



**RNConsult WS - PersonService
Cookbook
Version 1.5**

This document is provided to you, free of charge, by the

eHealth platform

**Willebroekkaai 38 – 1000 Brussel
38, Quai de Willebroek – 1000 Bruxelles**

All are free to circulate this document with reference to the URL source.

Table of contents

Table of contents	2
1. Document management	5
1.1 Document history	5
2. Introduction	6
2.1 Goal of the service	6
2.2 Goal of the document	6
2.3 External document references	6
3. Support	7
3.1 Helpdesk eHealth platform	7
3.1.1 Certificates	7
3.1.2 For issues in production	7
3.1.3 For issues in acceptance	7
3.1.4 For business issues	7
3.2 Status	7
3.3 Authorization from sectoral committee	7
4. Global overview	8
5. Requirements	10
5.1 Healthcare institution	10
5.2 Healthcare professionals	10
5.3 Technical requirements	10
5.3.1 WS-I Basic Profile 1.1	10
5.3.2 Tracing	10
6. Description of xml messages	12
6.1 searchPersonBySsin	12
6.1.1 Request	12
6.1.2 Response	13
6.2 searchPersonPhonetically	14
6.2.1 Request	14
6.2.2 Response	16
6.3 Generic structure	17
6.3.1 PersonResponseResultType	17
6.3.2 PersonIdentificationsResponseType	19
6.3.3 NobilityTitleBaseType	20
6.3.4 NameInfoBaseType	21
6.3.5 NationalitiesBaseType	21
6.3.6 BirthInfoBaseType	22
6.3.7 DeceaseInfoBaseType	22
6.3.8 GenderInfoBaseType	22
6.3.9 CivilStatesBaseType	23
6.3.10 AddressBaseType	24



6.3.11	ResidentialAddressType	25
6.3.12	PlainAddressType	26
6.3.13	DiplomaticPostType.....	27
6.3.14	ContactAddressBaseType	28
6.3.15	AdministratorBaseType	30
6.3.16	SubregisterBaseType	30
6.3.17	LegalCohabitationBaseType	31
6.3.18	LocationType	32
6.3.19	PartnerType	33
6.3.20	JudgmentType	33
6.3.21	TranscriptionType.....	34
6.3.22	ActType.....	34
6.3.23	AnomaliesType	34
7.	Risks and security.....	36
7.1	Security	36
7.1.1	Business security	36
7.1.2	Web service	36
7.1.3	The use of username, password and token.....	36
8.	Test and release procedure.....	37
8.1	Procedure.....	37
8.1.1	Initiation	37
8.1.2	Development and test procedure	37
8.1.3	Release procedure.....	37
8.1.4	Operational follow-up	37
9.	Status.....	38
9.1	Success response.....	38
9.2	Business errors.....	38
9.2.1	searchPersonBySSIN	38
9.2.2	searchPersonPhonetically	39
9.3	Technical errors.....	40
10.	Example	43
10.1	searchPersonBySsin	43
10.1.1	Request.....	43
10.1.2	Success response	43
10.1.3	Business error response	45
10.1.4	Technical error response	45
10.2	searchPersonPhonetically	46
10.2.1	Request.....	46
10.2.2	Success response	46
10.2.3	Business error response	47
10.2.4	Technical error response	48
11.	Testdata	49
11.1	searchPersonBySsin	49
11.1.1	Scenario 1 – Person cancelled	49



11.1.2	Scenario 2 – Person replaced	49
11.1.3	Scenario 3 – Person does not exists	51
11.1.4	Scenario 4 – Person with a residential address	52
11.1.5	Scenario 5 – Person with a contact address	54
11.1.6	Scenario 6 – Person with a contact address and a residential address	56
11.1.7	Scenario 7 – Person with an invalid identifier	59
11.2	searchPersonPhonetically	60
11.2.1	Scenario 1 – Search information about a person with first name, last name, birthdate	60
11.2.2	Scenario 2 – Search information about a person without first name	60
11.2.3	Scenario 3 – Search information about a person where last name is incorrect.....	60
11.2.4	Scenario 4 – Search information about a person where an invalid algorithm is specified	60

To the attention of: “IT expert” willing to integrate this web service.



1. Document management

1.1 Document history

Version	Date	Author	Description of changes / remarks
1.0	17/02/2020	eHealth platform	Initial version
1.1	12/05/2020	eHealth platform	Section 4 - global overview : Update schema and description Section 6 : improve description of xml elements Section 6 – subsection 6.1 : update request schema Section 10: update xml examples
1.2	20/08/2020	eHealth platform	Examples and schema have been updated to be compliant with the last version of xsd deployed
1.3	05/10/2020	eHealth platform	New section 11 : test data
1.4	09/04/2021	eHealth platform	Update business & error code Improve formatting xml example
1.5	20/07/2022	eHealth platform	§3.2 Status (Added) § 5.3.2 Tracing (Update)

2. Introduction

2.1 Goal of the service

The eHealth platform currently uses the WS IdentifyPerson and the WS PhoneticSearch to consult data relating to the identification of a person.

As a result of developments in the authentic sources to be fully aligned with the BCSS services, the WS IdentifyPerson and the WS PhoneticSearch will be merged in the future into a single service known as WS PersonService.

The consultation of the identification data of a person is possible :

- by the SSIN/BIS number
- by phonetic criteria

It is important to note that

- this adaptation of the service also has an impact on the eHealth connectors
- during a transition period (date to be determined), the eHealth platform makes the old and new services co-exist, but at a date to be determined (end of 2020?), only the new version of the service will remain.

2.2 Goal of the document

This document is not a development or programming guide for internal applications. Instead, it provides functional and technical information and allows an organization to integrate and use the eHealth platform service.

However, in order to interact in a smooth, homogeneous and risk controlled way with a maximum of partners, these partners must commit to comply with the requirements of specifications, data format and release processes of the eHealth platform as described in this document.

Technical and business requirements must be met in order to allow the integration and validation of the eHealth platform service in the client application.

2.3 External document references

All documents can be found through the internet. They are available to the public, but not supported by the eHealth platform.

ID	Title	Source	Date	Author
1	Basic Profile Version 1.1	http://www.ws-i.org/Profiles/BasicProfile-1.1-2004-08-24.html	24/08/2004	Web Services Interoperability Organization



3. Support

3.1 Helpdesk eHealth platform

3.1.1 Certificates

In order to access the secured eHealth platform environment you have to obtain an eHealth platform certificate, used to identify the initiator of the request. In case you do not have one, please consult the chapter about the eHealth Certificates on the portal of the eHealth platform

- <https://www.ehealth.fgov.be/ehealthplatform/nl/ehealth-certificaten>
- <https://www.ehealth.fgov.be/ehealthplatform/fr/certificats-ehealth>

For technical issues regarding eHealth platform certificates

- Acceptance: acceptance-certificates@ehealth.fgov.be
- Production: support@ehealth.fgov.be

3.1.2 For issues in production

eHealth platform contact centre:

- Phone: 02 788 51 55 (on working days from 7 am till 8 pm)
- Mail: support@ehealth.fgov.be
- Contact Form :
 - <https://www.ehealth.fgov.be/ehealthplatform/nl/contact> (Dutch)
 - <https://www.ehealth.fgov.be/ehealthplatform/fr/contact> (French)

3.1.3 For issues in acceptance

Integration-support@ehealth.fgov.be

3.1.4 For business issues

- regarding an existing project: the project manager in charge of the application or service
- regarding a new project or other business issues: info@ehealth.fgov.be

3.2 Status

The website <https://status.ehealth.fgov.be> is the monitoring and information tool for the ICT functioning of the eHealth services that are partners of the Belgian eHealth system.

3.3 Authorization from sectoral committee

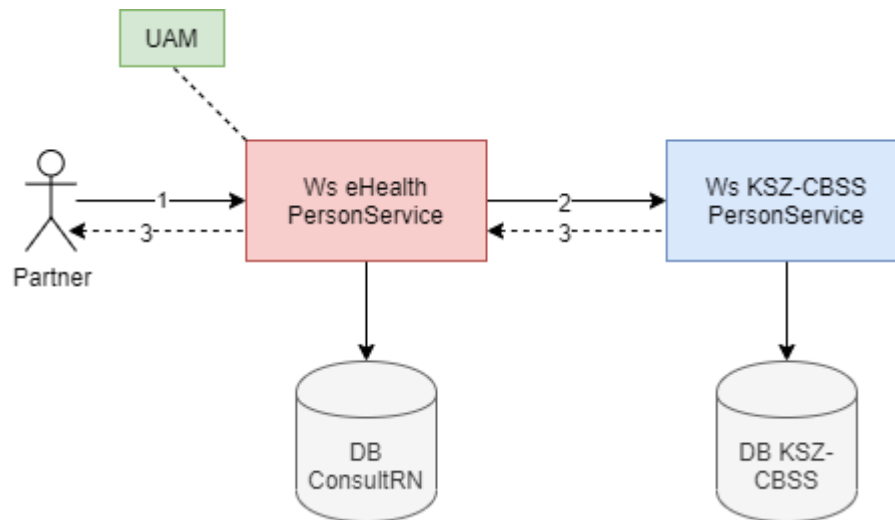
The use of RNConsult requires authorisation from the sectorial committee. Only then you will receive an applicationID that will be used to access with specific rights to this service.



4. Global overview

The service « PersonService WS » allows retrieving information according by deliberation of the sectoral committee on the name, birth data, gender, decease data, civil state data, nationality, address of a person, based on a SSIN (social security identification number) or on basis of phonetic criteria.

Therefore, the called health-service will internally connect to the CBSS, using a corresponding CBSS WS connected to the National Registry and BIS Registry).



Step 1: The individual health care provider or the institution (identified by a CBE, EHP or RIZIV/INAMI N°) authenticates through his software to the eHealth platform and sends a request to the eHealthPersonService.

In order to access the service, the eHealth platform performs several checks:

Request from an institution:

The eHealth platform verifies that :

- the authentication of the applicant via his/her eHealth certificate
- the applicationID is well configured in the RNConsult database and linked to the organization.

Request from an individual professional (AR 78)

The eHealth platform checks that:

- the requestor's token corresponds to an actor recognized as a professional in the health care sector. This verification is carried out in the authentic source CoBRHA (via Attribute Authority).
- the application ID to be configured by the professional has the value "0".
- the request coming from a professional must meet the requirements of the Information Security Committee and comply with the rules of good use and quota management enacted by the eHealth platform.

Step 2: Once the checks have been carried out, the eHealth request is transformed into a CBSS request and sent to the KSZ-BCSS PersonService.

The eHealth platform verifies that:

- the authentication of the applicant via his/her eHealth certificate
- the applicationID is well configured in the RNConsult database and linked to the organization.



Step 3: The eHealth platform returns the BIS number and information about the healthcare provider or institution to the healthcare provider or institution (depending on the deliberation of the Information Security Committee).

Important: In the case of a request sent by an institution, the institution needs to call the service inscriptionService (or ManageInscription service) to register the SSIN created in order to receive any subsequent mutation(s) about the person requested.



5. Requirements

The call to the service RNConsult PersonService is subject to several conditions.

5.1 Healthcare institution

- An authorization of the sectoral committee and the compliance with the integration procedure. By applying this procedure, the eHealth platform will provide you with your **applicationID**, which is used by the eHealth platform to grant specific rights.
- An eHealth certificate, used to identify the initiator of the request. If you do not have one, please refer to the section “Basisdiensten” (NL) or “Services de base” (F) on the portal of the eHealth platform at <https://www.ehealth.fgov.be/ehealthplatform/>
- Time synchronisation: the servers of the eHealth platform are synchronized to a pool of global servers using NTP protocol. Partner’s clock must not differ from eHealth’s by more than 60 seconds or the request may be discarded.

5.2 Healthcare professionals

A healthcare professional needs a valid token.

To implement a WS call protected with a SAML token you can reuse the implementation as provided in the "eHealth technical connector". Nevertheless, implementations of the eHealth platform use standards. Any other compatible technology (WS stack for the client implementation) can be used instead. Please refer to section “connector” on the portal of the eHealth platform.

Alternatively, you can write your own implementation. The usage of the Secure Token Service (STS) and the structure of the exchanged XML-messages are described in the eHealth STS cookbook. Please refer to the section “Basisdiensten” (NL) or “Services de base” (F) on the portal of the eHealth platform.

The technical information about how to obtain a SAML token from the STS (Secure Token Service) can be found in the separate document **RNConsult SSO** on the portal of the eHealth platform.

5.3 Technical requirements

5.3.1 WS-I Basic Profile 1.1

Your request must be WS-I compliant (See Chap 2 - External Ref). If it is not, you will receive one of the errors SOA-03001 – SOA-03003. (See Chap 9 – Errors and failures)

5.3.2 Tracing

To use this service, the request SHOULD contain the following two http header values (see RFC

<https://datatracker.ietf.org/doc/html/rfc7231#section-5.5.3>):

1. User-Agent: information identifying the software product and underlying technical stack/platform. It MUST include the minimal identification information of the software such that the emergency contact (see below) can uniquely identify the component.
 - a. Pattern: {minimal software information}/{version} {minimal connector information}/{connector-package-version}
 - b. Regular expression for each subset (separated by a space) of the pattern: `[[a-zA-Z0-9-\\V]]*\\V[0-9azA-Z-_.]*`
 - c. Examples:
User-Agent: myProduct/62.310.4 Technical/3.19.0
User-Agent: Topaz-XXXX/123.23.X freeconnector/XXXXX.XXX



2. From: email-address that can be used for emergency contact in case of an operational problem.
Examples:
From: **info@mycompany.be**

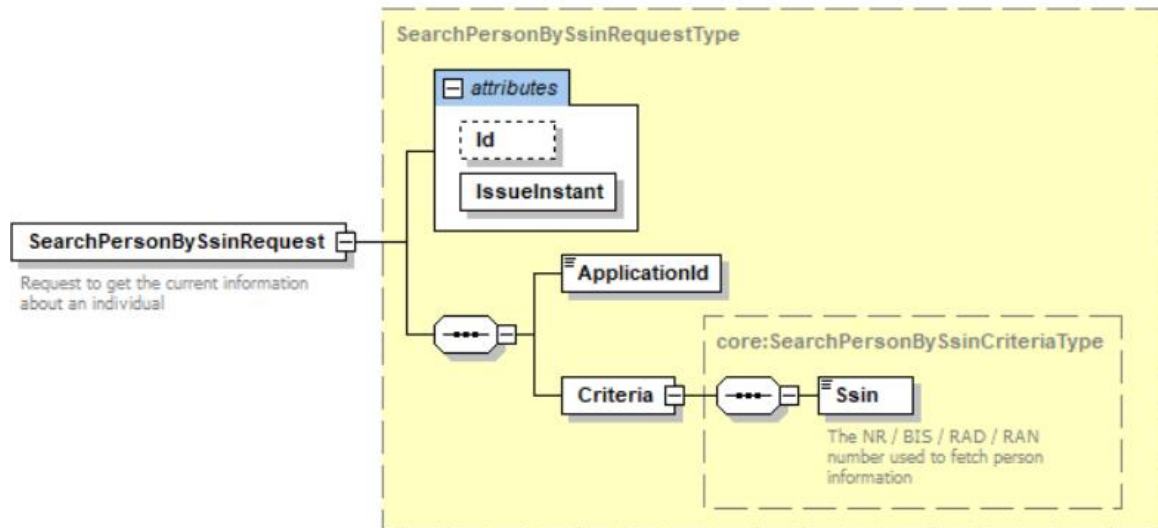


6. Description of xml messages

6.1 searchPersonBySsin

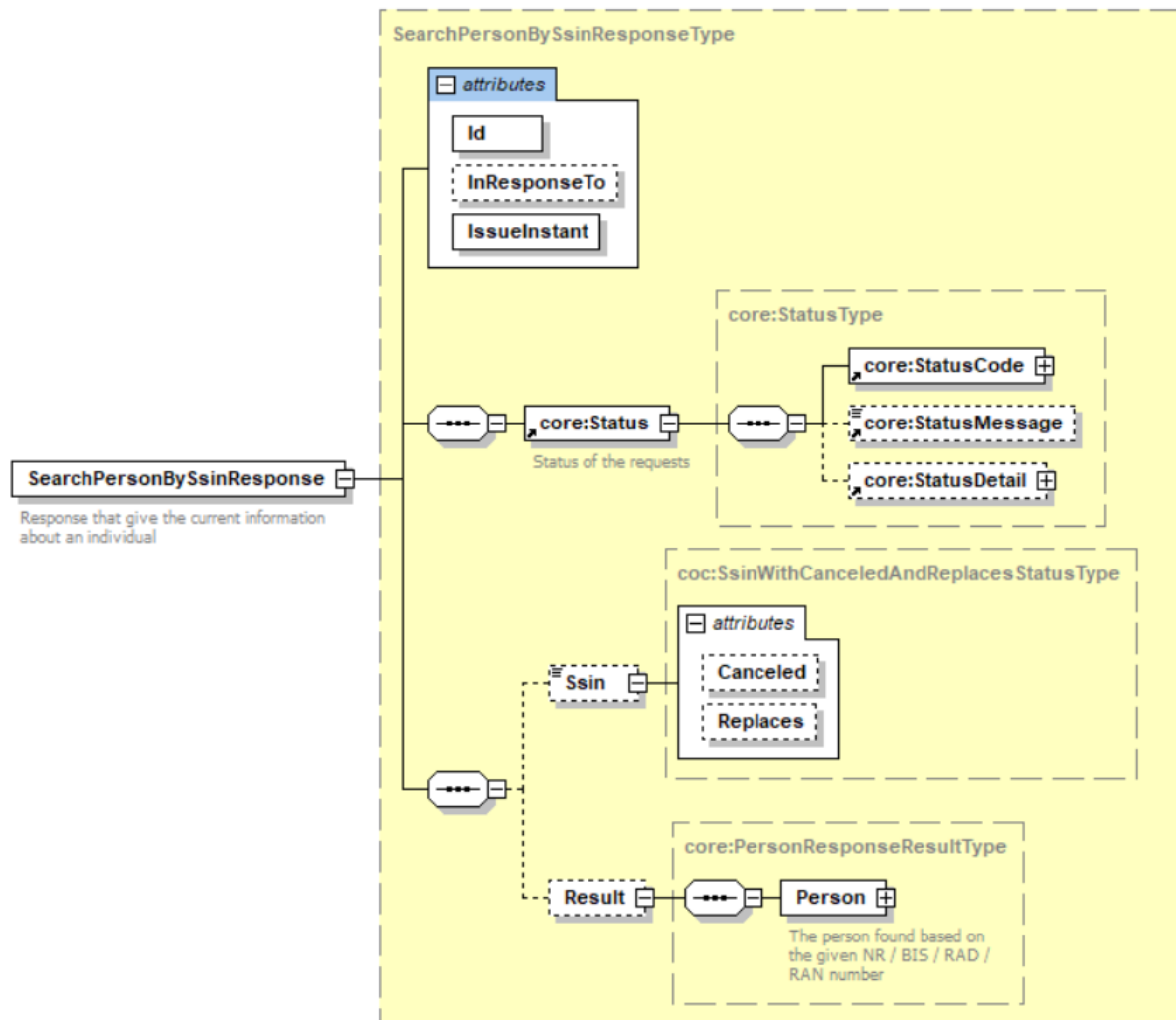
This method is used to retrieve information about a person identified by a INSS number.

