

# NHS Data Model and Dictionary



**Type:** Data Dictionary Change Notice  
**Reference:** 1822  
**Version No:** 1.0  
**Subject:** Introduction of Digital Health and Care Wales  
**Effective Date:** Immediate  
**Reason for Change:** Change to definitions  
**Publication Date:** 22 April 2021

## Background:

Digital Health and Care Wales (DHCW) replaced the NHS Wales Informatics Service on 1 April 2021, see the [Digital Health and Care Wales website](#).

This Data Dictionary Change Notice (DDCN) updates the NHS Data Model and Dictionary as follows:

- Introduces a new NHS Business Definition for Digital Health and Care Wales
- Retires the NHS Wales Informatics Service NHS Business Definition.

A short demonstration is available which describes "How to Read an NHS Data Model and Dictionary Change Request", in an easy to understand screen capture including a voice over and readable captions. This demonstration can be viewed at: [https://datadictionary.nhs.uk/elearning/Change\\_Request/index.html](https://datadictionary.nhs.uk/elearning/Change_Request/index.html).

Note: if the web page does not open, please copy the link and paste into the web browser. A guide to how to use the demonstration can be found at: [Demonstrations](#).

## Summary of changes:

### Supporting Information

[DIGITAL HEALTH AND CARE WALES](#)

[NHS PRESCRIPTION SERVICES](#)

[NHS WALES INFORMATICS SERVICE \(RETIRED\)](#) renamed from [NHS WALES INFORMATICS SERVICE](#)

[ORGANISATION CODING FRAMES](#)

New Supporting Information  
Changed Description  
Changed Name, Description, status to Retired  
Changed Description

**Date:** 22 April 2021

**Sponsor:** Nicholas Oughtibridge, Head of Clinical Data Architecture, NHS Digital

**Note:** New text is shown with a blue background. Deleted text is crossed out. Retired text is shown in grey. Within the Diagrams deleted classes and relationships are red, changed items are blue and new items are green.

---

## DIGITAL HEALTH AND CARE WALES

---

Change to Supporting Information: New Supporting Information

[Digital Health and Care Wales](#) is an [ORGANISATION](#).

[Digital Health and Care Wales](#) ([DHCW](#)) is an NHS Wales [Special Health Authority](#).

[Digital Health and Care Wales](#) was established on 1 April 2021 to take forward the digital transformation needed for better health and care in Wales, making [SERVICES](#) more accessible and sustainable while supporting personal health and well-being.

The key responsibilities of [Digital Health and Care Wales](#) are:

- [Mobilising digital transformation and ensuring high quality care](#)
- [Expanding access to the Welsh Digital Health and Care Record](#)
- [Delivering high-quality digital services](#)
- [Enabling big data analysis for better outcomes](#)

For further information on the [Digital Health and Care Wales](#), see the [Digital Health and Care Wales](#) website at: [About us](#).

**This supporting information is also known by these names:**

Context	Alias
<a href="#">shortname</a>	<a href="#">DHCW</a>

---

## NHS PRESCRIPTION SERVICES

---

Change to Supporting Information: Changed Description

[NHS Prescription Services](#) is an [ORGANISATION](#).

[NHS Prescription Services](#) (previously known as the NHS Business Services Authority Prescription Pricing Division) is one of the services supplied by the [NHS Business Services Authority](#) ([NHSBSA](#)).

[NHS Prescription Services](#) processes over three million prescription items every working day.

[NHS Prescription Services](#)' primary responsibilities are:

- Examination, checking, pricing and analysis of the NHS prescriptions for drugs, medicine and appliances in England;

- Payments to pharmacy contractors, appliance contractors and authorisation of payments to dispensing doctors in England;
- Provision of regular and prompt information on the costs and trends of prescribing in England;
- Supplying England, Isle of Man and Channel Island [GENERAL MEDICAL PRACTITIONER](#) codes;
- Supplying England, Isle of Man and Channel Island [GP Practice](#) codes;
- Supplying codes for England, Isle of Man and Channel Island pharmacy and appliance dispensers.

