

XML Schema Data Item Catalogue

HSCOrgRefData

Schema Version: v2-0-0

DIC Version: v1.20



Information and technology
for better health and care

Date/Time Generated:

28/03/2024

Author:

lare2

Copyright ©2022 Health and Social Care Information Centre. The Health and Social Care Information Centre is a non-departmental body created by statute, also known as NHS Digital.

CREATED WITH



Table of Contents

Purpose of Document.....	3
HSCOrgRefData Diagram	4
Data Definitions	5
XML Structural Elements	6
1. OrgRefData.....	6
2. OrgType.....	6
3. OrgManifestType.....	6
4. PrimaryRoleScopeType	8
5. PrimaryRoleType	8
6. CodeSystemsType.....	9
7. CodeSystemType	9
8. ConceptType.....	10
9. OrgOrganisationsType	10
10. OrgOrganisationType.....	11
11. GeoLocType.....	13
12. LocationStringsType.....	14
13. OrgContactsType	15
14. OrgContactType.....	15
15. OrgRolesType	16
16. OrgRoleType.....	16
17. OrgRelsType	17
18. OrgRelType.....	17
19. TargetType	18
20. TargetRoleIDType	19
21. OrgSuccsType	19

22. OrgSuccType	20
23. OrgAdditionalAttributesType.....	21
Data Types	22
24. ANY	22
25. ValDateType.....	22
26. ValTimestampType.....	22
27. DateIVLValueType	22
28. II.....	23
29. AddAttrType.....	24
30. ValMaxStrLen12	24
31. ValMaxStrLen15	25
32. ValMaxStrLen25	25
33. ValMaxStrLen50	26
34. ValMaxStrLen75	26
35. ValMaxStrLen100	26
36. ValMaxStrLen255	27
37. ValDeciNoFrac.....	27
38. oidStrLen50.....	27
39. maxStrLen12	27
40. maxStrLen15	28
41. maxStrLen25	28
42. maxStrLen50	28
43. maxStrLen75	28
44. maxStrLen100	28
45. maxStrLen255	28
46. deciNoFrac.....	28
APPENDIX 1 - XML Interface Glossary.....	30

Data Item Catalogue for the HSCOrgRefData

Purpose of Document

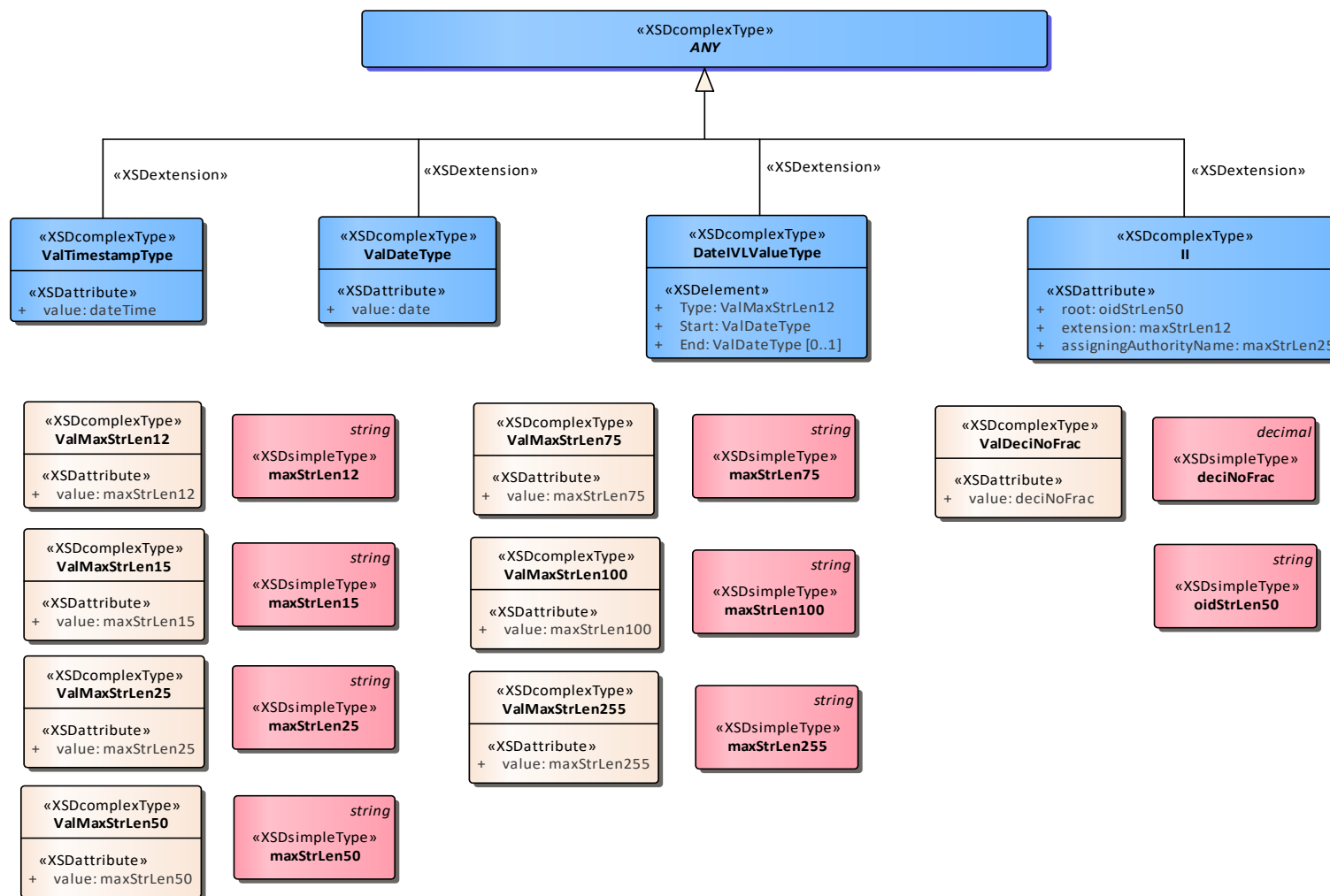
This document collates granular technical information regarding the Organisation Reference Data XML Interface. Each Class, Element, Attribute and Data Type included within the XML schema is defined below, including a detailed description of the item, a definition of its use and any restrictions on its structure.

A full suite of supporting materials for the XML Organisation Reference Data Products is available on the XML Organisation Data Products web pages at <https://digital.nhs.uk/Organisation-data-service/XML-Organisation-Data-Products>

The above web page includes a navigable Object Model which provides an interactive, high level view of the XML Schema.

[illegible]

ODS XML Data Types



Data Definitions

XML Structural Elements

1. [OrgRefData](#)

Stereotype:	«XSDtopLevelElement»	Derivation (for SimpleTypes only):
XML Annotation:	This is the root element of the XML document.	
Data Item Definition:	The top level container for the XML model - contains all Organisation and Organisation Site data.	

2. [OrgType](#)

Stereotype:	«XSDcomplexType»	Derivation (for SimpleTypes only):
XML Annotation:	Container for the Manifest, CodeSystems and Payload.	
Data Item Definition:	The Org Type element defines the main structure of the XML document.	

Data Containers:

Container Name	Container Cardinality	Data Item Catalogue Definition
Manifest	1..1	The Manifest occurs once and allows the inclusion of additional contextual information within the XML products themselves.
CodeSystems	1..1	Occurs once. Uses the XSD ID/IDREF approach whereby IDs (which point to Code System entries at the top of the XML file) are used to represent a number of elements such as Record Classes, Roles and Relationships.
Organisations	1..1	Contains all HSCOrg and HSCSite information included within any given XML release file.