6.1.1 Request



Field name	Description
@Id	This attribute contains the number identifying the request. <u>Note:</u> This field is optional but we recommend adding a identifier to facilitate the follow-up in case of business/technical issue
@issue Instant	This attribute contains the timestamp of the request.
ApplicationID	The ApplicationID contains a number given by eHealth identifying the organization and the authorization given for a certain purpose to this organization. (Same format as an SSIN) <u>Healthcare institution</u> The value is the number given by the sectoral committee. <u>Healthcare professional</u> The value must be '0'.
Criteria/SSIN	This field contains the SSIN number of the person in the request.

6.1.2 Response

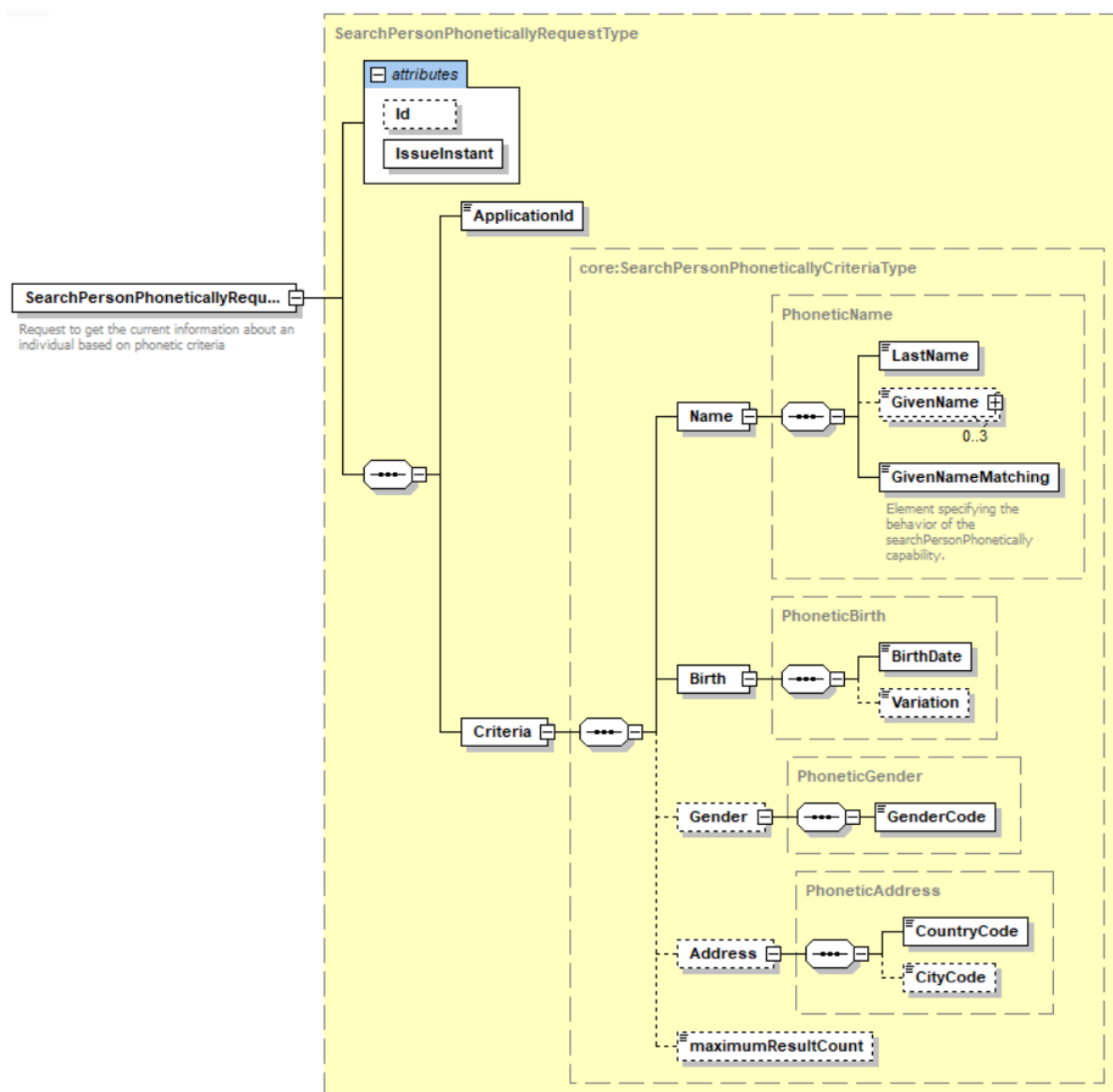


Field name	Description
@Id	This attribute contains the number identifying the response.
@InResponseTo	This attribute contains the number identifying the request.
@IssueInstant	This attribute contains the timestamp of the response.
Status	This block contains information about the status of the response returned. (See section 9)
SSIN	This field contains the current INSS number of the person: <ul style="list-style-type: none"> If a INSS is not replaced by another one, the value will be the INSS requested If a INSS is replaced by another one, the value will be the current INSS. The previous value will be present in the attribute <i>SSIN/@Replaces</i>
SSIN/@Cancelled	This field contains the value TRUE if the INSS is cancelled. Otherwise, it has the value FALSE.

SSIN/@Replaces	This field contains the previous INSS number of the person. Otherwise, it has the value empty.
Result/Person	This block contains information about the person requested. (See section 6.3.1)

6.2 searchPersonPhonetically

6.2.1 Request

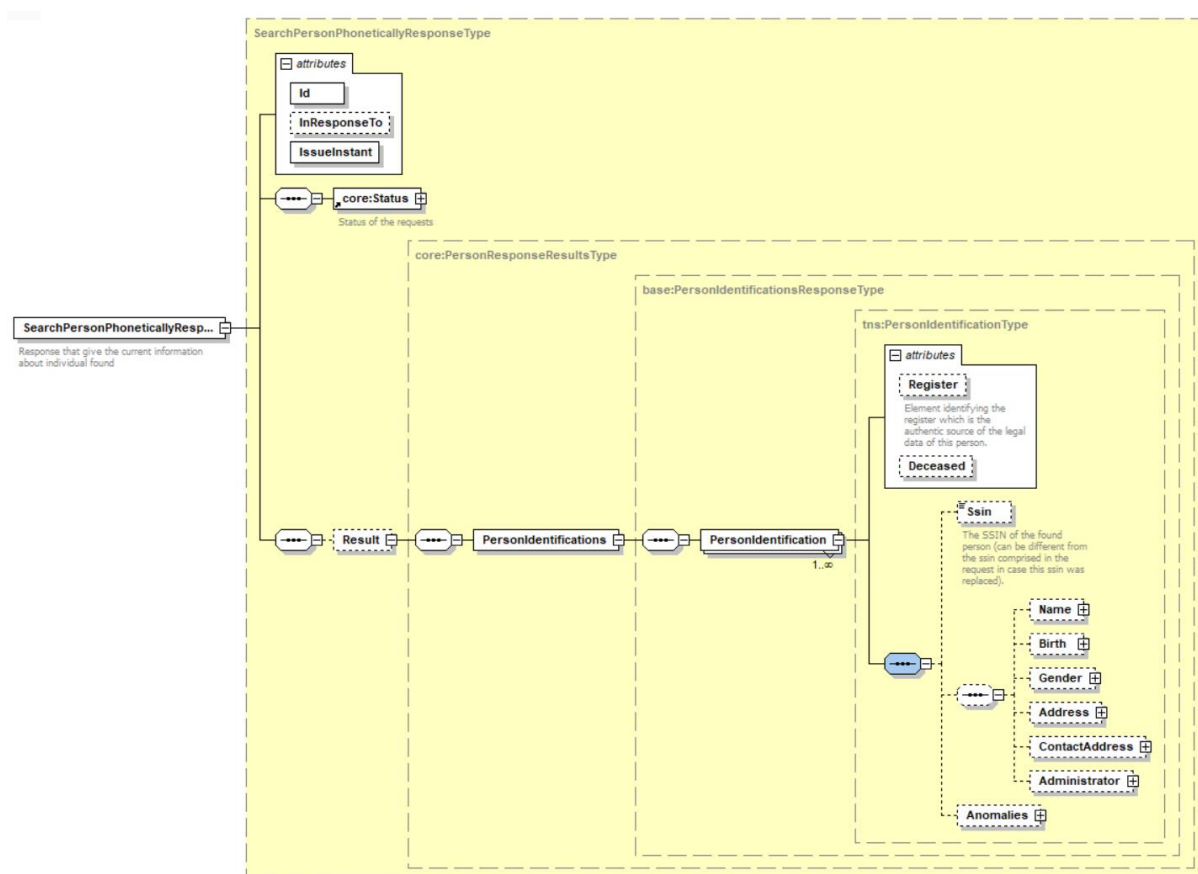


Field name	Description
@Id	This attribute contains the number identifying the request. Remark: this field is optional but we recommend to add a identifier to facility the follow-up in case of business/technical issue.
@issue Instant	This attribute contains the timestamp of the request.

ApplicationID	<p>This field contains the ApplicationID, a number given by eHealth identifying the organization and the authorization given to this organization for a certain purpose. (Same format as an SSIN).</p> <p><u>Healthcare institution</u> The value is the number given by the sectoral committee.</p> <p><u>Healthcare professional</u> The value must be '0'.</p>
Criteria/Name/Lastname	This field contains the last name of the person.
Criteria/Name/GivenName[@sequence]	<p>This field contains the first names (3 maximum first names allowed) of the person.</p> <p>The attribute <i>sequence</i> has a value from 1 to 3.</p>
Criteria/Name/GivenNameMatching	<p>This field contains the algorithm used to search persons based on given name. This is the list of supported algorithms:</p> <ul style="list-style-type: none"> COMPLETE_FIRST_GIVENNAME BCSS registry: first full name in phonemes National registry: first full name in phonemes FIRST_LETTER_FIRST_GIVENNAME BCSS registry: search only on the first letter of the first name National registry first full name in phonemes ALL_GIVENNAME BCSS registry: all given names (maximum 3) in phonemes National registry: first and second names in phonemes IGNORE_GIVENNAME BCSS registry: first names are not taken into account in the search National registry: first names are not taken into account in the search
Criteria/Birth/BirthDate	<p>This field contains the birthdate. The birthdate can be complete or incomplete:</p> <ul style="list-style-type: none"> only the year is known: 1979-00-00 only the year and the month is known: 1979-10-00 <p>For an incomplete date, you must define a <i>variation</i>.</p>
Criteria/Birth/Variation	<p>This field contains the amount of months or years that the birthdate of the result may differ from the specified one.</p> <p>Example:</p> <ul style="list-style-type: none"> For an unknown month: <i>Birthdate</i>= 1979-10-00 and <i>Variation</i>= 2 will give all results between 1979-08 and 1979-12. For an unknown year: <i>Birthdate</i>= 1979-00-00 and <i>Variation</i>= 2 will give all result between 1977 and 1981.7 <p>Important: The tolerance for the day is not supported.</p>

Criteria/Gender/GenderCode	This field contains the person gender. Possible values are: <ul style="list-style-type: none"> • 'M' : Male • 'F' : Female
Criteria/Address/CountryCode	This field contains the address country code. (NIS code)
Criteria/Address/CityCode	This field contains the address country city code. (NIS code)
Criteria/MaximumResultCount	This field contains the maximum numbers of results to return. This number is limited to maximum 50 results (CBSS registry) and 20 results (NR registry). If more than 20 results (NR registry) or 50 results (CBSS registry) are found, an error will be returned.

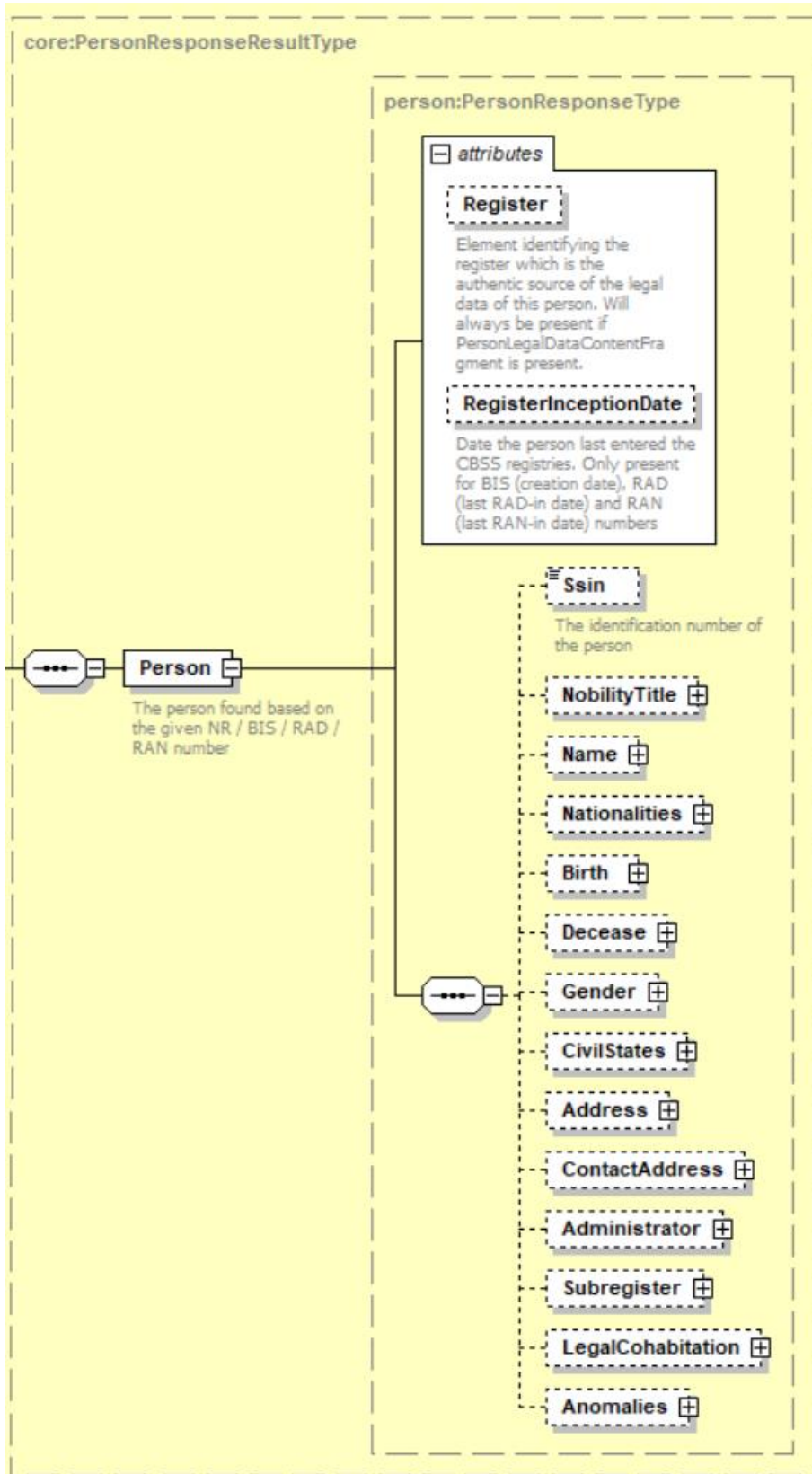
6.2.2 Response



Field name	Description
@Id	This attribute contains the number identifying the response.
@InResponseTo	This attribute contains the number identifying the request.
@IssueInstant	This attribute contains the timestamp of the response.
Status	This block contains the information about the status of the response returned. (See section 9)
Result/PersonIdentifications	This block contains the information about the person requested. (See section 6.3.2)