~~Note: [NHS Wales Informatics Service](#) supply Welsh practitioner and practice details.~~ **Note: [Digital Health and Care Wales](#) supplies Welsh practitioner and practice details.**

For further information on [NHS Prescription Services](#), see the [NHS Prescription Services](#) website at: [NHS Prescription Services](#).

---

**NHS WALES INFORMATICS SERVICE (RETIRED)** renamed from **NHS WALES INFORMATICS SERVICE**

---

Change to Supporting Information: Changed Name, Description, status to Retired

~~[NHS Wales Informatics Service](#) is an [ORGANISATION](#).~~ **[NHS Wales Informatics Service](#) was replaced with [Digital Health and Care Wales](#) on 1 April 2021.**

~~[NHS Wales Informatics Service](#) (NWIS) is an NHS Wales [ORGANISATION](#).~~ **This item has been retired from the NHS Data Model and Dictionary.**

~~The [NHS Wales Informatics Service](#) was established on 1 April, 2010, as part of the healthcare reform programme. It brings together the strategic development of Information Communications Technology (ICT), the delivery of operational ICT services and information management.~~ **The last live version of this item is available in the March 2021 release of the NHS Data Model and Dictionary.**

~~The new [ORGANISATION](#) has a national remit to support the transformation of NHS Wales and make better use of scarce skills and resources. It was formed by merging Informing Healthcare, [Health Solutions Wales](#), the Business Services Centre IM&T element, the Corporate Health Information Programme and the Primary Care Informatics Programme.~~ **Access to this version can be obtained by emailing [informationstandards@nhs.net](mailto:informationstandards@nhs.net) with "NHS Data Model and Dictionary - Archive Request" in the email subject line.**

~~The new arrangements will allow Information Communications Technology resources to work together more closely to support a consistent approach to health informatics and the implementation of common national systems. The [ORGANISATION](#) will also be an exemplar for health informatics professional development.~~

~~For further information on the [NHS Wales Informatics Service](#), see the [NHS Wales Informatics Service](#) website at: [About us](#).~~

**NHS WALES INFORMATICS SERVICE (RETIRED)\_ renamed from NHS WALES INFORMATICS SERVICE**

Change to Supporting Information: Changed Name, Description, status to Retired

- Changed Name from Data\_Dictionary.NHS\_Business\_Definitions.N.NHS\_Wales\_Informatics\_Service to Retired.Data\_Dictionary.NHS\_Business\_Definitions.N.NHS\_Wales\_Informatics\_Service
- Changed Description
- Retired NHS Wales Informatics Service

**ORGANISATION CODING FRAMES**

Change to Supporting Information: Changed Description

For further information, see the attribute [ORGANISATION CODE](#).

**ORGANISATION CODING FRAMES**

- All NHS [ORGANISATIONS](#) are coded using coding frames, as shown in the tables below:

Character Position	1	2	3	4	5	6	7	8
<b>Format</b>	a/n	a/n	a/n	a/n	a/n	a/n	a/n	a/n
<b>A Frame</b>	Organisation Type Identifier	Organisation Identifier						
<b>B Frame</b>	Organisation Type Identifier			Organisation Identifier				
<b>C Frame</b>	Organisation Type Identifier	Organisation Identifier						
<b>D Frame</b>	Organisation Type Identifier	Organisation Identifier						

<b>E Frame</b>	Organisation Identifier						
<b>F Frame</b>	Organisation Type Identifier	Organisation Identifier					
<b>G Frame</b>	Organisation Type Identifier	Practice Identifier					
<b>H Frame</b>	Organisation Type Identifier	Organisation Identifier					
<b>I Frame</b>	Organisation Type Identifier	Organisation Identifier					
<b>K Frame</b>	Organisation Identifier						
<b>L Frame</b>	Organisation Type Identifier	Organisation Identifier	Organisation Type Identifier				
<b>M Frame</b>	Organisation and Organisation Type Identifier						
<b>N Frame</b>	Organisation Type Identifier	Organisation Identifier					