3. [OrgManifestType](#)

Stereotype:	«XSDcomplexType»	Derivation (for SimpleTypes only):
XML Annotation:	Manifest – occurs once at the top of the file and describes the content.	
Data Item Definition:	Contains information that applies to the content of the XML file.	

Data Containers:

Container Name	Container Cardinality	Data Item Catalogue Definition
PrimaryRoleScope	1..1	Multi-valued; provides a list of Primary Roles for the records included within this file.

--	--	--

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDelement»	Version	ValMaxStrLen12	12	[1..1]	false		Version of the XML Schema that the file conforms to.
«XSDelement»	PublicationType	ValMaxStrLen12	12	[1..1]	false		What the file contains. Either: All records of that type (defined in PrimaryRoleScope) = a Full file. Amended/changed records only = a Partial file.
«XSDelement»	PublicationSource	ValMaxStrLen12	12	[1..1]	false		Source of the data - i.e. HSCIC.
«XSDelement»	PublicationDate	ValDateType	10	[1..1]	false		Date the file was published.
«XSDelement»	PublicationSeqNum	ValMaxStrLen25	25	[1..1]	false		Sequence number for given XML file. Incremented when an XML file is released for given product. Sequence no. is coupled with particular product & unique publication files can be determined by referring to multiple entries in each release file's manifest.
«XSDelement»	FileCreationDateTime	ValTimestampType	19	[1..1]	false		Time at which the data was created. May differ from the publication date.
«XSDelement»	FileExpiryDate	ValDateType	10	[0..1]	true		Optional field. May be used to indicate when consumers should plan to refresh data, based on publication frequencies.

«XSDelement»	RecordCount	ValDeciNoFrac	12	[1..1]	false		Number of records in the file.
«XSDelement»	ContentDescription	ValMaxStrLen100	100	[1..1]	false		A human readable description of what a given file contains - by default this is the same as the filename for a given release file.

4. [PrimaryRoleScopeType](#)

Stereotype: «XSDcomplexType» **Derivation (for SimpleTypes only):**
XML Annotation: List of Primary Roles for **subject** records in this file.
Data Item Definition: The collection of Role elements included here is defined by the scope of the **subject** records contained in each file.

Data Containers:

Container Name	Container Cardinality	Data Item Catalogue Definition
PrimaryRole	1..*	Contained within PrimaryRoleScope. Uses the same IDs as used in the OrganisationRole CodeSystem.

5. [PrimaryRoleType](#)

Stereotype: «XSDcomplexType» **Derivation (for SimpleTypes only):**
XML Annotation: An entry exists for each Role which is in scope for a given document.
Data Item Definition: Provides the Role Id display name for each Role within the scope of the file.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDattribute»	id	IDREF	15			required	The id used within the data to reference a given Primary Role.

«XSDattribute»	displayName	maxStrLen100	100			required	displayName of Primary Role.

6. [CodeSystemsType](#)

Stereotype: «XSDcomplexType» **Derivation (for SimpleTypes only):**
XML Annotation: CodeSystems defined here and referenced from subject records in the payload
Data Item Definition: A container to hold relevant CodeSystem definitions.

Data Containers:

Container Name	Container Cardinality	Data Item Catalogue Definition
CodeSystem	1..*	Contains all CodeSystem information referenced elsewhere in the XML. The Code System entries have the full expanded detail including any associated OIDs.

7. [CodeSystemType](#)

Stereotype: «XSDcomplexType» **Derivation (for SimpleTypes only):**
XML Annotation: Each CodeSystem collection has its own section.
Data Item Definition: Holds a Code System definition for a collection of objects with a common OID.

Data Containers:

Container Name	Container Cardinality	Data Item Catalogue Definition
concept	1..*	Multi-valued; provides a list of expanded details about the concepts referenced elsewhere in the XML.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDattribute»	name	maxStrLen50	50			required	Name of the grouping of concepts that are described within this container.
«XSDattribute»	oid	oidStrLen50	50			required	Object Identifier for the grouping of

						concepts that are described within this container.
--	--	--	--	--	--	--

8. [ConceptType](#)

Stereotype:	«XSDcomplexType»	Derivation (for SimpleTypes only):
XML Annotation:	Each entry is an instance of a particular CodeSystem.	
Data Item Definition:	The pattern used by SNOMED CT has been adopted, whereby each code is represented as a concept with an associated id, coded value and displayName.	

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDattribute»	id	ID	15			required	Identifier used to reference this CodeSystems concept elsewhere in the XML.
«XSDattribute»	code	maxStrLen12	12			required	Unique identifier for the concept.
«XSDattribute»	displayName	maxStrLen100	100			required	Descriptive name for the concept.

9. [OrgOrganisationsType](#)

Stereotype:	«XSDcomplexType»	Derivation (for SimpleTypes only):
XML Annotation:	Container for Organisation records in the payload	
Data Item Definition:	Contains all HSCOrg and HSCSite information included within any given XML release file.	

Data Containers:

Container Name	Container Cardinality	Data Item Catalogue Definition
Organisation	1..*	The core component of the Health and Social Care Organisation Reference Data model for both HSCOrg and

		HSCSite record classes. All the other components of the model for these classes stem from the Organisation component.
--	--	---

10. OrgOrganisationType

Stereotype:	«XSDcomplexType»	Derivation (for SimpleTypes only):
XML Annotation:	An entry for each Organisation entity in the payload.	
Data Item Definition:	Contains all of the components making up each Organisation entity.	

Data Containers:

Container Name	Container Cardinality	Data Item Catalogue Definition
GeoLoc	1	Geographic Location. The data items within the GeoLoc contain the geographic location information for the entity.
Contacts	0..1	Contains a range of different contact information relating to an HSCOrg or HSCSite record. None of the contact items are mandatory. Where no Contacts exist an empty container element will be included.
Roles	1..1	Role meta-data describes what an Organisation is; i.e. what overall functions it serves. 'Roles' contains all Role allocation for a record.
Rels	0..1	All Relationships for an entity. Where no Relationships exist, an empty container element will be included.
Succs	0..1	The Succession component records lines of succession, i.e. where one or more new or existing entities displace or merge with one or more closed entities. If no succession information exists for a record, an empty container element will be included.
AdditionalAttributes	0..1	Container that may be populated with new and non-standard values without significant advance notice. Content explicitly & intentionally not be approved by SCCI - use with caution. See Technical Specification.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDelement»	Name	maxStrLen100	100	[1..1]	false		The name of the entity, wherever possible

							this will conform to any legally-defined value that exists. If this is not available the name will be provided by the Organisation the record identifies (or the owning org if the entity is of class HSCSite).
«XSDelement»	Date	DateIValue		[1..*]	false		Date within HSCOrg: lifespan of an entire Organisation record. Date within HSCSite: lifespan of an Organisation Site record. Dates with type 'Operational' provided for all records. Legal dates included only where dates differ to Operational.
«XSDelement»	OrgId	II		[1..1]	false		Uniquely identifies the organisation - never changed for lifetime of record, only closed and never deleted. Further details can be found in the Technical Specification. 'assigningAuthorityName' will be set to HSCIC by default.
«XSDelement»	OtherId	II		[0..*]	true		Separately maintained codes identifying the same record - required due to difference in business needs / business rules. Supplied to enable data matching. See Technical Specification for further details.
«XSDelement»	Status	ValMaxStrLen12	12	[1..1]	false		Identifies whether the record is 'Active' / 'Inactive'. All statuses are derived by the issuing authority based on start and end dates.
«XSDelement»	LastChangeDate	ValDateType	10	[1..1]	false		The date on which the record was last changed in any substantive way (XML Full File - see Technical Specification for further

							info). This date can be used by consumers to filter amended records only.
«XSDattribute»	refOnly	boolean	5			optional	"true" indicates that this record has been included for referential integrity purposes and is only present when the value = "true". Refer to the Technical Specification for more information. This attribute does not apply to the Role Constrained files.
«XSDattribute»	orgRecordClass	IDREF	15			required	Top level record classes - HSCOrg and HSCSite, exist as concepts within the current model. HSCLoc and HSCServ will be introduced at a point in the future. For full details see Technical Specification.