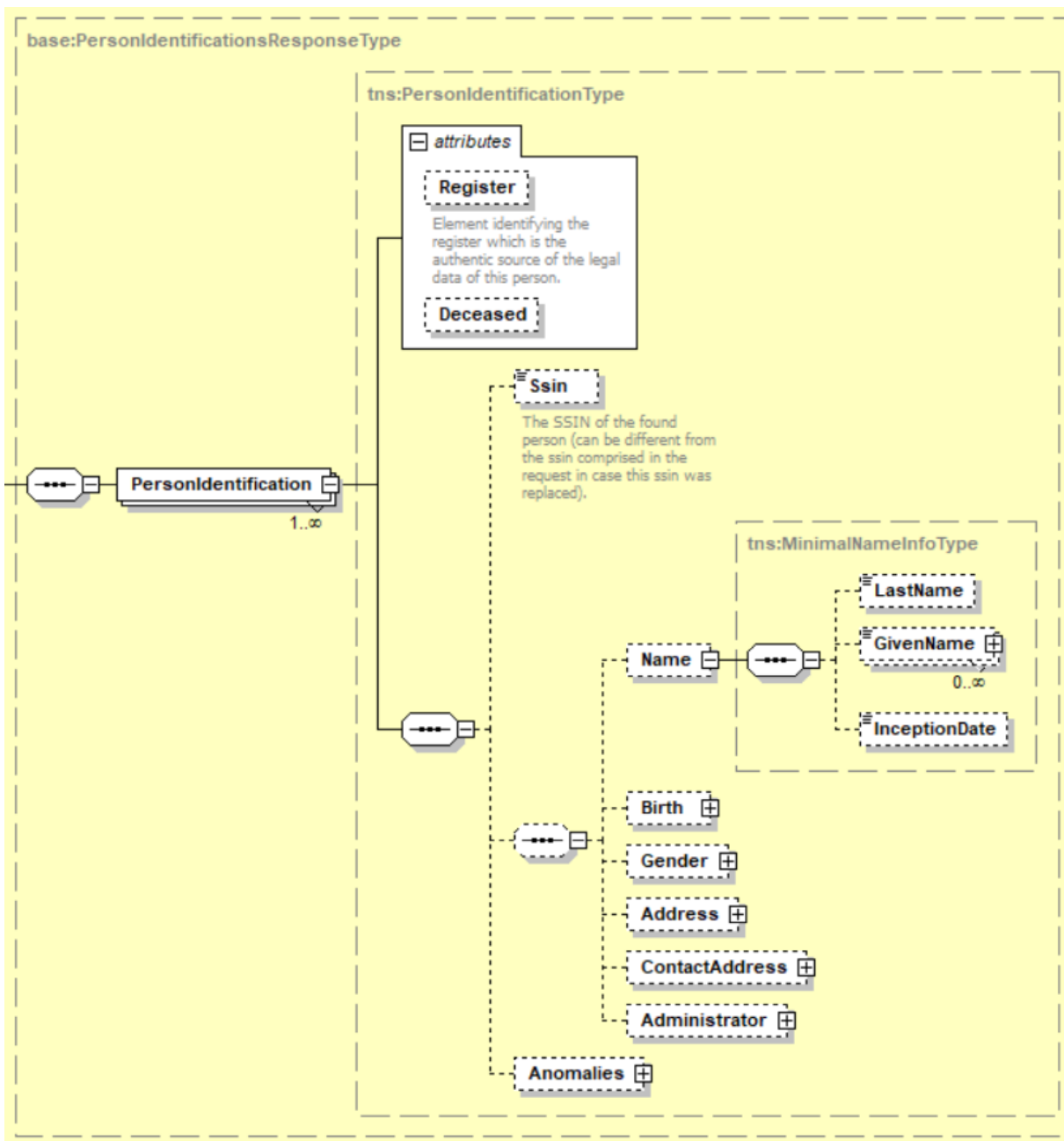
6.3 Generic structure

6.3.1 PersonResponseResultType



Field name	Description
@Register	This attribute contains the identifier of the registry which is the authentic source of the legal data of the person. Possible values are <ul style="list-style-type: none"> • 'RN' : National registry • 'RAD' : Radiated registry • 'BIS' : BIS registry • 'RAN' : Cancelled registry
@RegisterInceptionDate	This attribute contains the registration date in CBSS registry. <u>Remark</u> : This field is not present for national registry numbers
Ssin	This field contains the current person INSS number.
NobilityTitle	This field contains information about nobility title.
Name	This block contains information about last name and first names. (See section: 6.3.4)
Nationalities	This block contains information about nationalities. (See section: 6.3.5)
Birth	This block contains information about the birth. (See section: 6.3.6)
Decease	This block contains information about the decease. (See section: 6.3.7)
Gender	This block contains information about the gender. (See section: 6.3.8)
CivilStates	This block contains information about the civil state. (See section: 6.3.9)
Address	This block contains information about the address. (See section: 6.3.10)
ContactAddress	This block contains information about the contact address. <u>Remark</u> : This field is present only for person known in BCSS registry (See section: 6.3.14)
Administrator	This block contains information about the data manager (municipality or country). (See section: 6.3.15)
Subregister	This block contains information about the sub-registry of the National Registry. <u>Remark</u> : This field is present when the person is present in the National Registry (See section: 6.3.16)
LegalCohabitation	This block contains information about legal cohabitation. (See section: 6.3.17)
Anomalies	This block contains information about data inconsistency returned by the CBSS. (See section: 6.3.23)

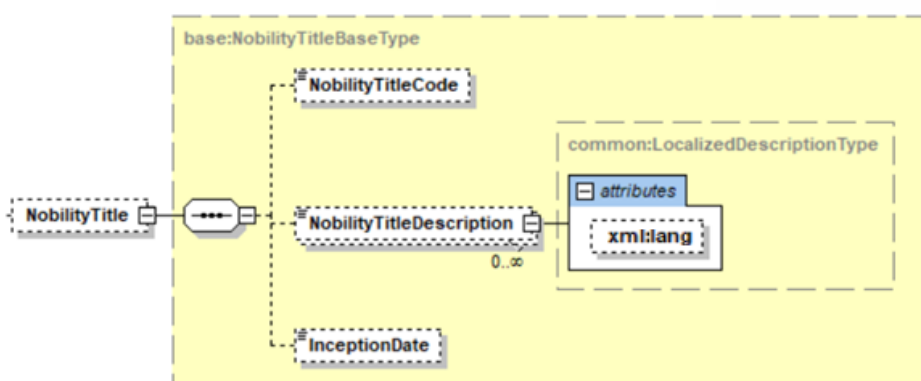
6.3.2 PersonIdentificationsResponseType



Field name	Description
@Register	This attribute contains the inscription registry of the person. Possible values are <ul style="list-style-type: none"> • 'RN' : National registry • 'RAD' : Radiated registry • 'BIS' : BIS registry • 'RAN' : Cancelled registry
@Decease	This attribute has the value TRUE if the person is deceased. Otherwise, the default value is FALSE.
SSIN	This field contains the current person INSS number.

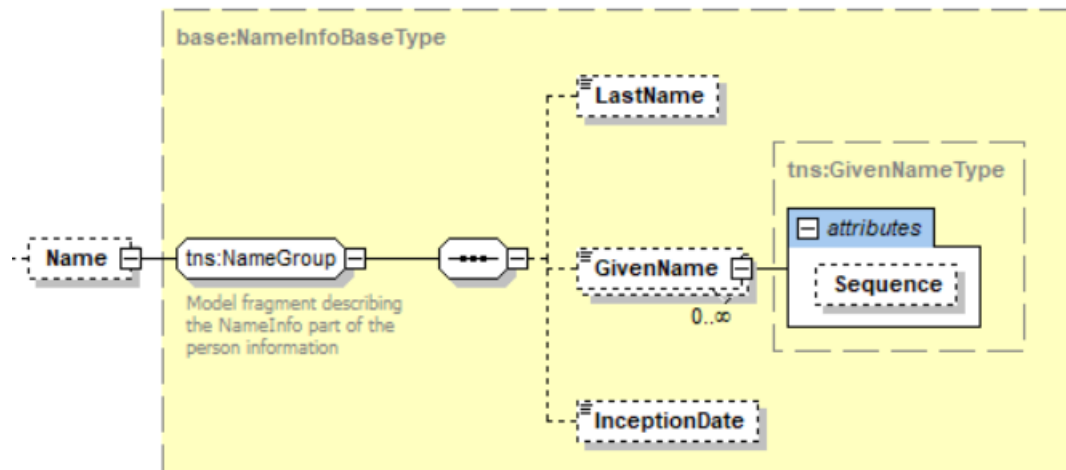
NobilityTitle	This field contains information about nobility title.
Name	This block contains information about last and first name(s). (See section: 6.3.4)
Birth	This block contains information about the birth. (See section: 6.3.6)
Gender	This block contains information about the gender. (See section: 6.3.8)
Address	This block contains information about the address. (See section: 6.3.10)
ContactAddress	Information about contact address <u>Remark:</u> This field is present only for a person known in the CBSS registry (See section: 6.3.14)
Administrator	This block contains information about the data manager (municipality or country). (See section: 6.3.15)
Anomalies	This block contains information about data inconsistency returned by the CBSS. (See section: 6.3.23)

6.3.3 NobilityTitleBaseType



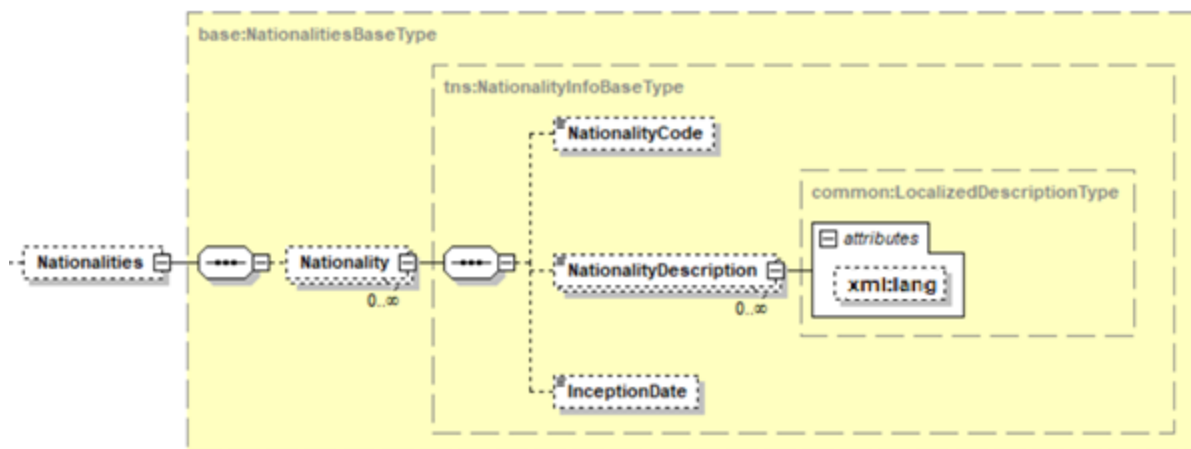
Field name	Description
NobilityTitleCode	This field contains the nobility title code.
NobilityTitleDescription	This field contains the nobility title description in different languages.
InceptionDate	This field contains the inception date of the information.

6.3.4 NameInfoBaseType



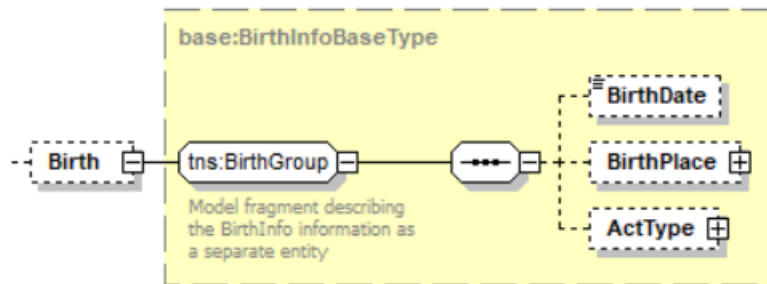
Field name	Description
Name/Lastname	This field contains the last name.
Name/GivenName[@sequence]	This field contains the first and the middle names.
InceptionDate	This field contains the inception date of the information.

6.3.5 NationalitiesBaseType



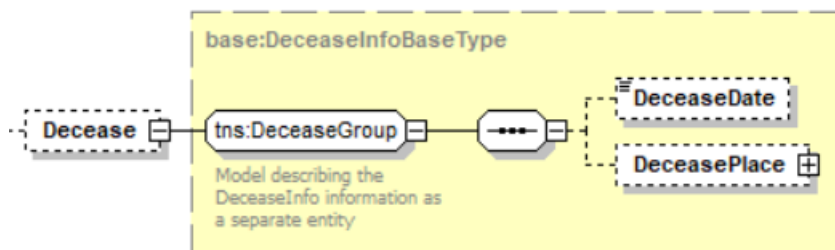
Field name	Description
NationalityCode	This field contains the NIS nationality code.
NationalityDescription	This field contains the nationality description in different languages.
InceptionDate	This field contains the inception date of the information.

6.3.6 BirthInfoBaseType



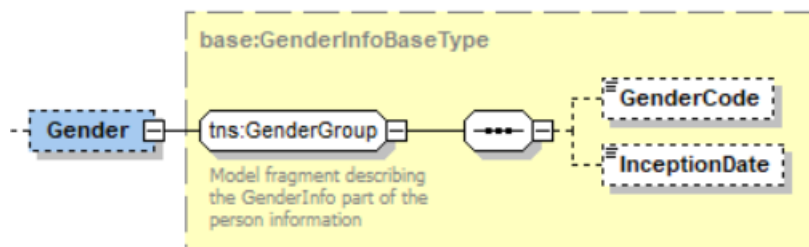
Field name	Description
Birthdate	This field contains the birth date.
Birthplace	This block contains the information about the birth place. (See section: 6.3.18)
ActType	This block contains the type of evidence. (See section: 6.3.22)

6.3.7 DeceaseInfoBaseType



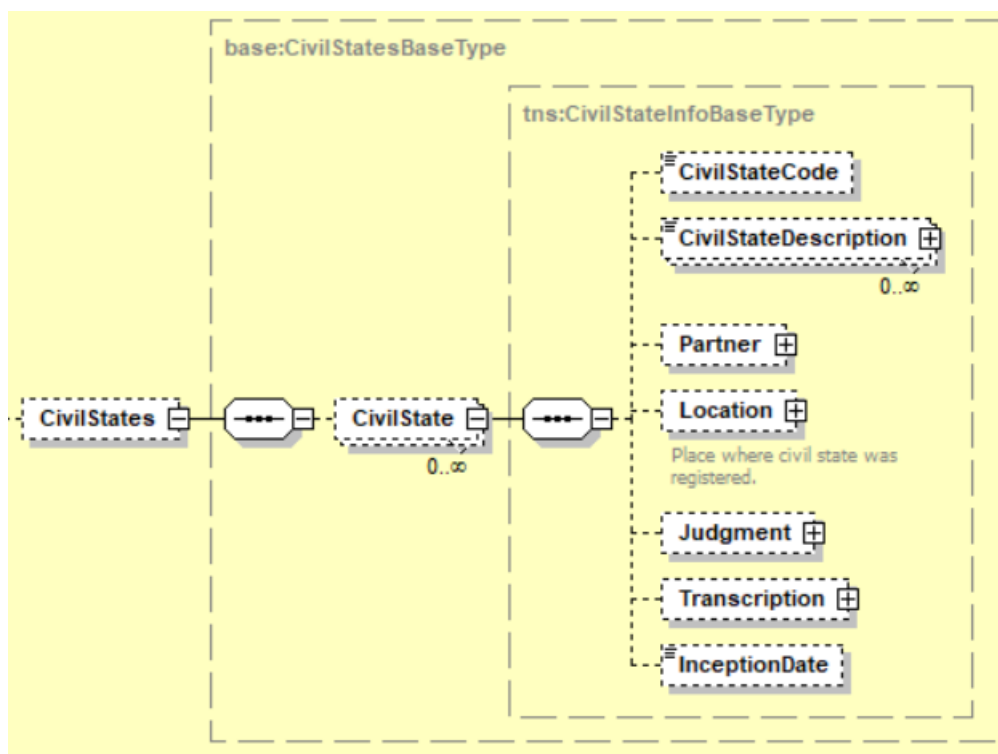
Field name	Description
DeceaseDate	This field contains the decease date.
DeceasePlace	This field contains the decease place. (See section: 6.3.18)