## A Frame:

### Example

Non NHS Organisation ([Independent Provider](#)) e.g. 8HA03

- 8 = Organisation Type Identifier
  - Remainder = Organisation Identifier
- 

## B Frame:

### Example

Local Service Provider e.g. LSP01

- LSP = Organisation Type Identifier
- 01 = Organisation Identifier

Also:

Application Service Provider

e.g. YGM01

[Education Establishment](#)

e.g. YDF01

NHS Support Agency

e.g. YDD01

---

## C Frame:

### Example

[School](#) e.g. EE134290

- EE = Organisation Type Identifier
  - Remainder = Organisation Identifier
- 

## D Frame:

### Example

[Care Trust](#) e.g. TAK

- T = Organisation Type Identifier
- AK = Organisation Identifier

Also:

[Commissioning Support Unit \(CSU\)](#) /

e.g. 0AA

[Data Services for Commissioners Regional Office \(DSCRO\)](#)

High Level Health Geography, e.g. [Sustainability and Transformation Partnership](#)

e.g. QJK

[Local Health Board \(Wales\)](#)

e.g. 7A1

[NHS Trust](#)

e.g. RH8

[Justice Organisation](#)

e.g. VAA

---

## E Frame:

### Example

[Government Office Region \(GOR\)](#) e.g. K

- K = Organisation Identifier

Note: [Government Office Region \(GOR\)](#) is identified by a one character code; no other one character code exists.

---

## F Frame:

### Example

[Pharmacy](#) Headquarters e.g. P001

- P = Organisation Type Identifier
- 001 = Organisation Identifier

Also:

[Care Home](#) Headquarters

e.g.CA0A

[Optical Headquarters](#)

e.g.T1A1

---

## G Frame:

### Example

[GP Practices](#) in England and Wales e.g. Y00001

- Y = Organisation Type Identifier
- 00001 = Practice Identifier

Also:

[Dental Practice](#)

e.g.V20052

---

## H Frame:

## Example

Cancer Network e.g. N01

- N0 (where the 2nd character is numeric and not alpha) = Organisation Type Identifier
- 1 = Organisation Identifier

Also:

Booking Management System (BMS) Call Centre Establishment	e.g. YF1
Government Department	e.g. XDA
<a href="#">Independent Sector Healthcare Provider (ISHP)</a> (where the 2nd character is alpha)	e.g. NV7
National Application Service Provider	e.g. YEA
<a href="#">Other Statutory Authority (OSA)</a>	e.g. X16

---

## I Frame:

### Example

[Special Health Authority \(SpHA\)](#) e.g. T1150

- T1 = Organisation Type Identifier
  - 150 = Organisation Identifier
- 

## K Frame:

### Example

[NHS Wales Informatics Service](#) e.g. W00 [Digital Health and Care Wales](#) e.g. W00

- W00 = Organisation Identifier
- 

## L Frame:

### Example

[Northern Ireland Local Commissioning Group](#) e.g. ZC010

- Characters 1-3 (ZC0) AND character 5 (0) = Organisation Type Identifier
- Character 4 = Organisation Identifier

*Note: this is a 5 character method of displaying [Northern Ireland Local Commissioning Group](#) identifiers.*

*Characters 3 and 5 are 'fillers'. If a 3 character code is required (as used by the [Office for National Statistics](#) in the [NHS Postcode Directory](#)) zeros can be omitted, e.g. ZC1.*

*The 3 character method of displaying the [Northern Ireland Local Commissioning Group](#) identifiers fit under the H Frame.*

*Guidance on the use of Northern Ireland codes can be found in [Data Set Change Notice 19/2009](#).*

---



## M Frame:

### Example

[Clinical Commissioning Group \(CCG\)](#) e.g. 12A

- 12A = Organisation and Organisation Type Identifier

Also:

[Local Authority](#)

e.g.000

---

## N Frame:

### Example

GP Abeyance and Dispersal [GP Practice](#) e.g. G7817414

- G78 = Organisation Type Identifier
- 17414 = Organisation Identifier

---

The structure and format of [ORGANISATION CODES](#) maintained by the [Organisation Data Service](#), [NHS Prescription Services](#), [NHS Dental Services](#) and other agencies are detailed in the tables below.