11. GeoLocType

Stereotype:

«XSDcomplexType»

Derivation (for SimpleTypes only):

XML Annotation:

Holds Location information for each Organisation entity, which can be a LocationStringsType element or a LocationId element.

Data Item Definition:

Holds a location address or LocationID for the subject record.

Data Containers:

Container Name	Container Cardinality	Data Item Catalogue Definition
Location	0..1	Holds elements describing entity's geographic location. Addresses are structured with items for address lines 1, 2 and 3, Town, County, Postcode and Country.

Elements and Attributes:

Stereotype	Element / Attribute	Data Type	Max	Cardinality	Nullable?	Use	Data Item Catalogue Definition
------------	---------------------	-----------	-----	-------------	-----------	-----	--------------------------------

	Name:		Length		(Elements)	(Attributes)	
«XSDelement»	LocationId	II	5	[0..1]	false		Holds attributes which identify the instance of the appropriate HSCLoc record. Not currently in scope.

12. LocationStringsType

Stereotype:

«XSDcomplexType»

Derivation (for SimpleTypes only):

XML Annotation:

This data type supports the representation location information in strings.

Data Item Definition:

Only Address Line 1 is mandatory. This is to cater for older closed records, for which address details are not known. For any such records the fixed value ****UNKNOWN**** will be populated in address line 1 and all other fields can be omitted.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDelement»	AddrLn1	maxStrLen75	75	[1..1]	false		First line of entity's postal address.
«XSDelement»	AddrLn2	maxStrLen75	75	[0..1]	true		Second line of entity's postal address.
«XSDelement»	AddrLn3	maxStrLen75	75	[0..1]	true		Third line of entity's postal address.
«XSDelement»	Town	maxStrLen75	75	[0..1]	true		Entity's postal Town.
«XSDelement»	County	maxStrLen75	75	[0..1]	true		Entity's postal County. Records created up to 25/01/19 will hold a County value. New records, or amendments made to existing records after 25/01/19 will not contain a County value if that duplicates the Town value.

«XSDelement»	PostCode	maxStrLen15	15	[0..1]	true		Entity's postcode.
«XSDelement»	Country	maxStrLen50	50	[0..1]	true		Postal address element specifying the Country.
«XSDelement»	UPRN	deciNoFrac	12	[0..1]	true		Unique Property Reference Number. Uniquely identifies the entity's location. Integer up to 12 chars in length. See Technical Specification for further information.

13. [OrgContactsType](#)

Stereotype:	«XSDcomplexType»	Derivation (for SimpleTypes only):
XML Annotation:	All contacts for a given entity are held here.	
Data Item Definition:	Container for holding details of contacts for a given subject record.	

Data Containers:

Container Name	Container Cardinality	Data Item Catalogue Definition
Contact	1..*	Contains contact information for the record.

14. [OrgContactType](#)

Stereotype:	«XSDcomplexType»	Derivation (for SimpleTypes only):
XML Annotation:	This data type supports the representation of a contact.	
Data Item Definition:	Contains contact information for the entity.	

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDatatribute»	type	maxStrLen12	12			required	The type/method of contact. One of: tel /

							fax / mailto / http.
«XSDattribute»	value	maxStrLen255	255			required	Outputs the contact information held, e.g. doctors@highstreetgppractice.nhs.uk

15. [OrgRolesType](#)

Stereotype:	«XSDcomplexType»	Derivation (for SimpleTypes only):
XML Annotation:	All Roles assigned to an entity are held here.	
Data Item Definition:	Every instance of HSCOrg & HSCSite records within Health & Social Care Organisation Reference data must have at least one Role. One (& only one) role per record MUST be classified as Primary Role.	

Data Containers:

Container Name	Container Cardinality	Data Item Catalogue Definition
Role	1..*	Identifies a Role assigned to the subject record.

16. [OrgRoleType](#)

Stereotype:	«XSDcomplexType»	Derivation (for SimpleTypes only):
XML Annotation:	Role records held here and one must represent the entity's Primary Role.	
Data Item Definition:	In addition to mandatory Primary Role, further non-Primary Roles may be assigned to an Org to provide further info about functions or remit which do not merit a Primary Role in its own right. Non-Primary Roles are optional & unrestricted in number.	

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDelement»	Date	DateIVLValueType		[1..*]	false		Start and End Dates are provided indicating the span of time within which a Role has been applied to the subject record.
«XSDattribute»	id	IDREF	15			required	References the CodeSystems element, where the Role's unique identifier and display name are provided.

«XSDattribute»	uniqueRoleId	deciNoFrac	12			optional	The pairing of every Role to the entity in question has a unique identifier that will not change for its lifetime.
«XSDelement»	Status	ValMaxStrLen12	12	[1..1]	false		A Status is provided for each Role which indicates whether the Role is currently active against the subject record or not (Active / Inactive).
«XSDattribute»	primaryRole	boolean	5	[0..1]		optional	1 (and only 1) Role per Org MUST be classified as a Primary Role. Describes fundamental nature of entity and its overarching remit (GP Practice, NHS Trust, etc). Indicator "true" marks role as Primary, data item is absent if non-Primary.

17. [OrgRelsType](#)

Stereotype:	«XSDcomplexType»	Derivation (for SimpleTypes only):
XML Annotation:	All relations for given entity are held here (optional) but if the container is present, one or more Relationship entries must be present.	
Data Item Definition:	Container for holding details of entities related to a given subject record.	

Data Containers:

Container Name	Container Cardinality	Data Item Catalogue Definition
Rel	1..*	Identifies one of the Relationships assigned to the subject record.

18. [OrgRelType](#)

Stereotype:	«XSDcomplexType»	Derivation (for SimpleTypes only):
XML Annotation:	Any relationships for an entity are listed here including information about the target entity.	
Data Item Definition:	Represents an individual relationship for the subject record.	

Data Containers:

Container Name	Container Cardinality	Data Item Catalogue Definition
Target	1..1	Identifies the target entity of the Relationship.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDelement»	Date	DateIValue		[1..*]	false		Start and End Dates are provided indicating the span of time over which a Relationship has existed.
«XSDelement»	Status	ValMaxStrLen12	12	[1..1]	false		A Status is provided for each Relationship which indicates whether the Relationship is currently active or not (Active / Inactive).
«XSDattribute»	id	IDREF	15			required	References the CodeSystems element, where the Relationship's unique identifier and display name are provided.
«XSDattribute»	uniqueRelId	deciNoFrac	12			optional	Unique identifier for the Relationship Name and the subject and target records this relationship is being applied to.
«XSDattribute»	derived	boolean	5			optional	Derived relationships use meta data within the system to the target based on a pre-defined set of rules. The attribute is only present when set to "true".

19. [TargetType](#)

Stereotype:

«XSDcomplexType»

Derivation (for SimpleTypes only):

XML Annotation:

Contains information about the target entity for a given relationship.

