation.Staff (as required)
- StaffEducationOrganizationAssignmentAssociation.Staff (as required)
- StaffEducationOrganizationContactAssociation.Staff (as required)
- StaffEducationOrganizationEmploymentAssociation.Staff (as required)
- StaffProgramAssociation.Staff (as required)
- StaffSchoolAssociation.Staff (as required)
- StaffSectionAssociation.Staff (as required)
- SurveyResponseStaffTargetAssociation.Staff (as required)
- SurveySectionResponseStaffTargetAssociation.Staff (as required)
- SurveyResponderChoice.Staff (as required)
- ServiceProvider.Staff (as required)
- ContractedStaff.Staff (as required)
- DisciplineAction.Staff (as optional collection)
- DisciplineIncident.Staff (as optional)

- Intervention.Staff (as optional collection)
- Payroll.Staff (as required)
- SectionAttendanceTakenEvent.Staff (as optional)
- StaffAbsenceEvent.Staff (as required)
- StaffLeave.Staff (as required)

## Mapping

Parent	Property	Type	Required	Table	Field	Other	Code / Notes
\	addresses	List(Of StaffAddress)	Optional				Note: In API property may be "address" but documentation shows "addresses"
addresses[]	addressTypeDescriptor	Descriptor	Optional				
addresses[]	apartmentRoomSuiteNumber	String	Optional				
addresses[]	buildingSiteNumber	String	Optional				
addresses[]	city	String	Optional				
addresses[]	congressionalDistrict	String	Optional				
addresses[]	countyFIPSCode	String	Optional				
addresses[]	latitude	String	Optional				
addresses[]	longitude	String	Optional				
addresses[]	nameOfCounty	String	Optional				
addresses[]	postalCode	String	Optional				
addresses[]	stateAbbreviationDescriptor		Optional				
addresses[]	streetNumberName	String	Optional				
addresses[]	localeDescriptor	Descriptor	Optional				
addresses[]	doNotPublishIndicator	Boolean	Optional				
addresses[]	Periods	List (Of Period)					
addresses[].Periods[]	beginDate	Date	Optional				
addresses[].Periods[]	endDate	Date	Optional				
\	birthDate	Date	Conditional	STF	BD		GetNullableDate(s("BD"))
\	citizenshipStatusDescriptor	Descriptor	Optional				
\	credentials	List(Of StaffCredential)	Optional				
credentials[]	credentialReference	Class	Optional				
credentials[]	credentialIdentifier	String	Optional				
credentials[]	stateOfIssueStateAbbreviationDescriptor	Descriptor	Optional				
\	electronicMails	List(Of StaffElectronicMail)	Required				
electronicMails[]	electronicMailAddress	String	Required	STF	EM		GetString(s("EM"))
electronicMails[]	electronicMailTypeDescriptor	Descriptor	Conditional				GetV3Descriptor ("ElectronicMailTypeDescriptor", "Work"))
electronicMails[]	primaryEmailAddressIndicator	Boolean	Optional				
electronicMails[]	doNotPublishIndicator	Boolean	Optional				
\	firstName	String	Required	STF	FN		GetString(s("FN"))
\	generationCodeSuffix	String	Required	STF	SF		GetString(s("SF"))
\	highestCompletedLevelOfEducationDescriptor	Descriptor	Required	STF	EL		GetEdFiCodeValue( LevelOfEducationDescriptor, "STF", "EL", rowSTF!EL)

\	highlyQualifiedTeacher	Boolean	Required				set to 'Nothing' for nullable boolean type  Incompatible with Aeries and historical CA data reporting standards. In CA, Highly Qualified is established for each class a teacher is teaching.
	hispanicLatinoEthnicity	Boolean	Required	STF	ETH		GetEdFICodeValue( BooleanType, "STU", "ETH", rowSTF!ETH)
\	identificationCodes	List(Of StaffIdentificationCode)	Optional				
identificationCodes[]	assigningOrganizationIdentificationCode	String	Optional				
identificationCodes[]	identificationCode	String	Optional				STF.ID STF.CID
identificationCodes[]	staffIdentificationSystemDescriptor	Descriptor	Optional				"District" "State"
\	identificationDocuments	List(Of StaffIdentificationDocument)	Optional				Not Collected in Aeries
identificationDocuments[]	identificationDocuments(1)	StaffIdentificationDocument	Optional				
identificationDocuments[]	documentExpirationDate	Date	Optional				
identificationDocuments[]	documentTitle	String	Optional				
identificationDocuments[]	identificationDocumentUseDescriptor	Descriptor	Optional				
identificationDocuments[]	issuerCountryDescriptor	String	Optional				
identificationDocuments[]	issuerDocumentIdentificationCode	String	Optional				
identificationDocuments[]	issuerName	String	Optional				
identificationDocuments[]	personalInformationVerificationDescriptor	Descriptor	Optional				
\	personalIdentificationDocuments	List(Of PersonalIdentificationDocuments)	Optional				Not Collected in Aeries
personalIdentificationDocuments[]	identificationDocumentUseDescriptor	Descriptor	Optional				
personalIdentificationDocuments[]	personalInformationVerificationDescriptor	Descriptor	Optional				
personalIdentificationDocuments[]	issuerCountryDescriptor	Descriptor	Optional				
personalIdentificationDocuments[]	documentExpirationDate	Date	Optional				
personalIdentificationDocuments[]	documentTitle	String	Optional				
personalIdentificationDocuments[]	issuerDocumentIdentificationCode	String	Optional				
personalIdentificationDocuments[]	issuerName	String	Optional				
\	internationalAddresses	List(Of StaffInternationalAddress)	Optional				Not Collected in Aeries
internationalAddresses[]	addressLine1	String	Optional				
internationalAddresses[]	addressLine2	String	Optional				
internationalAddresses[]	addressLine3	String	Optional				
internationalAddresses[]	addressLine4	String	Optional				
internationalAddresses[]	addressTypeDescriptor	Descriptor	Optional				

