OneRoster Demographics Integration

SameGoal supports OneRoster Version 1.1 and OneRoster Version 1.2 for student/parent demographics integration. However, OneRoster lacks specific fields for certain data (e.g. addresses, phone, email, etc) for both students and parents/guardians.

We recommend student information systems (SISes) extend the metadata field of the **/demographics** endpoint to make such data available.

- /demographics
    - Type meta
    - Type address
    - Type relationship

The following endpoints are also used in demographics integration, but do not require extension:

- /users
- /enrollments
- /orgs

/demographics

This endpoint is used to obtain demographics information for students. SIS vendors can extend the **metadata** field as follows:

Field	Type	Required	Description
sourcedId	string	Yes	Unique identifier linking this record to a user
birthDate	string	Yes	Date of birth in ISO 8601 format (YYYY-MM-DD)
sex	string	Yes	Sex as reported

race	string	Yes	Race as reported
americanIndianOrAlaskaNative	string	Yes	Indicator for American Indian or Alaska Native identity
asian	string	Yes	Indicator for Asian identity
blackOrAfricanAmerican	string	Yes	Indicator for Black or African American identity
nativeHawaiianOrOtherPacificIslander	string	Yes	Indicator for Native Hawaiian or Other Pacific Islander identity
white	string	Yes	Indicator for White identity
demographicRaceTwoOrMoreRaces	string	Yes	Indicator for two or more races
metadata	*meta*	Yes	Consists of additional demographic info

Type meta

Add the following fields to **metadata** on the **/demographics** endpoint. The metadata specificiation provides example "...if wanting to show the extension of field "classification", with value "private" that was added/provided by "ims", the name/value pair is: "ims.classification":"private"".

SameGoal supports any vendor prefix (denoted as **vdr** below) separated by the field name with a **.** or _.

Field	Type	Required	Description
vdr.address	address	Yes	The student's residential address (see **address** type below)
vdr.homePhone	string	Yes	Home phone number
vdr.workPhone	string	Yes	Work phone number
vdr.cellPhone	string	Yes	Cell phone number

vdr.relationships	relationship[]	Yes	List of guardians or related contacts (see **relationship** type below)
vdr.legalDistrictResidenceName	address	Yes	The legal district of residence name

Type address

Add type **address** (referenced by **metadata** above).

Field	Type	Required	Description
number	string	Yes	Street number
prefix	string	Yes	Street prefix (e.g. N, SW)
street	string	Yes	Street name
tag	string	Yes	Street type suffix (e.g. Ave, Blvd, St)
city	string	Yes	City name
state	string	Yes	State abbreviation (e.g. WI)
zipcode	string	Yes	ZIP or postal code
districtResidenceName	string|null	No	Name of the district of residence, if applicable
county	string	Yes	County name
direction	string	Yes	Cardinal direction suffix (e.g. N, SE)
apartment	string	Yes	Apartment or unit number
POBox	string	Yes	PO Box identifier, if applicable

Type relationship

Add type **relationship** (referenced by field in **meta** above).

Field	Type	Required	Description

sourcedId	string	Yes	Unique identifier for the contact/guardian record
guardian	boolean	Yes	Indicates whether this contact is a legal guardian
relationshipType	string|null	No	The type of relationship (e.g. Mother, Father, Step-parent)

/users

This endpoint is used to obtain records for students and staff. Does not require extension (just provided for reference).

Field	Type	Required	Description
sourcedId	string	Yes	Unique identifier for the user record
username	string	No	The user's login username
givenName	string	No	The user's given (first) name
firstName	string	No	Alias for given name
familyName	string	No	The user's last name / surname
middleName	string	No	The user's middle name
preferredFirstName[1]	string	No	The user's preferred first name
preferredMiddleName[1]	string	No	The user's preferred middle name
preferredLastName[1]	string	No	The user's preferred last name
role[2]	string	Yes	The user's role (e.g. student, teacher, administrator)
identifier	string	No	A secondary identifier (e.g. local student ID)
email	string	Yes	The user's email address
orgs[3]	object[]	Yes	List of organizations the user belongs to
grades	string[]	Yes	Grade levels associated with the user

[1] Available in OneRoster Version 1.2 only.

[2] This field is **role** in OneRoster Version 1.1, and **roles** in OneRoster Version 1.2 (which is of type **role**).

[3] This field is **orgs** in OneRoster Version 1.1, and **primaryOrg** in OneRoster Version 1.2.

/enrollments

This endpoint is used with OneRoster Version 1.1 to determine the district enrollment status for each student. Does not require extension (just provided for reference).

For OneRoster Version 1.2, **/users** roles (beginDate, endDate) fields are used instead of this endpoint.

Field	Type	Required	Description
sourcedId	string	Yes	Unique identifier for the enrollment record
beginDate	string	Yes	Start date of the enrollment
endDate	string	Yes	End date of the enrollment
role	string	Yes	Role of the user this enrollment belongs to
primary	string	Yes	Enumeration (true/false); only applicable to teachers
status	string	Yes	Enumeration (active/inactive/tobedeleted)
user	user	Yes	Link to the user this record belongs to
school	org	Yes	Link to the school at which this class is being provided
class	class	Yes	The class associated with this enrollment record

/orgs

This endpoint is used to associate users with org information. Does not require extension (just provided for reference).

Field	Type	Required	Description
sourcedId	string	Yes	Unique identifier for the organization record
status	string	Yes	Record status (e.g. active, tobedeleted)
name	string	Yes	Display name of the organization
identifier	string	Yes	A secondary identifier for the organization (e.g. local school code)