Data Item Definition:

Relationships are conveyed by holding information on the target entity within the record for the subject. This information includes

the target entity's identifier, assigning authority and primary role.

Data Containers:

Container Name	Container Cardinality	Data Item Catalogue Definition
PrimaryRoleId	1..1	Identifies the Primary Role assigned to the Target entity.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDelement»	OrgId	II		[1..1]	false		Unique identifier and related information for the target record of the Relationship.

20. [TargetRoleIDType](#)

Stereotype:

«XSDcomplexType»

Derivation (for SimpleTypes only):

XML Annotation:

The Primary Role of a target entity. These may not conform to the list defined in Primary Role Scope as that scope is for subject entities. All entries will comply with those listed in the OrganisationRole CodeSystemsType).

Data Item Definition:

Contains information relating to the Primary Role of the target entity (referenced from Relationship and Succession elements).

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDattribute»	id	IDREF	15			required	References the CodeSystems element, where unique identifier and display name for the Target entity's Primary Role are provided.
«XSDattribute»	uniqueRoleId	deciNoFrac	12			optional	Unique identifier for the pairing of the Primary Role to the Target entity.

21. [OrgSuccsType](#)

Stereotype:

«XSDcomplexType»

Derivation (for SimpleTypes only):

XML Annotation:

Contains any predecessor and successor organisations.

Data Item Definition:

Container for holding details of successions for a given subject record.

Data Containers:

Container Name	Container Cardinality	Data Item Catalogue Definition
Succ	1..*	Identified a Succession for the entity. Multiple succession elements can be provided, for as many direct predecessors and/or successors as the entity has.

22. OrgSuccType

Stereotype:	«XSDcomplexType»	Derivation (for SimpleTypes only):
XML Annotation:	Represents an individual succession for the subject record.	
Data Item Definition:	Succession dates are restricted in that only legal dates are applied (not Operational) and only Start dates are used (succession links are never closed so end dates are never applied).	

Data Containers:

Container Name	Container Cardinality	Data Item Catalogue Definition
Target	1..1	Identifies the Predecessor or Successor entity.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDelement»	Date	DateIValue		[1..1]	false		Start: The start date indicates the point at which the Succession took effect. End: Not used as succession links are never closed. Date Type: Only LEGAL dates are applied to Succession.
«XSDatatribute»	uniqueSuccId	deciNoFrac	12			required	Unique identifier for the Succession between the subject and the target record.
«XSDelement»	Type	maxStrLen12	12	[1..1]	false		Identifies the type of each target entity i.e. whether it is a Predecessor to the subject, or a Successor.

«XSDattribute»	forwardSuccession	boolean	5			optional	Indicates whether the target entity holds information on any further succession, or not.
----------------	-------------------	---------	---	--	--	----------	--

23. [OrgAdditionalAttributesType](#)

Stereotype: «XSDcomplexType» **Derivation (for SimpleTypes only):**
XML Annotation: Additional Attributes linked to a given entity (currently not in scope)
Data Item Definition: Container for holding details of additional attributes for a given subject record.

Data Containers:

Container Name	Container Cardinality	Data Item Catalogue Definition
AdditionalAttribute	1..*	Provides values for an additional attribute key-value entry.

Data Types

24. [ANY](#)

Stereotype: «XSDcomplexType» **Derivation (for SimpleTypes only):**
XML Annotation: This data type represents an abstract type from which more specific data types are derived.
Data Item Definition: Inherited from W3C XML built-in complex anyType definition.

25. [ValDateType](#)

Stereotype: «XSDcomplexType» **Derivation (for SimpleTypes only):**
XML Annotation: This data type supports the representation of a date.
Data Item Definition: Inherited from W3C built-in primitive types.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDattribute»	value	date	10			optional	xs:date format YYYY-MM-DD

26. [ValTimestampType](#)

Stereotype: «XSDcomplexType» **Derivation (for SimpleTypes only):**
XML Annotation: This data type supports the representation of a timeStamp.
Data Item Definition: Inherited from W3C built-in primitive types. Used to record the date and time of file creation within the OrgManifestType.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDattribute»	value	dateTime	19			optional	xs:datetime format YYYY/MM/DDThh:mm:ss

27. [DateIVLValueType](#)

Stereotype: «XSDcomplexType» **Derivation (for SimpleTypes only):**

XML Annotation: This is the custom date type to represent start and end dates for various components of the organisation record.

Data Item Definition: The type represents an interval between two dates. Data items include start and (optional) end dates and information on whether the dates are legal/authoritative or supplied to support operational system requirements.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDelement»	Type	ValMaxStrLen12	12	[1..1]	False		Current options are "Legal" or "Operational". Legal dates are authoritative and often defined by legislation. Operational dates exist in parallel to Legal dates and reflect the operational need of systems and services. See Technical Specification.
«XSDelement»	Start	ValDateType	10	[1..1]	False		Start date in xs:date format (yyyy-mm-dd). A mandatory element.
«XSDelement»	End	ValDateType	10	[0..1]	True		End date in xs:date format (yyyy-mm-dd). An optional element - (i.e. not used for entities that have not yet closed). End dates are not populated for succession.

28. II

Stereotype: «XSDcomplexType» **Derivation (for SimpleTypes only):** extension

XML Annotation: This data type supports the representation of an instance identifier.

Data Item Definition: All records have a unique identifier which is never changed for the lifetime of the record. II ties together the assigning authority, the OID to which this directly relates & the Identifier which is used for a given record. See Technical Specification.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
------------	---------------------------	-----------	------------	-------------	----------------------	------------------	--------------------------------

«XSDattribute»	root	oidStrLen50	50			required	OID pertaining to the issuing authority.
«XSDattribute»	extension	maxStrLen12	12			required	Primary Identifier for the subject record.
«XSDattribute»	assigningAuthorityName	maxStrLen25	25			required	Assigning Authority identifies where the information is maintained and has been sourced from. Default is "HSCIC".

29. [AddAttrType](#)

Stereotype: «XSDcomplexType» **Derivation (for SimpleTypes only):**
XML Annotation: Container for Additional Attribute records (currently out of scope)
Data Item Definition: Holds key, value and an optional date for an additional attribute relating to the subject entity.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDelement»	Key	maxStrLen50	50	[1..1]	false		Name/label which describes the nature or purpose for the attribute.
«XSDelement»	Value	maxStrLen255	255	[1..1]	false		The value of the attribute.
«XSDelement»	AttributeDate	ValDateType	10	[0..1]	true		Date associated with this entry (optional). Note: AttributeDate does not have the same behaviour as other Dates used throughout the XML – it is an arbitrary date applied to the entry & context will be provided alongside the introduction of the attribute.

30. [ValMaxStrLen12](#)

Stereotype: «XSDcomplexType» **Derivation (for SimpleTypes only):**
XML Annotation: Value attribute to hold strings up to 12 characters in length.