6.3.8 GenderInfoBaseType



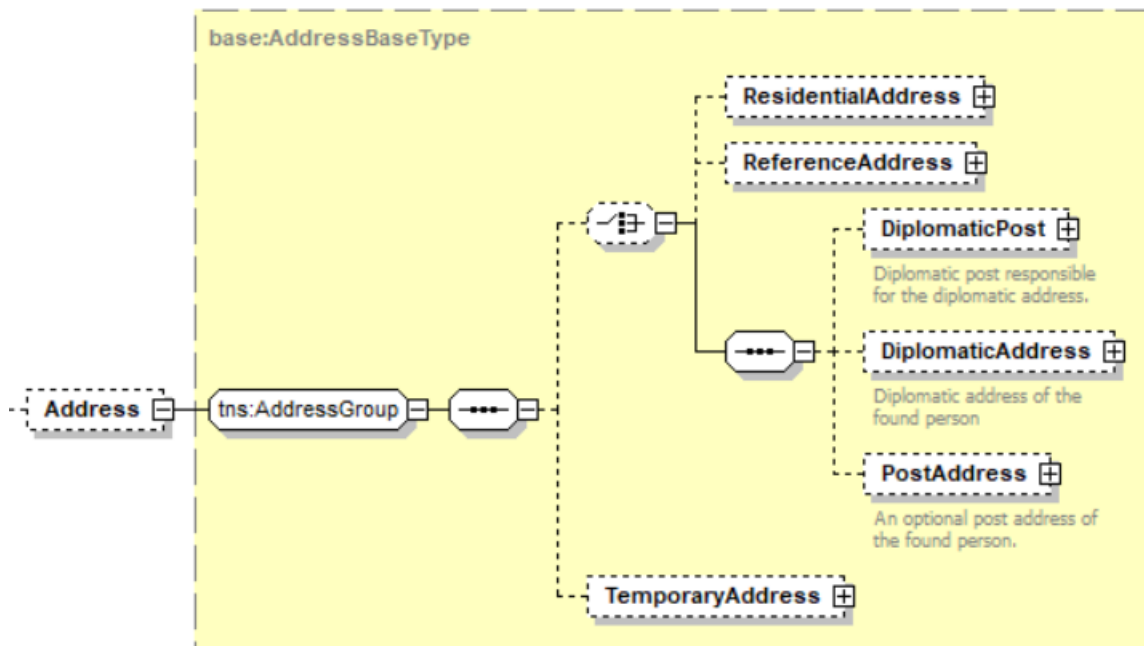
Field name	Description
GenderCode	This field contains the sex of the person. Values are: <ul style="list-style-type: none"> • 'M': Male • 'F': Female
InceptionDate	This field contains the inception date of the information.

6.3.9 CivilStatesBaseType



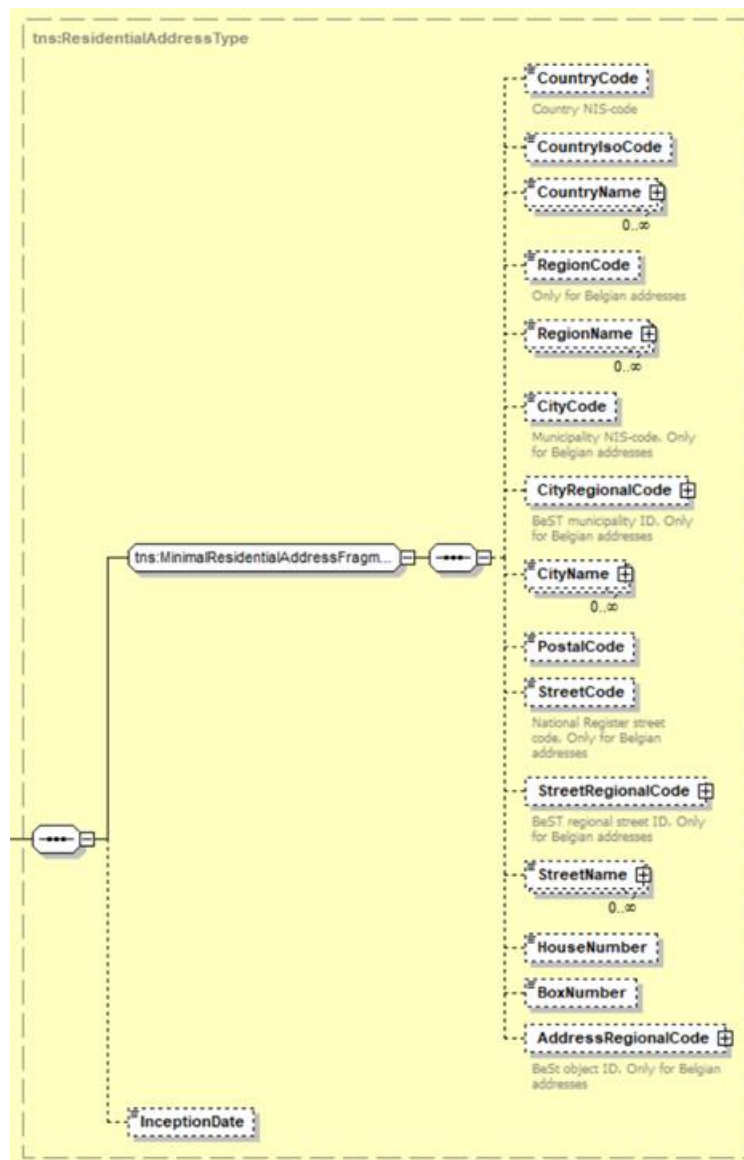
Field name	Description
CivilState/CivilstateCode	This field contains the civil state code.
CivilState/Partner	This block contains information about the partner. (marriage, divorce,...) (See section: 6.3.19)
CivilState/Location	This block contains the place of the civil state. (See section: 6.3.18)
CivilState/Judgment	This block contains the data relating to the judgment. (See section: 6.3.20)
CivilState/Transcription	This block contains the date relating to the transcription of judgment. (See section: 6.3.21)
CivilState/InceptionDate	This field contains the inception date of the information.

6.3.10 AddressBaseType



Field name	Description
ResidentialAddress	This block contains the residential address in Belgium or abroad. (See section: 6.3.11)
ReferenceAddress	This block contains the reference address in Belgium or abroad. (See section: 6.3.11)
DiplomaticPost	This block contains the data of the diplomatic address where the address abroad has been registered. (See section: 6.3.13)
DiplomaticAddress	This block contains the address registered via the diplomatic post.
PostAddress	This block contains the postal address provided for people residing abroad.
TemporaryAddress	This block contains the temporary address in Belgium or abroad (See section:6.3.12)

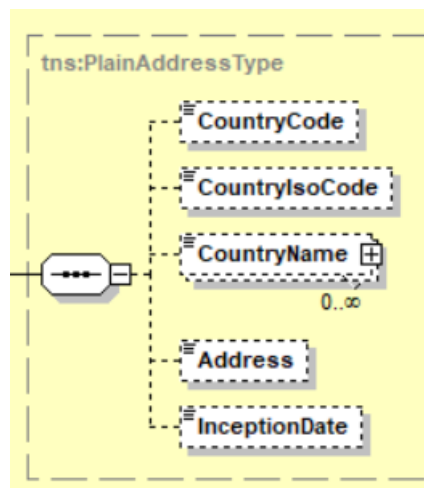
6.3.11 ResidentialAddressType



Field name	Description	Abroad	Belgian Current	Belgian BeST
CountryCode	Country code of the country (NIS code)	✓	150	150
CountryIsoCode	The 2-letter ISO code of the country (ISO 3166 alpha-2)	✓	✓	✓
CountryName	Country name	✓	✓	✓
RegionCode	Region code of the region			✓
RegionName	Region name			✓
CityCode	Municipality code (NIS code)		✓	

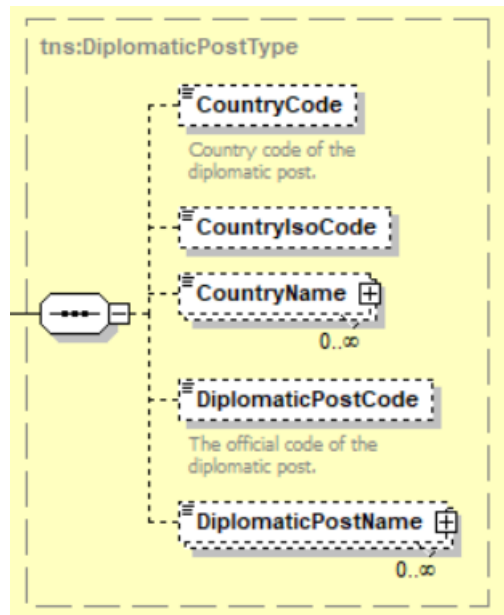
CityRegionalCode	Municipality name			✓
CityName	City name	✓	✓	✓
PostalCode	Postal code	✓	✓	✓
StreetCode	Street code		✓	
StreetRegionalCode	Street code assigned by National Registry			✓
StreetName	Street name	✓	✓	✓
HouseNumber	House number	✓	✓	✓
BoxNumber	Box number	✓	✓	✓
AddressRegionalCode	Unique identification number of the address			✓
InceptionDate	Data inception date	✓	✓	✓

6.3.12 PlainAddressType



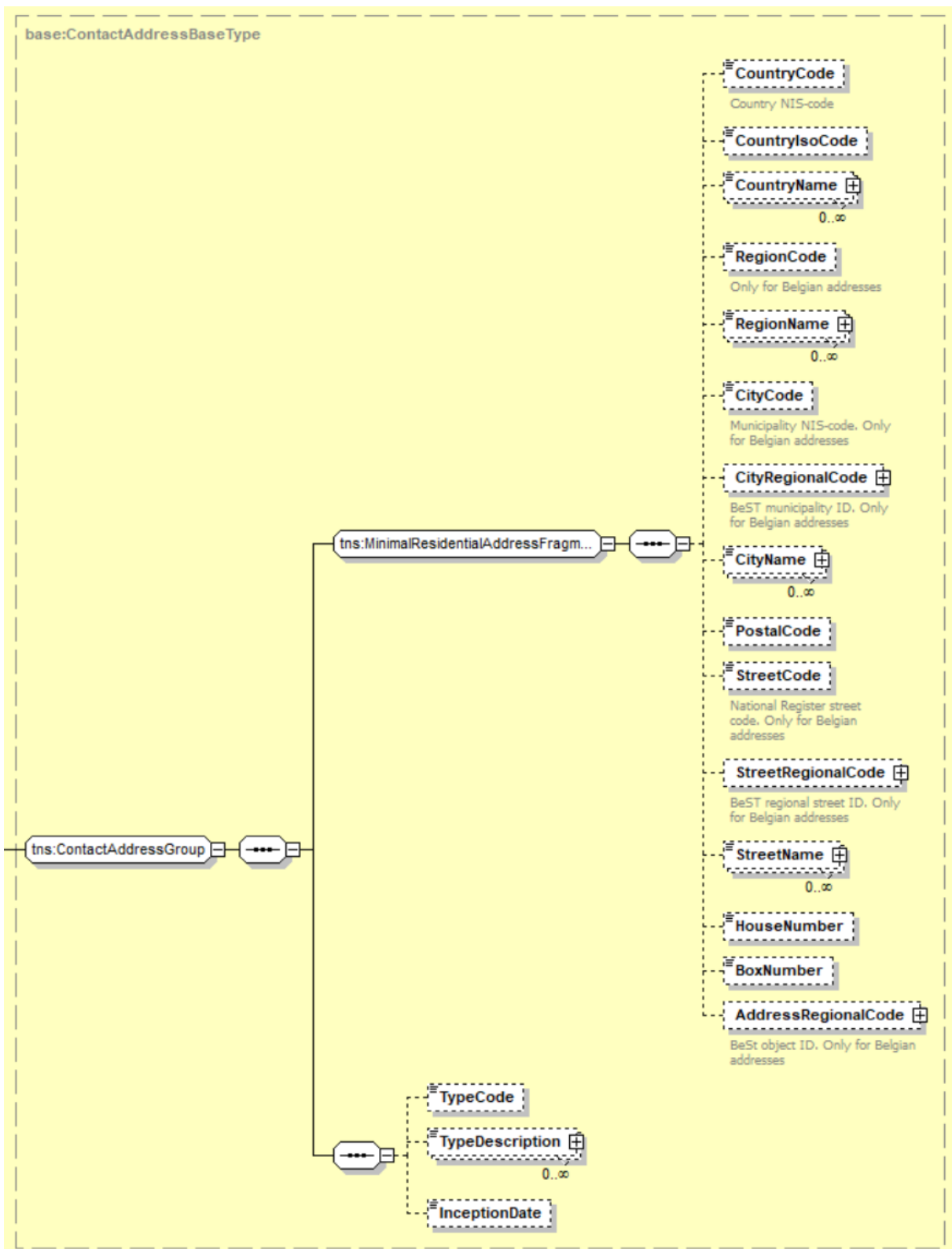
Field name	Description	Abroad	Belgian Current	Belgian BeST
CountryCode	Country code of the country (NIS code)	✓	150	150
CountryIsoCode	The 2-letter ISO code of the country (ISO 3166 alpha-2)	✓	✓	✓
CountryName	Country name	✓	✓	✓
Address(unstructured)	Address unstructured	✓	✓	✓
InceptionDate	Data inception date	✓	✓	✓

6.3.13 DiplomaticPostType



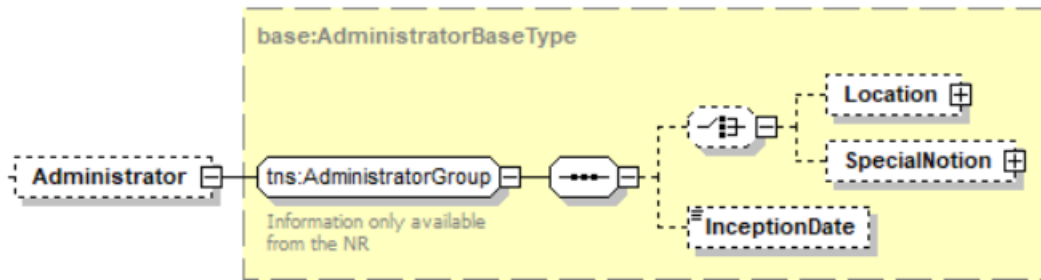
Field name	Description	Abroad	Belgian Current	Belgian BeST
countryCode	Country code of the country (NIS code)	✓	150	150
countryIsoCode	The 2-letter ISO code of the country (ISO 3166 alpha-2)	✓	✓	✓
countryName	Country name	✓	✓	✓
diplomaticPostCode	NIS diplomatic post code	✓	✓	✓
diplomaticPostName	Description diplomatic post code	✓	✓	✓

6.3.14 ContactAddressBaseType



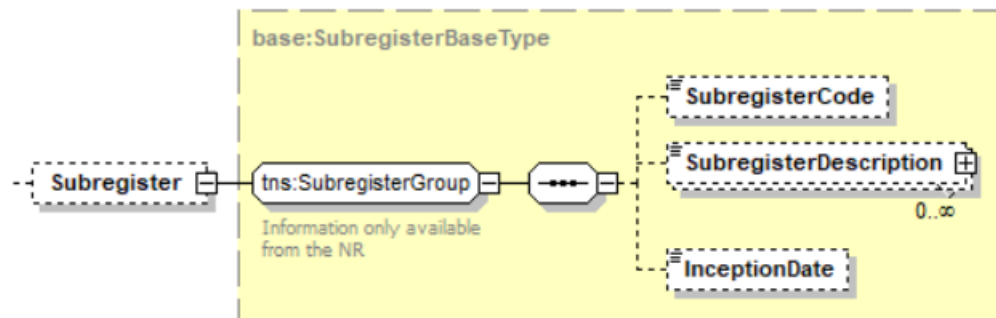
Field name	Description	Abroad	Belgian Current	Belgian BeST
CountryCode	Country code of the country (NIS code)	✓	150	150
CountryIsoCode	The 2-letter ISO code of the country (ISO 3166 alpha-2)	✓	✓	✓
CountryName	Country name	✓	✓	✓
RegionCode	Region code of the region			✓
RegionName	Region name			✓
CityCode	Municipality code (NIS code)		✓	
CityRegionalCode	Municipality name			✓
CityName	City name	✓	✓	✓
PostalCode	Postal code	✓	✓	✓
StreetCode	Street code		✓	
StreetRegionalCode	Street code assigned by National Registry			✓
StreetName	Street name	✓	✓	✓
HouseNumber	House number	✓	✓	✓
BoxNumber	Box number	✓	✓	✓
AddressRegionalCode	Unique identification number of the address			✓
TypeCode	Type code contact address	N.A	N.A	N.A
TypeDescription	Type code description	N.A	N.A	N.A
InceptionDate	Data inception date	✓	✓	✓

6.3.15 AdministratorBaseType



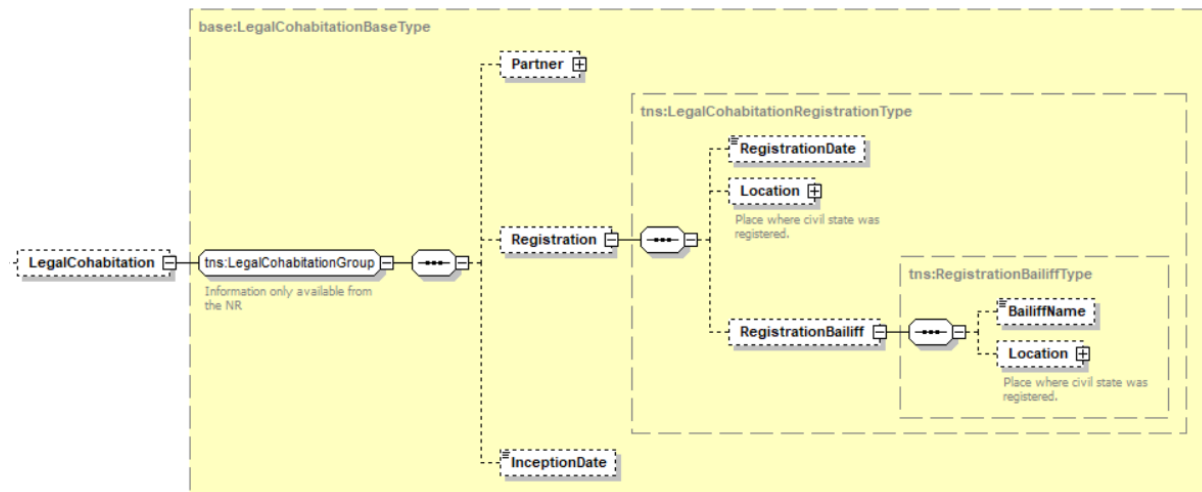
Field name	Description
Location	This block contains the municipality or country location. (See section: 6.3.18)
SpecialNotion	This field contains a special code if it is not a "normal" manager. This is usually a code of radiation from the National Registry.
InceptionDate	This field contains the inception date of the information.