internationalAddresses[]	beginDate	Date	Optional				
internationalAddresses[]	countryDescriptor	Descriptor	Optional				
internationalAddresses[]	endDate	Date	Optional				
internationalAddresses[]	latitude	String	Optional				
internationalAddresses[]	longitude	String	Optional				
\	languages	List(Of StaffLanguage)	Optional				Not Collected in Aeries
languages[]	languageDescriptor	Descriptor	Optional				
languages[]	uses	List(Of StaffLanguageUse)	Optional				
languages[]	languageUseDescriptor	Descriptor	Optional				
\	lastName	String	Required	STF	LN		GetString(s("LN"))
\	loginId	String	Optional				
\	maidenName	String	Optional				
\	middleName	String	Required	STF	MN		GetString(s("MN"))
\	oldEthnicityDescriptor	Descriptor	Optional				Not Collected in Aeries
\	otherNames	List(Of StaffOtherName)	Optional				Not Collected in Aeries
otherNames[]	firstName	String	Optional				
otherNames[]	generationCodeSuffix	String	Optional				
otherNames[]	lastName	String	Optional				
otherNames[]	middleName	String	Optional				
otherNames[]	otherNameTypeDescriptor	Descriptor	Optional				
otherNames[]	personalTitlePrefix	String	Optional				
\	personalTitlePrefix	String	Optional				
\	racess	List(Of StaffRace)	Optional	STF	RC{1-5}		This might be able to be extracted in a future release if requested by a customer.
Race[]	raceDescriptor	Descriptor	Optional				
\	recognitions	List(Of Recognitions)	Optional				
recognition[]	recognitionTypeDescriptor	Descriptor	Optional				
recognition[]	achievementCategoryDescriptor	Descriptor	Optional				
recognition[]	achievementCategorySystem	String	Optional				
recognition[]	achievementTitle	String	Optional				
recognition[]	criteria	String	Optional				
recognition[]	criteriaURL	String	Optional				
recognition[]	evidenceStatement	String	Optional				
recognition[]	imageURL	String	Optional				
recognition[]	issuerName	String	Optional				
recognition[]	issuerOriginURL	String	Optional				
recognition[]	recognitionAwardDate	Date	Optional				
recognition[]	recognitionAwardExpiresDate	Date	Optional				
recognition[]	recognitionDescription	String	Optional				
\	sexDescriptor	Descriptor	Required	STF	GN		GetEdFiCodeValue (SexDescriptor, "STF", "GN", rowSTF!GN)
\	staffUniqueid	String	Identity	STF	ID		GetString(s("ID"))
\	telephones	List(Of StaffTelephone)	Optional				
telephones[]	orderOfPriority	Integer	Optional				
telephones[]	telephoneNumber	String	Optional				
telephones[]	telephoneNumberTypeDescriptor	Descriptor	Optional				

telephones[]	textMessageCapabilityIndicator	Boolean	Optional				
telephones[]	doNotPublishIndicator	Boolean	Optional				
\	tribalAffiliations	List(Of tribalAffiliations)	Optional				
tribalAffiliations[]	tribalAffiliationDescriptor	Descriptor	Optional				
\	visas	List(Of StaffVisa)	Optional				Not Collected in Aeries
visas	visaDescriptor	Descriptor	Optional				
\	yearsOfPriorProfessionalExperience	Double	Optional	STF	TYS		This might be able to be extracted in a future release if requested by a customer.
\	yearsOfPriorTeachingExperience	Double	Optional				