Data Item Definition: Value attribute to hold strings up to 12 characters in length.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDattribute»	value	maxStrLen12	12				

31. [ValMaxStrLen15](#)

Stereotype: «XSDcomplexType» **Derivation (for SimpleTypes only):**
XML Annotation: Value attribute to hold strings up to 15 characters in length.
Data Item Definition: Value attribute to hold strings up to 15 characters in length.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDattribute»	value	maxStrLen15	15				

32. [ValMaxStrLen25](#)

Stereotype: «XSDcomplexType» **Derivation (for SimpleTypes only):**
XML Annotation: Value attribute to hold strings up to 25 characters in length.
Data Item Definition: Value attribute to hold strings up to 25 characters in length.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDattribute»	value	maxStrLen25	25				

33. [ValMaxStrLen50](#)

Stereotype: «XSDcomplexType» **Derivation (for SimpleTypes only):**
XML Annotation: Value attribute to hold strings up to 50 characters in length.
Data Item Definition: Value attribute to hold strings up to 50 characters in length.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDattribute»	value	maxStrLen50	50				

34. [ValMaxStrLen75](#)

Stereotype: «XSDcomplexType» **Derivation (for SimpleTypes only):**
XML Annotation: Value attribute to hold strings up to 75 characters in length.
Data Item Definition: Value attribute to hold strings up to 75 characters in length.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDattribute»	value	maxStrLen75	75				

35. [ValMaxStrLen100](#)

Stereotype: «XSDcomplexType» **Derivation (for SimpleTypes only):**
XML Annotation: Value attribute to hold strings up to 100 characters in length.
Data Item Definition: Value attribute to hold strings up to 100 characters in length.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDattribute»	value	maxStrLen100	100				

36. [ValMaxStrLen255](#)

Stereotype: «XSDcomplexType» **Derivation (for SimpleTypes only):**
XML Annotation: Value attribute to hold strings up to 255 characters in length.
Data Item Definition: Value attribute to hold strings up to 255 characters in length.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDattribute»	value	maxStrLen255	255				

37. [ValDeciNoFrac](#)

Stereotype: «XSDcomplexType» **Derivation (for SimpleTypes only):**
XML Annotation: Value attribute to hold whole numbers up to 12 digits.
Data Item Definition: Value attribute to hold whole numbers up to 12 digits.

Elements and Attributes:

Stereotype	Element / Attribute Name:	Data Type	Max Length	Cardinality	Nullable? (Elements)	Use (Attributes)	Data Item Catalogue Definition
«XSDattribute»	value	deciNoFrac	12			required	

38. [oidStrLen50](#)

Stereotype: «XSDsimpleType» **Derivation (for SimpleTypes only):** restriction
XML Annotation: This data type supports the representation of an object identifier.
Data Item Definition: OIDs (Object Identifiers) are the conventional labelling form for information types. OIDs have been created to represent metadata used within the XML (Roles, Relationships and Record Classes). See Technical Specification for further information.

39. [maxStrLen12](#)

Stereotype: «XSDsimpleType» **Derivation (for SimpleTypes only):** restriction
XML Annotation: Defines a value as a string with a maximum length of 12.

Data Item Definition: Defines a value as a string with a maximum length of 12.

40. [maxStrLen15](#)

Stereotype:	«XSDsimpleType»	Derivation (for SimpleTypes only): restriction
XML Annotation:	Defines a value as a string with a maximum length of 15.	
Data Item Definition:	Defines a value as a string with a maximum length of 15.	

41. [maxStrLen25](#)

Stereotype:	«XSDsimpleType»	Derivation (for SimpleTypes only): restriction
XML Annotation:	Defines a value as a string with a maximum length of 25.	
Data Item Definition:	Defines a value as a string with a maximum length of 25.	

42. [maxStrLen50](#)

Stereotype:	«XSDsimpleType»	Derivation (for SimpleTypes only): restriction
XML Annotation:	Defines a value as a string with a maximum length of 50.	
Data Item Definition:	Defines a value as a string with a maximum length of 50.	

43. [maxStrLen75](#)

Stereotype:	«XSDsimpleType»	Derivation (for SimpleTypes only): restriction
XML Annotation:	Defines a value as a string with a maximum length of 75.	
Data Item Definition:	Defines a value as a string with a maximum length of 75.	

44. [maxStrLen100](#)

Stereotype:	«XSDsimpleType»	Derivation (for SimpleTypes only): restriction
XML Annotation:	Defines a value as a string with a maximum length of 100.	
Data Item Definition:	Defines a value as a string with a maximum length of 100.	

45. [maxStrLen255](#)

Stereotype:	«XSDsimpleType»	Derivation (for SimpleTypes only): restriction
XML Annotation:	Defines a value as a string with a maximum length of 255.	
Data Item Definition:	Defines a value as a string with a maximum length of 255.	

46. [deciNoFrac](#)

Stereotype:	«XSDsimpleType»	Derivation (for SimpleTypes only): restriction
XML Annotation:	Defines a value as a decimal, where the maximum number of digits permitted is less than or equal to 12, and limits the value to a whole number only (no decimal places).	
Data Item Definition:	Defines a value as a decimal, where the maximum number of digits permitted is less than or equal to 12, and limits the value to a whole number only (no decimal places).	

APPENDIX 1 - XML Interface Glossary

- [Named Relationships](#)
- [Roles – Primary](#)
- [Roles – Non Primary](#)
- [Schema Definitions](#)

Named Relationships

ID	Meaning	Example Relationship				
		Role ID	Role Name	Named Relationship	Role ID	Role Name
RE1	Named Relationship: HAS A LEGACY RELATIONSHIP TO Short Description: Historic data. Definition: A relationship existing in the data for which the original context is unknown.					
RE2	Named Relationship: IS A SUB-DIVISION OF Short Description: Department/Programme-to-Organisation/Site Definition: The Organisation of which the subject entity forms a sub-division or component (such as a department or programme of work).	RO210	NHS ENGLAND (REGION, LOCAL OFFICE)	IS A SUB-DIVISION OF	RO209	NHS ENGLAND (REGION)
RE3	Named Relationship: IS DIRECTED BY Short Description: Influenced or directed through policy. Definition: The primary Organisation by which the subject entity is influenced or directed, through policy, legal authority or contractual agreements.	RO173	PATHOLOGY LAB	IS DIRECTED BY	RO197	NHS TRUST
RE4	Named Relationship: IS COMMISSIONED BY Short Description: Provider-to-Commissioner Definition: An Organisation commissioning health care or related services from the subject entity.	RO177	PRESCRIBING COST CENTRE	IS COMMISSIONED BY	RO98	CLINICAL COMMISSIONING GROUP
RE5	Named Relationship: IS LOCATED IN THE GEOGRAPHY OF Short Description: Geographical aggregator.	RO172	INDEPENDENT SECTOR	IS LOCATED IN THE	RO210	NHS ENGLAND (REGION, LOCAL

	Definition: An administrative geography, organisation or subdivision of an organisation, within the boundary of which the subject entity is physically located. Supplied for aggregation purposes only. <i>e.g. Fields 3 and 4 in current files.</i>		HEALTHCARE PROVIDER	GEOGRAPHY OF		OFFICE)
RE6	Named Relationship: IS OPERATED BY Short Description: Site-to-Organisation Definition: The Organisation that is responsible for operating and managing services within the subject entity. Does not necessarily denote ownership.	RO101	CARE HOME SITE	IS OPERATED BY	RO104	CARE HOME HQ
RE8	Named Relationship: IS PARTNER TO Short Description: Partner-to-Partnership/Collaboration/Network Definition: The Partnership/Collaboration/Network which the subject entity is part of.	RO76	GP PRACTICE PRESCRIBING COST CENTRE	IS PARTNER TO	RO272	PRIMARY CARE NETWORK
RE9	Named Relationship: IS NOMINATED PAYEE FOR Short Description: Payee-to-Network Definition: The Primary Care Network which the subject entity is nominated payee for.	RO76	GP PRACTICE PRESCRIBING COST CENTRE	IS NOMINATED PAYEE FOR	RO272	PRIMARY CARE NETWORK
RE10	Named Relationship: IS COVID NOMINATED PAYEE FOR Short Description: COVID Vaccination Payee-to-Network Definition: The Primary Care Network which the subject entity is COVID vaccination nominated payee for.	RO76	GP PRACTICE PRESCRIBING COST CENTRE	IS COVID NOMINATED PAYEE FOR	RO272	PRIMARY CARE NETWORK
RE11	Named Relationship: IS CONSTITUENT OF Short Description: Constituent-to-Entity Definition: The reporting entity to which the subject entity (Prescribing Cost Centre) is a constituent of. <i>NOTE: Used for London ICBs only to enable granular reporting and operations.</i>	RO76	GP PRACTICE PRESCRIBING COST CENTRE	IS CONSTITUENT OF	RO327	SUB ICB REPORTING ENTITY