6.3.16 SubregisterBaseType



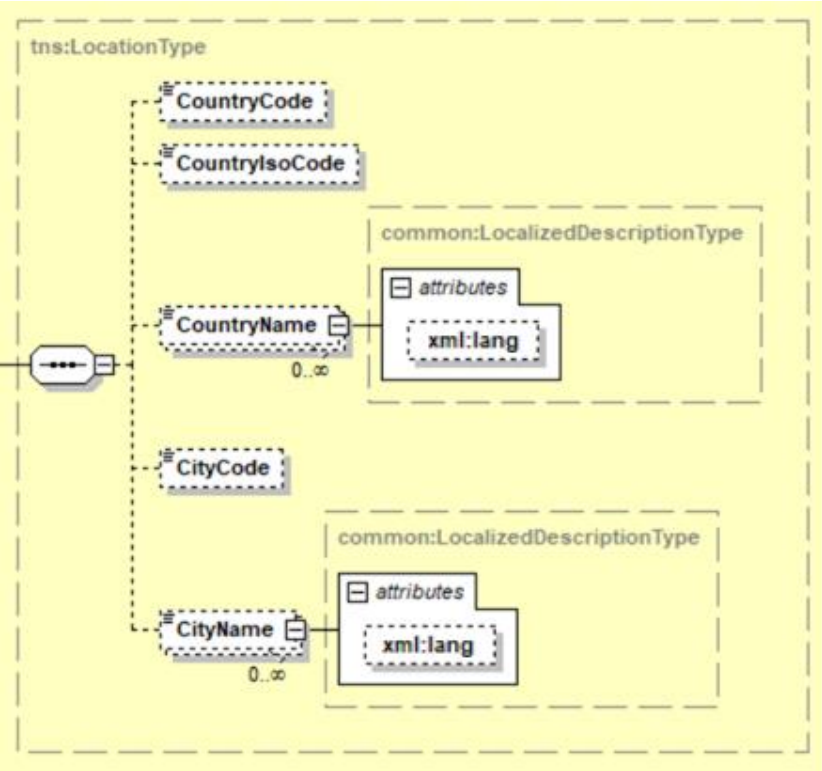
Field name	Description
SubregisterCode	This field contains the sub register code.
SubregisterDescription	This field contains the description of the sub register in different languages.
InceptionDate	This field contains the inception date of the information.

6.3.17 LegalCohabitationBaseType



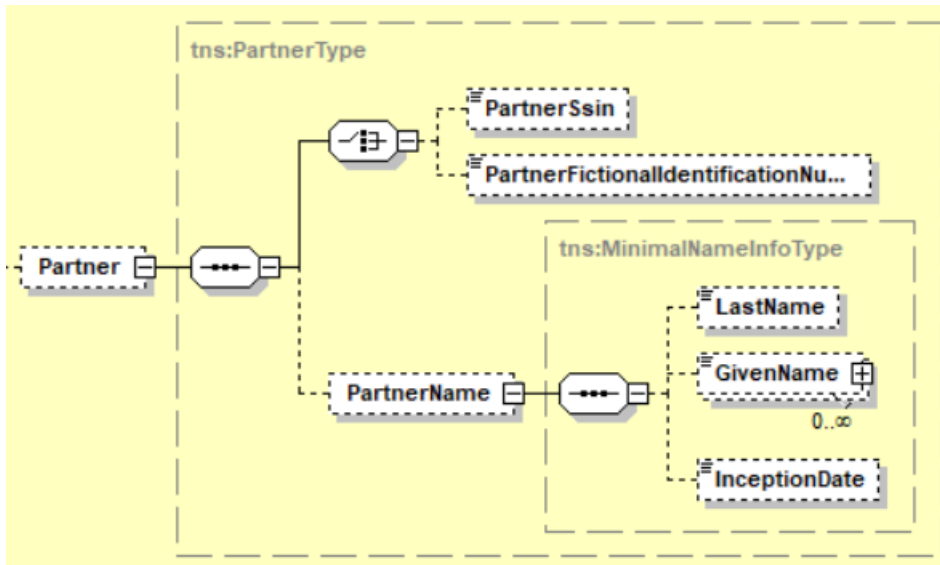
Field name	Description
Partner	This block contains the partner information. (See section: 6.3.19)
Registration/RegistrationDate	This field contains the registration date.
Registration/Location	Registration place (See section: 6.3.18)
RegistrationBailiff/BailiffName	This block contains the notarial contract. (before 1/09/2015)
RegistrationBailiff/Location	This block contains the notarial location. (See section: 6.3.18)
InceptionDate	This field contains the inception date of the information.

6.3.18 LocationType



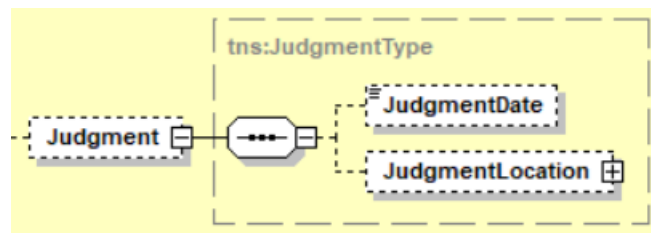
Field name	Description
CountryCode	This field contains the country code of the country. (NIS code)
CountryIsoCode	This field contains the 2-letter ISO code of the country. (ISO 3166 alpha-2)
CountryName	This field contains the name of the country in different languages.
CityCode	This field contains the municipality code. (NIS code)
CityName	This field contains the municipality name in different languages.

6.3.19 PartnerType



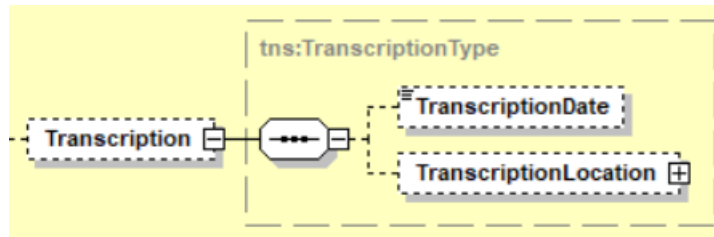
Field name	Description
PartnerSSIN	This field contains the SSIN number of the partner.
PartnerFictionalIdentificationNumber	This field contains the partner fictional identification number. <u>Remark:</u> If the partner has no identification number in the National Registry.
PartnerName/LastName	This field contains the last name of the partner.
PartnerName/GivenName[@sequence]	This field contains the first names of the partner (3 maximum first names). The attribute <i>sequence</i> has a value from 1 to 3.
InceptionDate	This field contains the inception date of the information.

6.3.20 JudgmentType



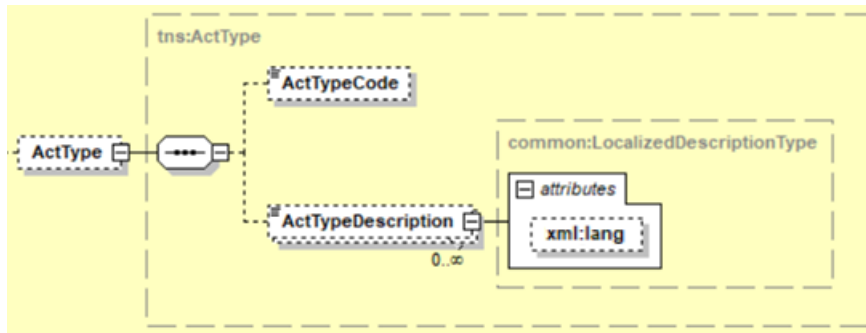
Field name	Description
JudgmentDate	This field contains the judgment date.
JudgmentLocation	This block contains the judgment location. (See section: 6.3.18)

6.3.21 TranscriptionType



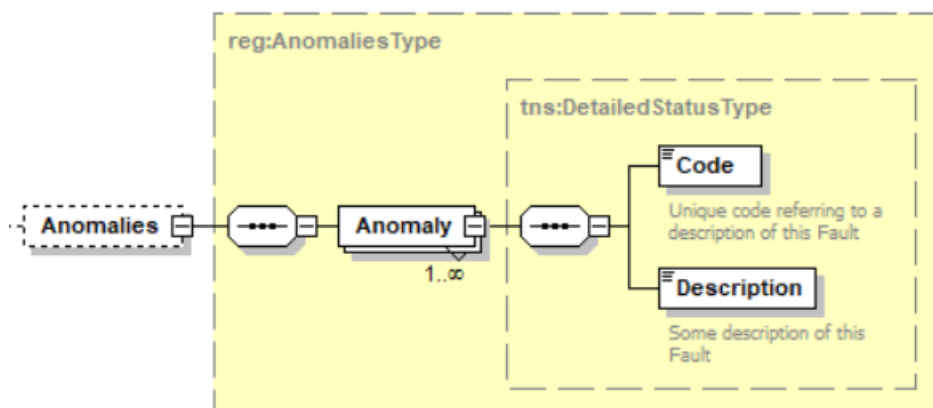
Field name	Description
TranscriptionDate	This field contains the judgment transcription date.
TranscriptionLocation	This block contains the judgment transcription location. (See section: 6.3.18)

6.3.22 ActType



Field name	Description
ActTypeCode	This field contains the act type code.
ActTypeDescription	This field contains the act type description in different languages.

6.3.23 AnomaliesType



Field name	Description
Anomaly/Code	This field contains the anomaly code.
Anomaly/Description	This field contains the anomaly code description.

7. Risks and security

7.1 Security

7.1.1 Business security

In case the development adds an additional use case based on an existing integration, the eHealth platform must be informed at least one month in advance with a detailed estimate of the expected load. This will ensure an effective capacity management.

In case of technical issues on the WS, the partner may obtain support from the contact center (See Chap 3)

In case the eHealth platform finds a bug or vulnerability in its software, we advise the partner to update his application with the newest version of the software within 10 business days.

In case the partner finds a bug or vulnerability in the software or web service that the eHealth platform delivered, he is obliged to contact and inform us immediately. He is not allowed to publish this bug or vulnerability in any case.

7.1.2 Web service

WS security used in this manner is in accordance with the common standards. Your call will provide:

- SSL one way
- Time-to-live of the message: one minute.
- Signature of the timestamp, body and binary security token. This will allow the eHealth platform to verify the integrity of the message and the identity of the message author.
- No encryption on the message.

7.1.3 The use of username, password and token

The username, password and token are strictly personal. Partners and clients are not allowed to transfer them. Every user takes care of his username, password and token and he is forced to confidentiality of it. Moreover, every user is responsible of every use, which includes the use by a third party, until the inactivation.



8. Test and release procedure

8.1 Procedure

This chapter explains the procedures for testing and releasing an application in acceptance or production.

8.1.1 Initiation

If you intend to use the eHealth platform service, please contact info@ehealth.fgov.be. The project department will provide you with the necessary information and mandatory documents.

8.1.2 Development and test procedure

You have to develop a client in order to connect to our WS. Most of the required integration info to integrate is published on the portal of the eHealth platform.

Upon request, the eHealth platform provides you in some cases, with a mock-up service or test cases in order for you to test your client before releasing it in the acceptance environment.

8.1.3 Release procedure

When development tests are successful, you can request to access the acceptance environment of the eHealth platform. From this moment, you start the integration and acceptance tests. The eHealth platform suggests testing during minimum one month.

After successful acceptance tests, the partner sends his test results and performance results with a sample of “eHealth request” and “eHealth answer” by email to his point of contact at the eHealth platform.

Then the eHealth platform and the partner agree on a release date. The eHealth platform prepares the connection to the production environment and provides the partner with the necessary information. During the release day, the partner provides the eHealth platform with feedback on the test and performance tests.

For further information and instructions, please contact: integration-support@ehealth.fgov.be.

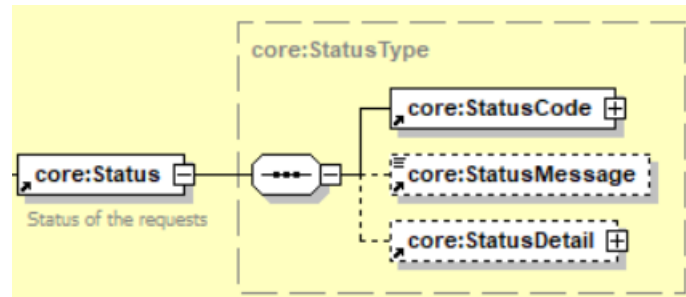
8.1.4 Operational follow-up

Once in production, the partner using the eHealth platform service for one of his applications will always test first in the acceptance environment before releasing any adaptations of its application in production. In addition, he will inform the eHealth platform on the progress and test period.



9. Status

When you call the service, the information about the success or error from the request is contained in a Status element.



Field name	Description
StatusCode	Status code
StatusMessage	Status code description
StatusDetail	Additional information about the status

9.1 Success response

In case of success response, the element status will contained the following information:

```

<ns2:Status>
  <ns2:StatusCode Value="urn:be:fgov:ehhealth:2.0:status:Success"/>
</ns2:Status>
  
```

9.2 Business errors

In the case of a business error, the element status will contained the following information:

9.2.1 searchPersonBySSIN

Error Description	Element eHealth	Solution
ApplicationID is malformed	<pre> <Status> <StatusCode Value="urn:be:fgov:ehhealth:2.0:status:Requester"> <StatusCode Value="urn:be:fgov:ehhealth:2.0:status:InvalidInput"/> </StatusCode> <StatusMessage>The applicationId is malformed</StatusMessage> </Status> </pre>	<p>The applicationID is not valid.</p> <p>Please use a correct application Id in your request.</p>

No right configured to call the web service	<pre><Status> <StatusCode Value="urn:be:fgov:ehhealth:2.0:status:Requester"/> <StatusCode Value="urn:be:fgov:ehhealth:2.0:status:RequestDenied"> </StatusCode> <StatusMessage>No right configured to call the web service </StatusMessage> </Status></pre>	The applicationID is not allowed to call the web service. Please refer to the helpdesk.
Access to this operation is not allowed with the given legal context and credentials.	<pre><Status> <StatusCode Value="urn:be:fgov:ehhealth:2.0:status:Requester"> <StatusCode Value="urn:be:fgov:ehhealth:2.0:status:InvalidInput"/> </StatusCode> <StatusMessage>Access to this operation is not allowed with the given legal context and credentials</StatusMessage> </Status></pre>	Request to service is forbidden. Please refer to the helpdesk.
SSIN does not respect the check digit.	<pre><Status> <StatusCode Value="urn:be:fgov:ehhealth:2.0:status:Requester"> <StatusCode Value="urn:be:fgov:ehhealth:2.0:status:InvalidInput"/> </StatusCode> <StatusMessage>The Ssin does not respect the check digit </StatusMessage> </Status></pre>	The applicationID is not valid. Please use a correct application Id in your request.
The SSIN does not exist in KSZ registry.	<pre><Status> <StatusCode Value="urn:be:fgov:ehhealth:2.0:status:Requester"> <StatusCode Value="urn:be:fgov:ehhealth:2.0:status: DataNotFound"/> </StatusCode> <StatusMessage>The SSIN given in request does not exist </StatusMessage> </Status></pre>	There is no information found about the individual in the CBSS registry.
The SSIN given in request is cancelled.	<pre><Status> <StatusCode Value="urn:be:fgov:ehhealth:2.0:status:Requester"> <StatusCode Value="urn:be:fgov:ehhealth:2.0:status: DataNotFound"/> </StatusCode> <StatusMessage>The SSIN given in request is canceled </StatusMessage> </Status></pre>	The INSS in cancelled.
Cause unknown	<pre><Status> <StatusCode Value="urn:be:fgov:ehhealth:2.0:status:Requester "> <StatusCode Value="urn:be:fgov:ehhealth:2.0:status:Indeterminate"/> </StatusCode> <StatusMessage>Cause unknown</StatusMessage> </Status></pre>	Please refer to the helpdesk.