Role – Primary

Code	Role Name	Role Start Date	Role End Date	Notes
RO88	GP ABEYANCE AND DISPERSAL	01/04/2006		
RO89	EXECUTIVE AGENCY PROGRAMME - DEPARTMENT	01/04/1991		
RO90	EXECUTIVE AGENCY SITE	01/04/1991		
RO91	EXECUTIVE AGENCY PROGRAMME	01/04/1991		
RO92	APPLICATION SERVICE PROVIDER	01/04/2006		
RO93	APPLICATION SERVICE PROVIDER - LEGACY	01/04/2004		
RO94	APPLIANCE CONTRACTOR	01/01/1948		
RO96	BRANCH SURGERY	01/04/2004		
RO98	CLINICAL COMMISSIONING GROUP	01/10/2011		Includes Clinical Commissioning Groups and Commissioning Hubs.
RO99	CLINICAL COMMISSIONING GROUP SITE	01/10/2011		
RO101	SOCIAL CARE SITE	25/11/2008		Renamed Social Care Site Nov18, previously Care Home Site. New non primary role introduced for Care Home (RO269).
RO102	CLINICAL NETWORK	01/04/2006		Includes Clinical Networks; Cardiac/Heart/Stroke/Cardiovascular/Critical Care Networks.
RO103	CANCER NETWORK	01/02/2006		Includes Cancer Network; Cancer Alliance; Cancer Commissioning Team; Strategic Clinical Network.
RO104	SOCIAL CARE PROVIDER	25/11/2008		Renamed Social Care Provider Nov18, previously Care Home HQ. New non primary role introduced for Care Home (RO269).
RO105	CANCER REGISTRY	01/04/1997		Includes Cancer Registries/Information Centre/Intelligence Services
RO106	COMMON SERVICE AGENCY (CSA)	01/01/1980	01/07/2003	
RO107	CARE TRUST	01/04/2002		
RO108	CARE TRUST SITE	01/04/2002		
RO109	DISTRICT HEALTH AUTHORITY	01/01/1980	31/03/1996	
RO110	GENERAL DENTAL PRACTICE	01/01/2010		

Organisation Reference Data Schema - Data Item Catalogue

RO111	DIRECTLY MANAGED UNIT (DMU)	01/01/1980	31/03/1998	
RO114	DMU SITE	01/04/1991	31/03/1998	
RO116	EXECUTIVE AGENCY	01/04/1991		
RO117	EDUCATION	01/04/2003		Includes Deanery and Health Education.
RO119	LOCAL AUTHORITY - LEGACY	01/04/2004	01/04/2013	
RO122	LOCAL AUTHORITY SITE - LEGACY	01/04/2004	01/04/2013	
RO123	LOCAL AUTHORITY DEPARTMENT	01/04/2004		
RO126	GOVERNMENT DEPARTMENT	01/04/1991		
RO128	GOVERNMENT OFFICE REGION	01/04/1994		
RO131	GOVERNMENT DEPARTMENT SITE	01/04/1991		
RO132	HEALTH AUTHORITY (HA)	01/04/1996		Includes Health Authority; Strategic Health Authority.
RO134	HEALTH OBSERVATORY	01/04/2000		
RO136	STRATEGIC HEALTH AUTHORITY SITE	01/04/2005		
RO137	ISLE OF MAN GOVERNMENT DIRECTORATE	01/04/2005		A generic naming convention has been applied to this type. Includes IOM Primary Healthcare; Public Health; Secondary Healthcare.
RO138	ISLE OF MAN GOVERNMENT DEPARTMENT	01/04/2005		A generic naming convention has been applied to this type. Includes Isle of Man Health Directorate.
RO140	ISLE OF MAN GOVERNMENT DIRECTORATE SITE	01/04/2005		A generic naming convention has been applied to this type. Includes IoM Cottage Hospital; Hospital; Ambulance Service; Office/Headquarters.
RO141	LOCAL AUTHORITY	01/01/1980		
RO142	LOCAL HEALTH BOARD	01/10/2009		
RO144	WELSH LOCAL HEALTH BOARD	01/04/2003	30/09/2009	
RO146	LOCAL SERVICE PROVIDER (LSP)	01/04/2004		
RO147	LSP SITE	01/04/2004		
RO148	LOCAL HEALTH BOARD SITE	01/10/2009		
RO149	WELSH LOCAL HEALTH BOARD SITE	01/04/2003	30/09/2009	
RO150	MILITARY HOSPITAL	01/01/1980		
RO153	NORTHERN IRELAND HEALTH & SOCIAL CARE BOARD	01/04/2009		
RO154	NORTHERN IRELAND HEALTH AND SOCIAL CARE TRUST	01/04/2007		

Organisation Reference Data Schema - Data Item Catalogue

RO155	NORTHERN IRELAND LOCAL COMMISSIONING GROUP	01/04/2009		
RO157	NON-NHS ORGANISATION	01/04/1996		
RO158	NON STATUTORY NHS ORGANISATION	01/01/1980		
RO159	NATIONAL APPLICATION SERVICE PROVIDER	01/04/2004		
RO161	NHS SUPPORT AGENCY	01/04/2003		Includes Shared Services/Consortium/Partnership, Informatics Services, Specialised Commissioning Group, LCCB, Support Services.
RO162	OTHER STATUTORY AUTHORITY (OSA)	01/01/1980		
RO166	OPTICAL HEADQUARTERS	01/04/2008		
RO167	OPTICAL SITE	01/04/2008		
RO168	OTHER STATUTORY AUTHORITY SITE	01/01/1980		
RO170	OXYGEN CONCENTRATOR SUPPLIER	01/01/1948	30/10/2007	
RO171	PRIMARY CARE GROUP	01/04/1999	31/03/2002	
RO172	INDEPENDENT SECTOR HEALTHCARE PROVIDER	01/04/2002		
RO173	PATHOLOGY LAB	01/04/1980		
RO175	PRISON	01/04/2003		
RO176	INDEPENDENT SECTOR H/C PROVIDER SITE	01/04/2002		
RO177	PRESCRIBING COST CENTRE	01/04/1974		
RO179	PRIMARY CARE TRUST	01/04/2000		
RO180	PRIMARY CARE TRUST SITE	01/04/2000		
RO181	PHARMACY HEADQUARTER	01/04/1985		
RO182	PHARMACY	01/01/1948		
RO185	REGIONAL OFFICE (RO)	01/04/1993		
RO189	SPECIAL HEALTH AUTHORITY (SPHA)	01/01/1980		
RO190	SCOTTISH HEALTH BOARD	01/01/1980		
RO191	SPECIAL HEALTH AUTHORITY SITE	01/01/1980		
RO195	TRANSPLANT CONSORTIUM (TC)	01/04/1998	30/09/2005	
RO197	NHS TRUST	01/04/1991		

RO198	NHS TRUST SITE	01/04/1991		
RO200	WELSH ASSEMBLY	01/04/2003		
RO203	WELSH HEALTH COMMISSION	01/04/2003	31/03/2010	
RO204	WELSH REGIONAL OFFICE	01/04/2003	31/03/2009	
RO209	NHS ENGLAND (REGION)	01/10/2012		Previously known as NHS England Commissioning Region. Updated following request from NHS England May17.
RO210	NHS ENGLAND (REGION, LOCAL OFFICE)	01/10/2012		Previously known as Region (Geography). Updated following request from NHS England May17.
RO212	NHS ENGLAND (REGION, LOCAL OFFICE) SITE	01/10/2012		Previously known as Region (Geography) Site. Updated following request from NHS England May17.
RO213	COMMISSIONING SUPPORT UNIT	19/09/2012		
RO214	COMMISSIONING SUPPORT UNIT SITE	19/09/2012		
RO216	DATA SERVICES FOR COMMISSIONERS REGIONAL OFFICE (DSCRO)	28/09/2012		Previously 'Data Management and Integration Centre (DMIC)'.
RO217	DSCRO SITE	28/09/2012		Previously 'DMIC Site'.
RO221	SCHOOL	28/02/2013		
RO222	LOCAL AUTHORITY SITE	10/05/2013		
RO227	SCOTTISH GP PRACTICE	01/04/1963		
RO228	YOUTH OFFENDER INSTITUTION	01/04/2003		
RO230	SECURE TRAINING CENTRE	01/04/2003		
RO231	SECURE CHILDREN'S HOME	01/04/2003		
RO232	IMMIGRATION REMOVAL CENTRE	01/04/2003		
RO233	CONSTABULARY	01/04/2003		
RO234	POLICE CUSTODY SUITE	01/04/2003		
RO235	COURT	01/04/2003		
RO236	SEXUAL ASSAULT REFERRAL CENTRE	01/04/2003		
RO261	STRATEGIC PARTNERSHIP	01/04/2016		Includes Sustainability & Transformation Partnerships
RO272	PRIMARY CARE NETWORK	01/07/2019		

[Organisation Reference Data Schema - Data Item Catalogue](#)

RO315	NORTHERN IRELAND GP PRACTICE	01/04/1974		
RO322	NORTHERN IRELAND NON-HPSS PROVIDER/ORGANISATION	12/06/2006		

Role – Non Primary

Code	Role Name	Role Start Date	Role End Date
RO7	HOSPICE	01/01/1980	
RO11	LA – METROPOLITAN DISTRICT	01/01/1980	31/03/2013
RO12	LA – INNER LONDON	01/01/1980	31/03/2013
RO15	REG'D UNDER PART 2 CARE STDS ACT 2000	01/01/1980	
RO20	SPECIALISED SERVICES COMM CONSORTIA	01/04/1998	
RO21	LEVEL 03 PCT	01/04/2000	
RO22	LEVEL 04 PCT	01/04/2000	
RO24	NHS TRUST DERIVED	01/04/2002	
RO25	PCT DERIVED	01/04/2002	
RO29	TREATMENT CENTRE	01/04/2002	
RO30	RESEARCH AND DEVELOPMENT	01/04/2003	
RO31	NHS PRESCRIPTION SERVICE EPACT SYSTEM	01/04/2003	
RO33	COUNTY COUNCIL	01/04/2004	
RO34	BOROUGH COUNCIL	01/04/2004	
RO35	CITY COUNCIL	01/04/2004	
RO36	DISTRICT COUNCIL	01/04/2004	
RO37	METROPOLITAN DISTRICT	01/04/2004	
RO38	COUNCIL	01/04/2004	
RO39	METROPOLITAN DISTRICT COUNCIL	01/04/2004	
RO40	UNITARY AUTHORITY	01/04/2004	
RO57	FOUNDATION TRUST	01/04/2004	
RO59	ABEYANCE	01/04/2006	
RO60	DISPERSAL	01/04/2006	
RO62	THORACIC NETWORK	01/04/2006	
RO65	PRIVATE DENTAL PRACTICE	01/01/2010	

RO67	SPECIALISED COMMISSIONING GROUP	01/04/2004	
RO69	IMMIGRATION REMOVAL CENTRE	01/04/2003	
RO71	PRIVATELY OWNED ENTITY	01/01/2012	
RO72	OTHER PRESCRIBING COST CENTRE	01/04/1974	
RO76	GP PRACTICE PRESCRIBING COST CENTRE	01/04/1974	
RO80	OUT OF HOURS PRESCRIBING COST CENTRE	01/04/2007	
RO82	PRISON PRESCRIBING COST CENTRE	01/04/2007	
RO83	RESIDENTIAL INSTITUTION	25/11/2008	
RO87	WALK IN CENTRE PRESCRIBING COST CENTRE	01/04/2007	
RO211	SPECIALISED COMMISSIONING HUB	01/10/2012	
RO215	HOSTS DATA MANAGEMENT INTEGRATION CENTRE (DMIC)	19/09/2012	
RO218	COMMISSIONING HUB	01/10/2012	
RO220	SECURE TRAINING CENTRE	07/01/2013	
RO223	LONDON BOROUGH	01/04/2013	
RO229	NON RESIDENTIAL INSTITUTION	01/04/2003	
RO245	BORDER FORCE PRESCRIBING COST CENTRE	01/04/2003	
RO246	CARE HOME/NURSING HOME PRESCRIBING COST CENTRE	01/04/2003	
RO247	COMMUNITY HEALTH SERVICE PRESCRIBING COST CENTRE	01/04/2003	
RO248	COURT PRESCRIBING COST CENTRE	01/04/2003	
RO249	HOSPICE PRESCRIBING COST CENTRE	01/04/2003	
RO250	HOSPITAL SERVICE PRESCRIBING COST CENTRE	01/04/2003	
RO251	IMMIGRATION REMOVAL CENTRE PRESCRIBING COST CENTRE	01/04/2003	
RO252	OPTOMETRY SERVICE PRESCRIBING COST CENTRE	01/04/2003	
RO253	OTHER - JUSTICE ESTATE PRESCRIBING COST CENTRE	01/04/2003	
RO254	POLICE CUSTODY PRESCRIBING COST CENTRE	01/04/2003	
RO255	PUBLIC HEALTH SERVICE PRESCRIBING COST CENTRE	01/04/2003	
RO256	SECURE CHILDREN'S HOME PRESCRIBING COST CENTRE	01/04/2003	

RO257	SECURE TRAINING CENTRE PRESCRIBING COST CENTRE	01/04/2003	
RO258	SEXUAL ASSAULT REFERRAL CENTRE PRESCRIBING COST CENTRE	01/04/2003	
RO259	URGENT & EMERGENCY CARE PRESCRIBING COST CENTRE	01/04/2003	
RO260	YOUNG OFFENDER INSTITUTION PRESCRIBING COST CENTRE	01/04/2003	
RO262	SUSTAINABILITY TRANSFORMATION PARTNERSHIP	01/04/2016	
RO266	EXTENDED ACCESS PROVIDER	01/04/2018	
RO267	EXTENDED ACCESS HUB	01/04/2018	
RO268	MEDICINES SUPPLIER	01/04/2018	
RO269	CARE HOME	01/04/2000	
RO270	DOMICILIARY CARE	01/04/2000	
RO271	INTEGRATED CARE PARTNERSHIP	21/02/2019	
RO273	COMBINED AUTHORITY	10/12/2019	
RO274	LOCAL HEALTH AND CARE RECORD EXEMPLAR	01/04/2020	
RO275	SMHPC - CYPMHS TIER 4	01/10/2020	
RO276	SMHPC - ADULT EATING DISORDERS	01/10/2020	
RO277	SMHPC - ADULT SECURE SERVICES	01/10/2020	
RO279	COVID VACCINATION CENTRE	01/10/2020	
RO281	COMMUNITY SCHOOL	01/01/1900	
RO282	VOLUNTARY AIDED SCHOOL	01/01/1900	
RO283	VOLUNTARY CONTROLLED SCHOOL	01/01/1900	
RO284	FOUNDATION SCHOOL	01/01/1900	
RO285	CITY TECHNOLOGY COLLEGE	01/01/1900	
RO286	COMMUNITY SPECIAL SCHOOL	01/01/1900	
RO287	NON-MAINTAINED SPECIAL SCHOOL	01/01/1900	
RO288	OTHER INDEPENDENT SPECIAL SCHOOL	01/01/1900	
RO289	OTHER INDEPENDENT SCHOOL	01/01/1900	
RO290	FOUNDATION SPECIAL SCHOOL	01/01/1900	
RO291	PUPIL REFERRAL UNIT	01/01/1900	