9.2.2 searchPersonPhonetically

Error Description	Element eHealth	Solution
ApplicationID is malformed.	<pre><Status> <StatusCode Value="urn:be:fgov:ehhealth:2.0:status:Requester"> <StatusCode Value="urn:be:fgov:ehhealth:2.0:status:InvalidInput"/> </StatusCode> <StatusMessage>The applicationId is malformed</StatusMessage> </Status></pre>	The applicationID is not valid. Please use a correct application Id in your request.
Wrong configuration to call the web service.	<pre><Status> <StatusCode Value="urn:be:fgov:ehhealth:2.0:status:Requester"></pre>	The applicationID is not allowed to



	<pre><StatusCode Value="urn:be:fgov:health:2.0:status:RequestDenied"/> </StatusCode> <StatusMessage>No right configured to call the web service </StatusMessage> </Status></pre>	call the web service. Please refer to helpdesk.
Access to this operation is not allowed with the given legal context and credentials.	<pre><Status> <StatusCode Value="urn:be:fgov:health:2.0:status:Requester"> <StatusCode Value="urn:be:fgov:health:2.0:status:InvalidInput"/> </StatusCode> <StatusMessage>Access to this operation is not allowed with the given legal context and credentials</StatusMessage> </Status></pre>	Request to service is forbidden. Please refer to the helpdesk.
Algorithm for given name does not exist.	<pre><Status> <StatusCode Value="urn:be:fgov:health:2.0:status:Requester "> <StatusCode Value="urn:be:fgov:health:2.0:status:RequestDenied"/> </StatusCode> <StatusMessage>Algorithm for given name does not exists</StatusMessage> </Status></pre>	Wrong search algorithm. Please use an existing search algorithm.
One or several input data submitted in the request are not valid according to CBSS standard	<pre><Status> <StatusCode Value="urn:be:fgov:health:2.0:status:Requester "> <StatusCode Value="urn:be:fgov:health:2.0:status:InvalidInput"/> </StatusCode> <StatusMessage>Business validation error </StatusMessage> <StatusDetail> </StatusDetail> </Status></pre>	Invalid data are details in the field StatusDetail. Please update your request with valid input data.
Cause unknown	<pre><Status> <StatusCode Value="urn:be:fgov:health:2.0:status:Requester "> <StatusCode Value="urn:be:fgov:health:2.0:status:Indeterminate"/> </StatusCode> <StatusMessage>Cause unknown</StatusMessage> </Status></pre>	Please refer to the helpdesk.

9.3 Technical errors

In the case of a technical error, a SOAP fault exception is returned (See table below).

If an error occurs, please FIRST verify your request. Following table contains a list of common system error codes for the eHealth Service Bus.

Error code	Component	Description	Solution
SOA-00001	Not determined	Service error	This is the default error sent to the consumer in case no more details are known.
SOA-01001	Consumer	Service call not authenticated	From the security information provided: <ul style="list-style-type: none"> • or the consumer could not be identified • or the credentials provided are not correct



SOA-01002	Consumer	Service call not authorized	<ul style="list-style-type: none"> The consumer is identified and authenticated, but is not allowed to call the given service.
SOA-02001	Provider	Service not available. Please contact service desk	<ul style="list-style-type: none"> An unexpected error has occurred: Retries will not work Service desk may help with root cause analysis
SOA-02002	Provider	Service temporarily not available. Please try later	<ul style="list-style-type: none"> An unexpected error has occurred: Retries should work If the problem persists help desk may help
SOA-03001	Consumer	Malformed message	This is default error for content related errors in case more details are missing.
SOA-03002	Consumer	Message must be SOAP	Message does not respect the SOAP standard
SOA-03003	Consumer	Message must contain SOAP body	Message respects the SOAP standard, but body is missing.
SOA-03004	Consumer	WS-I compliance failure	Message does not respect the WS-I standard.
SOA-03005	Consumer	WSDL compliance failure	Message is not compliant with WSDL in Registry/Repository.
SOA-03006	Consumer	XSD compliance failure	Message is not compliant with XSD in Registry/Repository.
SOA-03007	Consumer	Message content validation failure	<p>From the message content (conform XSD):</p> <ul style="list-style-type: none"> Extended checks on the element format failed Cross-checks between fields failed

Error message SOA-03004 will be thrown when the following rules are not satisfied.

R1008	<i>An Envelope must not contain a Document Type Declaration.</i>
R1032	<i>The soap:Envelope, soap:Header, and soap:Body elements in an Envelope must not have attributes in the namespace http://schemas.xmlsoap.org/soap/envelope/</i>



R2744	<i>A HTTP request message must contain a SOAPAction a HTTP header field with a quoted value equal to the value of the soapAction attribute of soap:operation, if present in the corresponding WSDL description.</i>
R2745	<i>A HTTP request message must contain a SOAP action a HTTP header field with a quoted empty string value, if in the corresponding WSDL description, the SOAPAction of soapbind:operation is either not present, or present with an empty string as its value.</i>

10. Example

10.1 searchPersonBySsin

10.1.1 Request

```
<SearchPersonBySsinRequest xmlns="urn:be:fgov:health:rn:personservice:protocol:v1"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:core="urn:be:fgov:health:rn:personservice:core:v1" Id="idRequest" IssueInstant="
2020-02-
27T14:28:35.841+01:00" xsi:schemaLocation="urn:be:fgov:health:rn:personservice:protocol:v1
  ehealth-rnconsult-personservice-protocol.xsd">
  <ApplicationId>XXXXXXXXXX</ApplicationId>
  <Criteria>
    <core:Ssin>12345678910</core:Ssin>
  </Criteria>
</SearchPersonBySsinRequest>
```

10.1.2 Success response

```
<ns3:SearchPersonBySsinResponse Id="Id-XXXXX" InResponseTo="idRequest" IssueInstant="2020-
05-04T15:08:39.862+02:00"
  xmlns:ns10="urn:be:fgov:health:errors:soa:v1"
  xmlns:ns11="urn:be:fgov:health:errors:service:v1"
  xmlns:ns2="urn:be:fgov:health:commons:core:v2"
  xmlns:ns3="urn:be:fgov:health:rn:personservice:protocol:v1"
  xmlns:ns4="urn:be:fgov:health:rn:personlegaldata:v1"
  xmlns:ns5="urn:be:fgov:health:rn:baselegaldata:v1"
  xmlns:ns6="urn:be:fgov:health:rn:registries:commons:v1"
  xmlns:ns7="urn:be:fgov:health:rn:personservice:core:v1"
  xmlns:ns8="urn:be:fgov:health:rn:commons:business:v1">
  <ns2:Status>
    <ns2:StatusCode Value="urn:be:fgov:health:2.0:status:Success"/>
  </ns2:Status>
  <ns3:Ssin>12345678910</ns3:Ssin>
  <ns3:Result>
    <ns7:Person>
      <ns4:Ssin>12345678910</ns4:Ssin>
      <ns4:Name>
        <ns5:LastName>LastName</ns5:LastName>
        <ns5:GivenName Sequence="1">GivenName</ns5:GivenName>
        <ns5:InceptionDate>XXXX-XX-XX</ns5:InceptionDate>
      </ns4:Name>
      <ns4:Nationalities>
        <ns5:Nationality>
          <ns5:NationalityCode>150</ns5:NationalityCode>
```



```

        <ns5:NationalityDescription xml:lang="fr">Belgique</ns5:NationalityDescription>
    </ns4:Nationalities>
    <ns4:Birth>
        <ns5:BirthDate>XXXX-XX-XX</ns5:BirthDate>
        <ns5:BirthPlace>
            <ns5:CountryCode>150</ns5:CountryCode>
            <ns5:CountryName xml:lang="fr">Belgique</ns5:CountryName>
            <ns5:CountryName xml:lang="nl">België</ns5:CountryName>
            <ns5:CountryName xml:lang="de">Belgien</ns5:CountryName>
            <ns5:CityCode>XXXXX</ns5:CityCode>
            <ns5:CityName xml:lang="fr">XXXXXXXXXXXXXXXXXX</ns5:CityName>
        </ns5:BirthPlace>
    </ns4:Birth>
    <ns4:Gender>
        <ns5:GenderCode>M</ns5:GenderCode>
    </ns4:Gender>
    <ns4:CivilStates>
        <ns5:CivilState>
            <ns5:CivilStateCode>10</ns5:CivilStateCode>
            <ns5:CivilStateDescription xml:lang="fr">Célibataire</ns5:CivilStateDescription>
            <ns5:CivilStateDescription xml:lang="nlf">Ongehuwd</ns5:CivilStateDescription>
        </ns5:CivilState>
    </ns4:CivilStates>
    <ns4:Address>
        <ns5:ResidentialAddress>
            <ns5:CountryCode>150</ns5:CountryCode>
            <ns5:CountryName xml:lang="fr">Belgique</ns5:CountryName>
            <ns5:CountryName xml:lang="nl">België</ns5:CountryName>
            <ns5:CountryName xml:lang="de">Belgien</ns5:CountryName>
            <ns5:CityCode>XXXXX</ns5:CityCode>
            <ns5:CityName xml:lang="fr">XXXXXXXXXXXXXXXXXX</ns5:CityName>
            <ns5:PostalCode>XXXX</ns5:PostalCode>
            <ns5:StreetCode>XXXX</ns5:StreetCode>
            <ns5:StreetName xml:lang="fr">XXXXXXXXXXXX</ns5:StreetName>
            <ns5:HouseNumber>X</ns5:HouseNumber>
            <ns5:BoxNumber>X</ns5:BoxNumber>
            <ns5:InceptionDate>XXXX-XX-XX</ns5:InceptionDate>
        </ns5:ResidentialAddress>
    </ns4:Address>

```

```

        </ns5:ResidentialAddress>
      </ns4:Address>
    </ns7:Person>
  </ns3:Result>
</ns3:SearchPersonBySsinResponse>

```

10.1.3 Business error response

```

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <ns3:SearchPersonBySsinResponse Id="Id-
XXXX" InResponseTo="idRequest" IssueInstant="2020-02-27T14:57:12.932+01:00"
      xmlns:ns2="urn:be:fgov:ehealth:commons:core:v2"
      xmlns:ns3="urn:be:fgov:ehealth:rn:personservice:protocol:v1"
      xmlns:ns5="urn:be:fgov:ehealth:rn:personservice:core:v1"
      xmlns:ns6="urn:be:fgov:ehealth:rn:registries:commons:v1"
      xmlns:ns7="urn:be:fgov:ehealth:rn:commons:business:v1"
      xmlns:ns8="urn:be:fgov:ehealth:errors:soa:v1"
      xmlns:ns9="urn:be:fgov:ehealth:errors:service:v1">
      <ns2:Status>
        <ns2:StatusCode Value="urn:be:fgov:ehealth:2.0:status:Requester">
          <ns2:StatusCode Value="urn:be:fgov:ehealth:2.0:status:InvalidInput"/>
        </ns2:StatusCode>
        <ns2:StatusMessage>The structure of the SSIN given in request is invalid<
/ns2:StatusMessage>
      </ns2:Status>
    </ns3:SearchPersonBySsinResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

10.1.4 Technical error response

```

<ns3:SearchPersonBySsinResponse Id="Id-
XXXXXXXX" InResponseTo="idRequest" IssueInstant="2020-02-28T15:18:23.381+01:00"
  xmlns:ns2="urn:be:fgov:ehealth:commons:core:v2"
  xmlns:ns3="urn:be:fgov:ehealth:rn:personservice:protocol:v1"
  xmlns:ns5="urn:be:fgov:ehealth:rn:personservice:core:v1"
  xmlns:ns6="urn:be:fgov:ehealth:rn:registries:commons:v1"
  xmlns:ns7="urn:be:fgov:ehealth:rn:commons:business:v1"
  xmlns:ns8="urn:be:fgov:ehealth:errors:soa:v1"
  xmlns:ns9="urn:be:fgov:ehealth:errors:service:v1">
  <ns2:Status>
    <ns2:StatusCode Value="urn:be:fgov:ehealth:2.0:status:Responder"/>
    <ns2:StatusMessage>Received technical error from CBSS</ns2:StatusMessage>
    <ns2:StatusDetail>
      <ns7:Message>
        <ns7:Severity>FATAL</ns7:Severity>

```



```

        < ns7:ReasonCode>MSG00003</ns7:ReasonCode>
<Diagnostic>Internal error</ns7:Diagnostic>
<AuthorCode>http://www.ksz-bcss.fgov.be/</ns7:AuthorCode>
</ns7:Message>
</ns2:StatusDetail>
</ns2:Status>
</ns3:SearchPersonBySsinResponse>

```

10.2 searchPersonPhonetically

10.2.1 Request

```

<urn:SearchPersonPhoneticallyRequest Id="idRequest" IssueInstant="2020-02-
27T14:57:12.932+01:00">
  <urn:ApplicationId>XXXXXXXXXX</urn:ApplicationId>
  <urn:Criteria>
    <urn1:Name>
      <urn1:LastName>LastName</urn1:LastName>
      <urn1:GivenName Sequence="1">FirstName</urn1:GivenName>
      <urn1:GivenNameMatching>COMPLETE_FIRST_GIVENNAME</urn1:GivenNameMatching>
    </urn1:Name>
    <urn1:Birth>
      <urn1:BirthDate>1984-00-00</urn1:BirthDate>
      <urn1:Variation>2</urn1:Variation>
    </urn1:Birth>
  </urn:Criteria>
</urn:SearchPersonPhoneticallyRequest>

```

10.2.2 Success response

```

<ns6:SearchPersonPhoneticallyResponse Id="Id-
ad1bb05e328ca0efd539b1a8" InResponseTo="id1" IssueInstant="2020-05-04T15:42:07.672+02:00"
  xmlns:ns10="urn:be:fgov:ehealth:errors:service:v1"
  xmlns:ns2="urn:be:fgov:ehealth:commons:core:v2"
  xmlns:ns3="urn:be:fgov:ehealth:rn:baselegaldata:v1"
  xmlns:ns4="urn:be:fgov:ehealth:rn:registries:commons:v1"
  xmlns:ns5="urn:be:fgov:ehealth:rn:personservice:core:v1"
  xmlns:ns6="urn:be:fgov:ehealth:rn:personservice:protocol:v1"
  xmlns:ns7="urn:be:fgov:ehealth:rn:commons:business:v1"
  xmlns:ns9="urn:be:fgov:ehealth:errors:soa:v1">
  <ns2:Status>
    <ns2:StatusCode Value="urn:be:fgov:ehealth:2.0:status:Success"/>
  </ns2:Status>
  <ns6:Result>
    <ns5:PersonIdentifications>
      <ns3:PersonIdentification Register="NR">
        <ns3:Ssin>12345678910</ns3:Ssin>
        <ns3:Name>

```



```

        <ns3:LastName>Dupont</ns3:LastName>
        <ns3:GivenName Sequence="1">Firstname1</ns3:GivenName>
        <ns3:GivenName Sequence="2">Firstname2</ns3:GivenName>
    </ns3:Name>
    <ns3:Birth>
        <ns3:BirthDate>XXXX-XX-XX</ns3:BirthDate>
    </ns3:Birth>
    <ns3:Gender>
        <ns3:GenderCode>X</ns3:GenderCode>
    </ns3:Gender>
    <ns3:Address>
        <ns3:ResidentialAddress>
            <ns3:CountryCode>150</ns3:CountryCode>
            <ns3:CountryName xml:lang="fr">Belgique</ns3:CountryName>
            <ns3:CountryName xml:lang="nl">België</ns3:CountryName>
            <ns3:CountryName xml:lang="de">Belgien</ns3:CountryName>
            <ns3:CityCode>XXXXX</ns3:CityCode>
            <ns3:CityName xml:lang="fr">XXXXXXXXXXXXXXXXXXXX</ns3:CityName>
            <ns3:PostalCode>XXXX</ns3:PostalCode>
            <ns3:StreetCode>XXXX</ns3:StreetCode>
            <ns3:StreetName xml:lang="fr">XXXXXXXXXXXXXXXXXXXX</ns3:StreetName
e>
            <ns3:HouseNumber>X</ns3:HouseNumber>
        </ns3:ResidentialAddress>
    </ns3:Address>
</ns3:PersonIdentification>
</ns5:PersonIdentifications>
</ns6:Result>
</ns6:SearchPersonPhoneticallyResponse>

```

10.2.3 Business error response

```

<ns5:SearchPersonPhoneticallyResponse Id="Id-
XXXXXXXX" InResponseTo="idRequest" IssueInstant="2020-02-27T15:01:48.685+01:00"
    xmlns:ns2="urn:be:fgov:health:commons:core:v2"
    xmlns:ns4="urn:be:fgov:health:rn:personservice:core:v1"
    xmlns:ns5="urn:be:fgov:health:rn:personservice:protocol:v1"
    xmlns:ns6="urn:be:fgov:health:rn:registries:commons:v1"
    xmlns:ns7="urn:be:fgov:health:rn:commons:business:v1"
    xmlns:ns8="urn:be:fgov:health:errors:soa:v1"
    xmlns:ns9="urn:be:fgov:health:errors:service:v1">
    <ns2:Status>
        <ns2:StatusCode Value="urn:be:fgov:health:2.0:status:Requester">
            <ns2:StatusCode Value="urn:be:fgov:health:2.0:status:DataNotFound"/>
        </ns2:StatusCode>
        <ns2:StatusMessage>Treatment successful, but no data found at the supplier</ns2:S
tatusMessage>
    </ns2:Status>

```



```
</ns5:SearchPersonPhoneticallyResponse>
```

10.2.4 Technical error response

```
<ns5:SearchPersonPhoneticallyResponse Id="Id-
XXXXXXXX" InResponseTo="idRequest" IssueInstant="2020-02-28T15:20:50.190+01:00"
  xmlns:ns2="urn:be:fgov:ehealth:commons:core:v2"
  xmlns:ns4="urn:be:fgov:ehealth:rn:cbsspersonservice:core:v1"
  xmlns:ns5="urn:be:fgov:ehealth:rn:cbsspersonservice:protocol:v1"
  xmlns:ns6="urn:be:fgov:ehealth:rn:registries:commons:v1"
  xmlns:ns7="urn:be:fgov:ehealth:rn:commons:business:v1"
  xmlns:ns8="urn:be:fgov:ehealth:errors:soa:v1"
  xmlns:ns9="urn:be:fgov:ehealth:errors:service:v1">
  <ns2:Status>
    <ns2:StatusCode Value="urn:be:fgov:ehealth:2.0:status:Responder"/>
    <ns2:StatusMessage>Received technical error from CBSS</ns2:StatusMessage>
    <ns2:StatusDetail>
      <ns7:Message>
        < ns7:Severity>FATAL</ns7:Severity>
      < ns7:ReasonCode>MSG00003</ns7:ReasonCode>
      < ns7:Diagnostic>Internal error</ns7:Diagnostic>
      < ns7:AuthorCode>http://www.ksz-bcss.fgov.be/</ns7:AuthorCode>
    </ns7:Message>
  </ns2:StatusDetail>
</ns2:Status>
</ns5:SearchPersonPhoneticallyResponse>
```


11. Testdata

In this section, you will find test data to verify the implementation of this service:

11.1 searchPersonBySsin

11.1.1 Scenario 1 – Person cancelled

<i>Description</i>	The user receives the current information about a person cancelled.
<i>Input</i>	56000308828
<i>Expected outputs</i>	<p>The service returned the current person identifier with the status: cancelled</p> <pre> <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"> <SOAP-ENV:Header/> <SOAP-ENV:Body> <ns3:SearchPersonBySsinResponse Id="Id-6f367c5f7c7bd4c2f8193c3c" InResponseTo="id1" IssueInstant="2020-10-06T11:18:41.194+02:00" xmlns:ns10="urn:be:fgov:ehhealth:errors:soa:v1" xmlns:ns11="urn:be:fgov:ehhealth:errors:service:v1" xmlns:ns2="urn:be:fgov:ehhealth:commons:core:v2" xmlns:ns3="urn:be:fgov:ehhealth:rn:personservice:protocol:v1" xmlns:ns4="urn:be:fgov:ehhealth:rn:personlegaldata:v1" xmlns:ns5="urn:be:fgov:ehhealth:rn:baselegaldata:v1" xmlns:ns6="urn:be:fgov:ehhealth:rn:registries:commons:v1" xmlns:ns7="urn:be:fgov:ehhealth:rn:personservice:core:v1" xmlns:ns8="urn:be:fgov:ehhealth:rn:commons:business:v1"> <ns2:Status> <ns2:StatusCode Value="urn:be:fgov:ehhealth:2.0:status:Requester"> <ns2:StatusCode Value="urn:be:fgov:ehhealth:2.0:status:DataNotFound"/> </ns2:StatusCode> <ns2:StatusMessage>The SSIN given in request is canceled</ns2:StatusMessage> </ns2:Status> <ns3:Ssin Canceled="true">56000308828</ns3:Ssin> </ns3:SearchPersonBySsinResponse> </SOAP-ENV:Body> </SOAP-ENV:Envelope> </pre>

11.1.2 Scenario 2 – Person replaced

<i>Description</i>	The user receives the current information about a person replaced.
<i>Input</i>	49242300517
<i>Expected outputs</i>	<p>The service returns the previous and the current person identifier with the information about the person</p> <ul style="list-style-type: none"> • Old SSIN: 49242300517 • New SSIN: 49442002236



```

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <ns3:SearchPersonBySsinResponse Id="Id-1c377c5f68179aecb222493a" InResponseTo="id1" IssueInstant="2020-10-06T11:21:33.903+02:00" xmlns:ns10="urn:be:fgov:health:errors:soa:v1" xmlns:ns11="urn:be:fgov:health:errors:service:v1" xmlns:ns2="urn:be:fgov:health:commons:core:v2" xmlns:ns3="urn:be:fgov:health:rn:personservice:protocol:v1" xmlns:ns4="urn:be:fgov:health:rn:personlegaldata:v1" xmlns:ns5="urn:be:fgov:health:rn:baselegaldata:v1" xmlns:ns6="urn:be:fgov:health:rn:registries:commons:v1" xmlns:ns7="urn:be:fgov:health:rn:personservice:core:v1" xmlns:ns8="urn:be:fgov:health:rn:commons:business:v1">
      <ns2:Status>
        <ns2:StatusCode Value="urn:be:fgov:health:2.0:status:Success"/>
      </ns2:Status>
      <ns3:Ssin Replaces="49242300517">49442002236</ns3:Ssin>
      <ns3:Result>
        <ns7:Person RegisterInceptionDate="2009-09-07">
          <ns4:Ssin>49442002236</ns4:Ssin>
          <ns4:Name>
            <ns5:LastName>POLJAC</ns5:LastName>
            <ns5:GivenName Sequence="1">MARIE</ns5:GivenName>
            <ns5:InceptionDate>1949-04-20</ns5:InceptionDate>
          </ns4:Name>
          <ns4:Nationalities>
            <ns5:Nationality>
              <ns5:NationalityCode>111</ns5:NationalityCode>
              <ns5:NationalityDescription xml:lang="fr">France</ns5:NationalityDescription>
              <ns5:NationalityDescription xml:lang="nl">Frankrijk</ns5:NationalityDescription>
              <ns5:NationalityDescription xml:lang="de">Frankreich</ns5:NationalityDescription>
              <ns5:InceptionDate>1949-04-20</ns5:InceptionDate>
            </ns5:Nationality>
          </ns4:Nationalities>
          <ns4:Birth>
            <ns5:BirthDate>1949-04-20</ns5:BirthDate>
            <ns5:BirthPlace>
              <ns5:CountryCode>146</ns5:CountryCode>
              <ns5:CountryName xml:lang="fr">Croatie</ns5:CountryName>
              <ns5:CountryName xml:lang="nl">Kroatië</ns5:CountryName>
              <ns5:CountryName xml:lang="de">Kroatien</ns5:CountryName>
              <ns5:CityName>RUPE</ns5:CityName>
            </ns5:BirthPlace>
          </ns4:Birth>
          <ns4:Gender>
            <ns5:GenderCode>F</ns5:GenderCode>
          </ns4:Gender>
        </ns7:Person>
      </ns3:Result>
    </ns3:SearchPersonBySsinResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```



	<pre> <ns5:InceptionDate>1949-04-20</ns5:InceptionDate> </ns4:Gender> <ns4:Address> <ns5:ResidentialAddress> <ns5:CountryCode>111</ns5:CountryCode> <ns5:CountryName xml:lang="fr">France</ns5:CountryName> <ns5:CountryName xml:lang="nl">Frankrijk</ns5:CountryName> <ns5:CountryName xml:lang="de">Frankreich</ns5:CountryName> <ns5:CityName>NICE</ns5:CityName> <ns5:PostalCode>06100</ns5:PostalCode> <ns5:StreetName>AVENUE DE GRIGNAN</ns5:StreetName> <ns5:HouseNumber>8</ns5:HouseNumber> <ns5:BoxNumber>BIS</ns5:BoxNumber> <ns5:InceptionDate>2012-04-24</ns5:InceptionDate> </ns5:ResidentialAddress> </ns4:Address> </ns7:Person> </ns3:Result> </ns3:SearchPersonBySsinResponse> </SOAP-ENV:Body> </SOAP-ENV:Envelope> </pre>
--	--

11.1.3 Scenario 3 – Person does not exist

<i>Description</i>	The user receives the current information about a person that does NOT exist in CBSS registry.
<i>Input</i>	81490230530
<i>Expected outputs</i>	<p>The service returns the current person identifier with the status : does NOT exist.</p> <pre> <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"> <SOAP-ENV:Header/> <SOAP-ENV:Body> <ns3:SearchPersonBySsinResponse Id="Id- c1377c5ff914756c25ca1913" InResponseTo="id1" IssueInstant="2020-10- 06T11:24:18.599+02:00" xmlns:ns10="urn:be:fgov:ehhealth:errors:soa:v1" xmlns:ns11="urn: be:fgov:ehhealth:errors:service:v1" xmlns:ns2="urn:be:fgov:ehhealth:commons:core:v2" xml ns:ns3="urn:be:fgov:ehhealth:rn:personservice:protocol:v1" xmlns:ns4="urn:be:fgov:eh heal th:rn:personlegaldata:v1" xmlns:ns5="urn:be:fgov:ehhealth:rn:baselegaldata:v1" xmlns:ns 6="urn:be:fgov:ehhealth:rn:registries:commons:v1" xmlns:ns7="urn:be:fgov:ehhealth:rn:per sonservice:core:v1" xmlns:ns8="urn:be:fgov:ehhealth:rn:commons:business:v1"> <ns2:Status> <ns2:StatusCode Value="urn:be:fgov:ehhealth:2.0:status:Requester"> <ns2:StatusCode Value="urn:be:fgov:ehhealth:2.0:status:DataNotFound"/> </ns2:StatusCode> <ns2:StatusMessage>The SSIN given in request does not exist</ns2:StatusMes sage> </ns2:Status> </ns3:SearchPersonBySsinResponse> </pre>



```

</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

11.1.4 Scenario 4 – Person with a residential address

<i>Description</i>	The user receives the current information about a person that does NOT exist in CBSS registry.
<i>Input</i>	75410233908
<i>Expected outputs</i>	<p>The service returns the current information the person with a residential address.</p> <pre> <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"> <SOAP-ENV:Header/> <SOAP-ENV:Body> <ns3:SearchPersonBySsinResponse Id="Id-04387c5fff130635a846d4e4" InResponseTo="id1" IssueInstant="2020-10-06T11:25:25.328+02:00" xmlns:ns10="urn:be:fgov:ehhealth:errors:soa:v1" xmlns:ns11="urn:be:fgov:ehhealth:errors:service:v1" xmlns:ns2="urn:be:fgov:ehhealth:commons:core:v2" xmlns:ns3="urn:be:fgov:ehhealth:rn:personservice:protocol:v1" xmlns:ns4="urn:be:fgov:ehhealth:rn:personlegaldata:v1" xmlns:ns5="urn:be:fgov:ehhealth:rn:baselegaldata:v1" xmlns:ns6="urn:be:fgov:ehhealth:rn:registries:commons:v1" xmlns:ns7="urn:be:fgov:ehhealth:rn:personservice:core:v1" xmlns:ns8="urn:be:fgov:ehhealth:rn:commons:business:v1"> <ns2:Status> <ns2:StatusCode Value="urn:be:fgov:ehhealth:2.0:status:Success"/> </ns2:Status> <ns3:Ssin>75410233908</ns3:Ssin> <ns3:Result> <ns7:Person RegisterInceptionDate="2020-09-29"> <ns4:Ssin>75410233908</ns4:Ssin> <ns4:Name> <ns5:LastName>Pluton</ns5:LastName> <ns5:GivenName Sequence="1">Marc</ns5:GivenName> <ns5:GivenName Sequence="2">Jean</ns5:GivenName> <ns5:GivenName Sequence="3">Christophe</ns5:GivenName> <ns5:InceptionDate>1975-01-01</ns5:InceptionDate> </ns4:Name> <ns4:Birth> <ns5:BirthDate>1975-00-00</ns5:BirthDate> <ns5:BirthPlace> <ns5:CountryCode>111</ns5:CountryCode> <ns5:CountryName xml:lang="fr">France</ns5:CountryName> <ns5:CountryName xml:lang="nl">Frankrijk</ns5:CountryName> <ns5:CountryName xml:lang="de">Frankreich</ns5:CountryName> <ns5:CityName>paris</ns5:CityName> </ns5:BirthPlace> </ns4:Birth> <ns4:Decease> <ns5:DeceaseDate>2020-03-08</ns5:DeceaseDate> <ns5:DeceasePlace> <ns5:CountryCode>150</ns5:CountryCode> </ns5:DeceasePlace> </ns4:Decease> </ns7:Person> </ns3:Result> </ns3:SearchPersonBySsinResponse> </SOAP-ENV:Body> </SOAP-ENV:Envelope> </pre>



```

        <ns5:CountryName xml:lang="fr">Belgique</ns5:CountryName>
        <ns5:CountryName xml:lang="nl">België</ns5:CountryName>
        <ns5:CountryName xml:lang="de">Belgien</ns5:CountryName>
        <ns5:CityCode>21004</ns5:CityCode>
        <ns5:CityName xml:lang="fr">Bruxelles</ns5:CityName>
        <ns5:CityName xml:lang="nl">Brussel</ns5:CityName>
    </ns5:DeceasePlace>
</ns4:Decease>
<ns4:Gender>
    <ns5:GenderCode>M</ns5:GenderCode>
    <ns5:InceptionDate>1975-01-01</ns5:InceptionDate>
</ns4:Gender>
<ns4:CivilStates>
    <ns5:CivilState>
        <ns5:CivilStateCode>20</ns5:CivilStateCode>
        <ns5:CivilStateDescription xml:lang="fr">Marié</ns5:CivilStateDes
cription>
        <ns5:CivilStateDescription xml:lang="nl">Gehuwd</ns5:CivilStateDe
scription>

        <ns5:Location>
            <ns5:CountryCode>111</ns5:CountryCode>
            <ns5:CountryName xml:lang="fr">France</ns5:CountryName>
            <ns5:CountryName xml:lang="nl">Frankrijk</ns5:CountryName>
            <ns5:CountryName xml:lang="de">Frankreich</ns5:CountryName>
            <ns5:CityName>Paris</ns5:CityName>
        </ns5:Location>
        <ns5:InceptionDate>1995-01-12</ns5:InceptionDate>
    </ns5:CivilState>
</ns4:CivilStates>
<ns4:Address>
    <ns5:ResidentialAddress>
        <ns5:CountryCode>111</ns5:CountryCode>
        <ns5:CountryName xml:lang="fr">France</ns5:CountryName>
        <ns5:CountryName xml:lang="nl">Frankrijk</ns5:CountryName>
        <ns5:CountryName xml:lang="de">Frankreich</ns5:CountryName>
        <ns5:CityName>paris</ns5:CityName>
        <ns5:PostalCode>12345</ns5:PostalCode>
        <ns5:StreetName>rue des déportés</ns5:StreetName>
        <ns5:HouseNumber>12</ns5:HouseNumber>
        <ns5:InceptionDate>2010-01-12</ns5:InceptionDate>
    </ns5:ResidentialAddress>
</ns4:Address>
</ns7:Person>
</ns3:Result>
</ns3:SearchPersonBySsinResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