RO292	LOCAL AUTHORITY NURSERY SCHOOL	01/01/1900	
RO293	FURTHER EDUCATION	01/01/1900	
RO294	SECURE UNITS	01/01/1900	
RO296	MISCELLANEOUS	01/01/1900	
RO297	ACADEMY SPONSOR LED	01/01/1900	
RO298	HIGHER EDUCATION INSTITUTIONS	01/01/1900	
RO299	SIXTH FORM CENTRES	01/01/1900	
RO300	SPECIAL POST 16 INSTITUTION	01/01/1900	
RO301	ACADEMY SPECIAL SPONSOR LED	01/01/1900	
RO302	ACADEMY CONVERTER	01/01/1900	
RO303	FREE SCHOOLS	01/01/1900	
RO304	FREE SCHOOLS SPECIAL	01/01/1900	
RO305	FREE SCHOOLS ALTERNATIVE PROVISION	01/01/1900	
RO306	FREE SCHOOLS 16 TO 19	01/01/1900	
RO307	UNIVERSITY TECHNICAL COLLEGE	01/01/1900	
RO308	STUDIO SCHOOLS	01/01/1900	
RO309	ACADEMY ALTERNATIVE PROVISION CONVERTER	01/01/1900	
RO310	ACADEMY ALTERNATIVE PROVISION SPONSOR LED	01/01/1900	
RO311	ACADEMY SPECIAL CONVERTER	01/01/1900	
RO312	ACADEMY 16-19 CONVERTER	01/01/1900	
RO313	ACADEMY 16 TO 19 SPONSOR LED	01/01/1900	
RO314	INSTITUTION FUNDED BY OTHER GOVERNMENT DEPARTMENT	01/01/1900	
RO316	SPECIAL SCHOOLS EYE CARE SERVICE PROVIDER	01/04/2021	
RO317	COMMUNITY DIAGNOSTIC CENTRE	01/10/2021	
RO318	INTEGRATED CARE BOARD	01/07/2022	
RO319	SUB ICB LOCATION	01/07/2022	
RO320	ELECTIVE SURGICAL HUBS	01/10/2022	
RO321	PRIMARY CARE NETWORK PRESCRIBING COST CENTRE	01/01/2023	

RO323	INDEPENDENT PHARMACY PRESCRIBER PATHFINDER	01/10/2023	
RO324	SMHPC – PERINATAL MH	01/10/2023	
RO325	ACADEMY SECURE 16 TO 19	01/01/1900	
RO326	ICB COMMISSIONING PROXY	01/04/2024	
RO327	SUB ICB REPORTING ENTITY	26/03/2024	

Schema Definitions

Term	Meaning
Assigning Authority	The organisation responsible for maintaining a range of identifiers.
Component	In XML terms this is a structural element of the document hierarchy.
CSV	Comma Separated Values. A common, relatively simple file format for storing tabular data in plain-text form, particularly well-suited to fixed length records.
Data Item Catalogue	A detailed technical description of all data items contained within the Object model which supports Organisation Reference Data.
Deprecation	Mark a feature or data item within a standard as obsolete to warn against its use in the future so that it may be phased out.
Entity	An Organisation, Site or Location which physically exists in the real world.
HSCIC	Health and Social Care Information Centre - a data, information and technology resource for the health and care system which plays a fundamental role in driving better care, better services and better outcomes for patients in England.
HSCOrg	Health and Social Care Organisation. Definition: One or more people with a common purpose of function and whose activities encompass the funding, direction or provision of health or social care and support services; this includes public, private or voluntary sector Organisations.
HSCSite	Health and Social Care Organisation Site. Definition: The primary function of HSCSite is to identify an association between an HSCOrg and a place with which it is affiliated. All HSCSite entities have an association to an HSCOrg and the HSCSite record is generally real estate that the HSCOrg owns, provides a service at or has some staff based within. HSCSite does <i>not</i> provide unique identifiers for locations. Multiple HSCSite instances can point to the same physical place if more than one HSCOrg owns or provides patient care at that place; in this instance each HSCOrg may have its own HSCSite to reflect its affiliation with the same physical place (e.g. a hospital).

Intelligence	The ability for a consumer to interpret the primary role of a given organisation from the format of the organisation code.
Issuing Authority	The organisation responsible for publishing Health and Social Care Organisation Reference Data (at the time of writing, this is the Organisation Data Service (ODS).
Meta Data	'Data about data' - in this context additional information about an organisation or site entity (i.e. indicating its Roles, Relationships etc).
NHS Digital	The trading name for HSCIC.
ODS	Organisation Data Service - Part of the HSCIC responsible for the publication of organisation and practitioner codes, and for the national policy and standards with regard to the majority of organisation codes. These code standards form part of the NHS data standards. This service was previously known as National Administrative Codes Service (NACS).
Partial	Partial in the context of this document/model is used to describe releases restricted to changed records, designed to allow updates only to be applied to reference data, avoiding the need to refresh the entire data set.
Record	The representation of an Entity within Organisation Reference Data.
Reference Data	Data that defines the set of permissible values to be used by other data fields.
Referential Integrity	Referential integrity is a database concept that ensures that relationships between tables remain consistent. When one table has a foreign key to another table, the concept of referential integrity states that you may not add a record to the table that contains the foreign key unless there is a corresponding record in the linked table.
SCCI	Standardisation Committee for Care Information. http://content.digital.nhs.uk/isce
Subject	The current record within Organisation Reference Data.
Target	Identifies the records to which relationships on the current record point.

Unified Identifier Structure	(See also 'Multiple-frame Identifier Structure') Unique identifiers, with a single, unified standard structure of 5 alternating alphabetic and numeric characters (ANANA) <i>with no inherent meaning</i> . Concepts previously indicated through identifier structure will be addressed with new meta-data.
UPRN	Unique Property Reference Number - a unique identifier for spatial addresses in Great Britain, provided in AddressBase (an Ordnance Survey product).
URI	A Uniform Resource Identifier (URI) is a string of characters used to identify the name of a resource. Such identification enables interaction with representations of the resource over a network, typically the World Wide Web. The most common form of URI is the Uniform Resource Locator (URL), frequently referred to informally as a web address.
URL	Uniform Resource Locator - A reference (an address) to a resource on the Internet. For example a URL could be the name of a file on the World Wide Web because most URLs refer to a file on some machine on the network. However, URLs also can point to other resources on the network, such as database queries and command output.
XML	Extensible Markup Language. A set of rules for encoding documents in machine-readable form.