11.1.5 Scenario 5 – Person with a contact address

<i>Description</i>	The user receives the current information about a person that does NOT exist in CBSS registry.
<i>Input</i>	70481606005
<i>Expected outputs</i>	<p>The service returns the current information the person with a contact address.</p> <pre> <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"> <SOAP-ENV:Header/> <SOAP-ENV:Body> <ns3:SearchPersonBySsinResponse Id="Id-6a387c5f7d19ce8ecc83f70" InResponseTo="id1" IssueInstant="2020-10-06T11:27:06.905+02:00" xmlns:ns10="urn:be:fgov:health:errors:soa:v1" xmlns:ns11="urn:be:fgov:health:errors:service:v1" xmlns:ns2="urn:be:fgov:health:commons:core:v2" xmlns:ns3="urn:be:fgov:health:rn:personservice:protocol:v1" xmlns:ns4="urn:be:fgov:health:rn:personlegaldata:v1" xmlns:ns5="urn:be:fgov:health:rn:baselegaldata:v1" xmlns:ns6="urn:be:fgov:health:rn:registries:commons:v1" xmlns:ns7="urn:be:fgov:health:rn:personservice:core:v1" xmlns:ns8="urn:be:fgov:health:rn:commons:business:v1"> <ns2:Status> <ns2:StatusCode Value="urn:be:fgov:health:2.0:status:Success"/> </ns2:Status> <ns3:Ssin>70481606005</ns3:Ssin> <ns3:Result> <ns7:Person RegisterInceptionDate="2020-09-29"> <ns4:Ssin>70481606005</ns4:Ssin> <ns4:Name> <ns5:LastName>Pluton</ns5:LastName> <ns5:GivenName Sequence="1">Rita</ns5:GivenName> <ns5:InceptionDate>1970-08-16</ns5:InceptionDate> </ns4:Name> <ns4:Nationalities> <ns5:Nationality> <ns5:NationalityCode>120</ns5:NationalityCode> <ns5:NationalityDescription xml:lang="fr">Monaco</ns5:NationalityDescription> <ns5:NationalityDescription xml:lang="nl">Monaco</ns5:NationalityDescription> <ns5:NationalityDescription xml:lang="de">Monaco</ns5:NationalityDescription> <ns5:InceptionDate>2012-05-23</ns5:InceptionDate> </ns5:Nationality> <ns5:Nationality> <ns5:NationalityCode>123</ns5:NationalityCode> <ns5:NationalityDescription xml:lang="fr">Portugal</ns5:NationalityDescription> <ns5:NationalityDescription xml:lang="nl">Portugal</ns5:NationalityDescription> </ns5:Nationality> </ns4:Nationalities> </ns7:Person> </ns3:Result> </ns3:SearchPersonBySsinResponse> </SOAP-ENV:Body> </SOAP-ENV:Envelope> </pre>



```

        <ns5:NationalityDescription xml:lang="de">Portugal</ns5:NationalityDescription>
        <ns5:InceptionDate>2000-01-01</ns5:InceptionDate>
    </ns5:Nationality>
    <ns5:Nationality>
        <ns5:NationalityCode>128</ns5:NationalityCode>
        <ns5:NationalityDescription xml:lang="fr">Italie</ns5:NationalityDescription>
        <ns5:NationalityDescription xml:lang="nl">Italië</ns5:NationalityDescription>
        <ns5:NationalityDescription xml:lang="de">Italien</ns5:NationalityDescription>
        <ns5:InceptionDate>1970-08-16</ns5:InceptionDate>
    </ns5:Nationality>
    <ns5:Nationality>
        <ns5:NationalityCode>150</ns5:NationalityCode>
        <ns5:NationalityDescription xml:lang="fr">Belgique</ns5:NationalityDescription>
        <ns5:NationalityDescription xml:lang="nl">België</ns5:NationalityDescription>
        <ns5:NationalityDescription xml:lang="de">Belgien</ns5:NationalityDescription>
        <ns5:InceptionDate>1970-08-16</ns5:InceptionDate>
    </ns5:Nationality>
</ns4:Nationalities>
<ns4:Birth>
    <ns5:BirthDate>1970-08-16</ns5:BirthDate>
    <ns5:BirthPlace>
        <ns5:CountryCode>150</ns5:CountryCode>
        <ns5:CountryName xml:lang="fr">Belgique</ns5:CountryName>
        <ns5:CountryName xml:lang="nl">België</ns5:CountryName>
        <ns5:CountryName xml:lang="de">Belgien</ns5:CountryName>
        <ns5:CityCode>21001</ns5:CityCode>
        <ns5:CityName xml:lang="fr">Anderlecht</ns5:CityName>
        <ns5:CityName xml:lang="nl">Anderlecht</ns5:CityName>
    </ns5:BirthPlace>
</ns4:Birth>
<ns4:Gender>
    <ns5:GenderCode>F</ns5:GenderCode>
    <ns5:InceptionDate>1970-08-16</ns5:InceptionDate>
</ns4:Gender>
<ns4:CivilStates>
    <ns5:CivilState>
        <ns5:CivilStateCode>20</ns5:CivilStateCode>
        <ns5:CivilStateDescription xml:lang="fr">Marié</ns5:CivilStateDescription>
    </ns5:CivilState>
</ns4:CivilStates>

```

```

<ns5:CivilStateDescription xml:lang="nl">Gehuwd</ns5:CivilStateDe
scription>

<ns5:Location>
  <ns5:CountryCode>150</ns5:CountryCode>
  <ns5:CountryName xml:lang="fr">Belgique</ns5:CountryName>
  <ns5:CountryName xml:lang="nl">België</ns5:CountryName>
  <ns5:CountryName xml:lang="de">Belgien</ns5:CountryName>
  <ns5:CityCode>11002</ns5:CityCode>
  <ns5:CityName xml:lang="nl">Antwerpen</ns5:CityName>
</ns5:Location>
  <ns5:InceptionDate>1995-12-07</ns5:InceptionDate>
</ns5:CivilState>
</ns4:CivilStates>
<ns4:ContactAddress>
  <ns5:CountryCode>150</ns5:CountryCode>
  <ns5:CountryName xml:lang="fr">Belgique</ns5:CountryName>
  <ns5:CountryName xml:lang="nl">België</ns5:CountryName>
  <ns5:CountryName xml:lang="de">Belgien</ns5:CountryName>
  <ns5:CityCode>11002</ns5:CityCode>
  <ns5:CityName xml:lang="nl">Antwerpen</ns5:CityName>
  <ns5:PostalCode>2660</ns5:PostalCode>
  <ns5:StreetCode>229</ns5:StreetCode>
  <ns5:StreetName xml:lang="nl">Hoofdfrontweg</ns5:StreetName>
  <ns5:HouseNumber>12</ns5:HouseNumber>
  <ns5:TypeCode>6</ns5:TypeCode>
  <ns5:TypeDescription xml:lang="fr">Amis/Famille</ns5:TypeDescription
>
  <ns5:TypeDescription xml:lang="nl">Vrienden/Familie</ns5:TypeDescrip
tion>
  <ns5:InceptionDate>2017-02-17</ns5:InceptionDate>
</ns4:ContactAddress>
</ns7:Person>
</ns3:Result>
</ns3:SearchPersonBySsinResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

11.1.6 Scenario 6 – Person with a contact address and a residential address

<i>Description</i>	The user receives the current information about a person that does NOT exist in CBSS registry.
<i>Input</i>	92440106511
<i>Expected outputs</i>	The service returns the current information the person with a contact address and a residential address.




```

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <ns3:SearchPersonBySsinResponse Id="Id-b1387c5f191a16b7af4d0d3f" InResponseTo="id1" IssueInstant="2020-10-06T11:28:17.850+02:00" xmlns:ns10="urn:be:fgov:health:errors:soa:v1" xmlns:ns11="urn:be:fgov:health:errors:service:v1" xmlns:ns2="urn:be:fgov:health:commons:core:v2" xmlns:ns3="urn:be:fgov:health:rn:personservice:protocol:v1" xmlns:ns4="urn:be:fgov:health:rn:personlegaldata:v1" xmlns:ns5="urn:be:fgov:health:rn:baselegaldata:v1" xmlns:ns6="urn:be:fgov:health:rn:registries:commons:v1" xmlns:ns7="urn:be:fgov:health:rn:personservice:core:v1" xmlns:ns8="urn:be:fgov:health:rn:commons:business:v1">
      <ns2:Status>
        <ns2:StatusCode Value="urn:be:fgov:health:2.0:status:Success"/>
      </ns2:Status>
      <ns3:Ssin>92440106511</ns3:Ssin>
      <ns3:Result>
        <ns7:Person RegisterInceptionDate="2020-09-29">
          <ns4:Ssin>92440106511</ns4:Ssin>
          <ns4:Name>
            <ns5:LastName>Pluton</ns5:LastName>
            <ns5:InceptionDate>1992-04-01</ns5:InceptionDate>
          </ns4:Name>
          <ns4:Nationalities>
            <ns5:Nationality>
              <ns5:NationalityCode>111</ns5:NationalityCode>
              <ns5:NationalityDescription xml:lang="fr">France</ns5:NationalityDescription>
              <ns5:NationalityDescription xml:lang="nl">Frankrijk</ns5:NationalityDescription>
              <ns5:NationalityDescription xml:lang="de">Frankreich</ns5:NationalityDescription>
              <ns5:InceptionDate>1992-04-16</ns5:InceptionDate>
            </ns5:Nationality>
          </ns4:Nationalities>
          <ns4:Birth>
            <ns5:BirthDate>1992-04-00</ns5:BirthDate>
            <ns5:BirthPlace>
              <ns5:CountryCode>499</ns5:CountryCode>
              <ns5:CountryName xml:lang="fr">Saint-Barthélemy (France)</ns5:CountryName>
            </ns5:BirthPlace>
          </ns4:Birth>
        </ns7:Person>
      </ns3:Result>
    </ns3:SearchPersonBySsinResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```



```

        <ns5:CountryName xml:lang="nl">Saint-
Barthélemy (Frankrijk)</ns5:CountryName>
        <ns5:CountryName xml:lang="de">Saint-
Barthélemy (Frankreich)</ns5:CountryName>
        <ns5:CityName>saint bart</ns5:CityName>
    </ns5:BirthPlace>
</ns4:Birth>
<ns4:Gender>
    <ns5:GenderCode>M</ns5:GenderCode>
    <ns5:InceptionDate>1992-04-01</ns5:InceptionDate>
</ns4:Gender>
<ns4:CivilStates>
    <ns5:CivilState>
        <ns5:CivilStateCode>41</ns5:CivilStateCode>
        <ns5:CivilStateDescription xml:lang="fr">Divorce prononcé en appl
ication de la loi du 30/06/1994</ns5:CivilStateDescription>
        <ns5:CivilStateDescription xml:lang="nl">Echtscheiding uitgesprok
en met toepassing van de wet van 30/06/1994</ns5:CivilStateDescription>
        <ns5:Location>
            <ns5:CountryCode>499</ns5:CountryCode>
            <ns5:CountryName xml:lang="fr">Saint-
Barthélemy (France)</ns5:CountryName>
            <ns5:CountryName xml:lang="nl">Saint-
Barthélemy (Frankrijk)</ns5:CountryName>
            <ns5:CountryName xml:lang="de">Saint-
Barthélemy (Frankreich)</ns5:CountryName>
        </ns5:Location>
        <ns5:InceptionDate>2019-11-15</ns5:InceptionDate>
    </ns5:CivilState>
</ns4:CivilStates>
<ns4:Address>
    <ns5:ResidentialAddress>
        <ns5:CountryCode>499</ns5:CountryCode>
        <ns5:CountryName xml:lang="fr">Saint-
Barthélemy (France)</ns5:CountryName>
        <ns5:CountryName xml:lang="nl">Saint-
Barthélemy (Frankrijk)</ns5:CountryName>
        <ns5:CountryName xml:lang="de">Saint-
Barthélemy (Frankreich)</ns5:CountryName>
        <ns5:InceptionDate>2019-10-11</ns5:InceptionDate>
    </ns5:ResidentialAddress>

```



	<pre> </ns4:Address> <ns4:ContactAddress> <ns5:CountryCode>150</ns5:CountryCode> <ns5:CountryName xml:lang="fr">Belgique</ns5:CountryName> <ns5:CountryName xml:lang="nl">België</ns5:CountryName> <ns5:CountryName xml:lang="de">Belgien</ns5:CountryName> <ns5:CityCode>52011</ns5:CityCode> <ns5:CityName xml:lang="fr">Charleroi</ns5:CityName> <ns5:PostalCode>6000</ns5:PostalCode> <ns5:StreetCode>529</ns5:StreetCode> <ns5:StreetName xml:lang="fr">Petite Rue</ns5:StreetName> <ns5:HouseNumber>6</ns5:HouseNumber> <ns5:TypeCode>1</ns5:TypeCode> <ns5:TypeDescription xml:lang="fr">Séjour temporaire</ns5:TypeDescription> <ns5:TypeDescription xml:lang="nl">Tijdelijk verblijf</ns5:TypeDescription> <ns5:InceptionDate>2020-01-01</ns5:InceptionDate> </ns4:ContactAddress> </ns7:Person> </ns3:Result> </ns3:SearchPersonBySsinResponse> </SOAP-ENV:Body> </SOAP-ENV:Envelope> </pre>
--	--

11.1.7 Scenario 7 – Person with an invalid identifier

<i>Description</i>	The user receives the current information about a person with an invalid identifier.
<i>Input</i>	56000308818
<i>Expected outputs</i>	<p>The service returns a business error because the individual identifier is invalid.</p> <pre> <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"> <SOAP-ENV:Header/> <SOAP-ENV:Body> <ns3:SearchPersonBySsinResponse Id="Id-05397c5faa158ec603d79b20" InResponseTo="id1" IssueInstant="2020-10-06T11:29:41.602+02:00" xmlns:ns10="urn:be:fgov:health:errors:soa:v1" xmlns:ns11="urn:be:fgov:health:errors:service:v1" xmlns:ns2="urn:be:fgov:health:commons:core:v2" xmlns:ns3="urn:be:fgov:health:rn:personservice:protocol:v1" xmlns:ns4="urn:be:fgov:health:rn:personlegaldata:v1" xmlns:ns5="urn:be:fgov:health:rn:baselegaldata:v1" xmlns:ns6="urn:be:fgov:health:rn:registries:commons:v1" xmlns:ns7="urn:be:fgov:health:rn:personservice:core:v1" xmlns:ns8="urn:be:fgov:health:rn:commons:business:v1"> <ns2:Status> <ns2:StatusCode Value="urn:be:fgov:health:2.0:status:Requester"> </pre>



```

        <ns2:StatusCode Value="urn:be:fgov:ehhealth:2.0:status:InvalidInput"/>
        </ns2:StatusCode>
        <ns2:StatusMessage>The Ssin is malformed</ns2:StatusMessage>
    </ns2:Status>
    </ns3:SearchPersonBySsinResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

11.2 searchPersonPhonetically

11.2.1 Scenario 1 – Search information about a person with first name, last name, birthdate

<i>Description</i>	The user searches the information about a person.
<i>Input</i>	<ul style="list-style-type: none"> • LastName: Pluton • FirstName: Rita • GivenNameMatching : ALL_GIVENNAME • BirthDate: 1970-08-16
<i>Expected outputs</i>	The service returns the information about the person found.

11.2.2 Scenario 2 – Search information about a person without first name

<i>Description</i>	The user searches the information about a person but without first name.
<i>Input</i>	<ul style="list-style-type: none"> • LastName: Pluton • FirstName: / • GivenNameMatching : ALL_GIVENNAME • BirthDate: 1970-08-16
<i>Expected outputs</i>	The service returns the information about the person found.

11.2.3 Scenario 3 – Search information about a person where last name is incorrect

<i>Description</i>	The user search the information about a person but the last name is correct
<i>Input</i>	<ul style="list-style-type: none"> • LastName: Mars • FirstName: Rita • GivenNameMatching : ALL_GIVENNAME • BirthDate: 1970-08-16
<i>Expected outputs</i>	The service returns a business error because there is no result found following input criteria.

11.2.4 Scenario 4 – Search information about a person where an invalid algorithm is specified

<i>Description</i>	The user searches the information about a person where the algorithm specified is incorrect
--------------------	---



<p><i>Input</i></p>	<ul style="list-style-type: none"> • LastName: Pluton • FirstName: Rita • GivenNameMatching : ALL • BirthDate: 1970-08-16
<p><i>Expected outputs</i></p>	<p>The service returns a business error because there the algorithm does not exist</p> <pre data-bbox="331 454 1471 1137"> <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"> <SOAP-ENV:Header/> <SOAP-ENV:Body> <ns6:SearchPersonPhoneticallyResponse Id="Id-075a7c5fa8563828fcd2cf89" InResponseTo="id1" IssueInstant="2020-10-06T13:50:33.263+02:00" xmlns:ns10="urn:be:fgov:ehealth:errors:service:v1" xmlns:ns2="urn:be:fgov:ehealth:commons:core:v2" xmlns:ns3="urn:be:fgov:ehealth:rn:baselegaldata:v1" xmlns:ns4="urn:be:fgov:ehealth:rn:registries:commons:v1" xmlns:ns5="urn:be:fgov:ehealth:rn:personservice:core:v1" xmlns:ns6="urn:be:fgov:ehealth:rn:personservice:protocol:v1" xmlns:ns7="urn:be:fgov:ehealth:rn:commons:business:v1" xmlns:ns9="urn:be:fgov:ehealth:errors:soa:v1"> <ns2:Status> <ns2:StatusCode Value="urn:be:fgov:ehealth:2.0:status:Requester"> <ns2:StatusCode Value="urn:be:fgov:ehealth:2.0:status:RequestDenied"/> </ns2:StatusCode> <ns2:StatusMessage>Algorithm for given name doesn't exists</ns2:StatusMessage> </ns2:Status> </ns6:SearchPersonPhoneticallyResponse> </SOAP-ENV:Body> </SOAP-ENV:Envelope> </pre>