## ORGANISATION CODES TABLES

**Table 1: CODING FORMATS FOR ORGANISATIONS IN ENGLAND AND WALES**

Organisation Type	Frame Type	Character Position								Code allocated by:	Notes/Comments
	<a href="#">See Coding Frames Table</a>	1	2	3	4	5	6	7	8		
Application Service Provider	<b>B</b>	Y	G	M	A-9	A-9				<a href="#">ODS</a>	e.g. YGM01
Booking Management System (BMS)	<b>H</b>	Y	F	A-9						<a href="#">ODS</a>	e.g. YF1

Call Centre Establishment											
Cancer Network	H	N	0-9	A-9						<a href="#">ODS</a>	e.g. N01
Cancer Registry	A	Y	0-9	0-9	0-9	0-9				<a href="#">ODS</a>	e.g. Y0401  <b>All Cancer Registries in England are now part of the <a href="#">National Cancer Registration and Analysis Service</a></b>
<a href="#">Care Home Headquarters</a>	F	A, C or D	A-9	A-9	A-9					<a href="#">ODS</a>	e.g. CA0A
<a href="#">Care Trust (CT)</a>	D	T	A-Y	A-Y						<a href="#">ODS</a>	e.g. TAK
<a href="#">Clinical Commissioning Group (CCG)</a>	M	0-9	0-9	A-Y						<a href="#">ODS</a>	e.g. 12A
Clinical Network	B	Y	D	G	A-9	A-9				<a href="#">ODS</a>	e.g. YDG01
<a href="#">Commissioning Support Unit (CSU) / Data Services for Commissioners Regional Office (DSCRO)</a>	D	0	A-Y	A-Y						<a href="#">ODS</a>	e.g. 0AA

<a href="#">Dental Practice</a> - England and Wales	<b>G</b>	V	0-9	0-9	0-9	0-9	0-9			<a href="#">NHS Dental Services</a>	e.g. V20052
<a href="#">Digital Health and Care Wales (DHCW)</a>	<b>K</b>	W	0	0						<a href="#">ODS</a>	<b>Only one organisation of this type exists for Wales</b>  e.g. W00  <a href="#">Digital Health and Care Wales</a> replaced <a href="#">NHS Wales Informatics Service</a> on 1 April 2021
<a href="#">Education Establishment</a>	<b>B</b>	Y	D	F	A-9	A-9				<a href="#">ODS</a>	e.g. YDF01
Executive Agency	<b>N/A</b> <a href="#">See Note 1</a>	X	0-9	0-9						<a href="#">ODS</a>	e.g. X09
Executive Agency Programme	<b>N/A</b> <a href="#">See Note 1</a>	X	0-9	0-9	0-9	0-9	0-9			<a href="#">ODS</a>	First three characters denote Executive Agency  e.g. X09001
Government Department	<b>H</b>	X	A-Y	A-Y						<a href="#">ODS</a>	e.g. XDA
<a href="#">Government Office Region (GOR)</a>	<b>E</b>	A-Y								<a href="#">ONS</a>	e.g. K

												Government Office Regions (GORs) closed 31 March 2011 - from 1 April 2011 referred to as <a href="#">Regions</a>
GP Abeyance and Dispersal <a href="#">GP Practice</a>	<b>N</b>	G	7	8	0-9	0-9	0-9	0-9	0-9			<a href="#">ODS</a> e.g. G7817414
<a href="#">GP Practices</a> in England and Wales	<b>G</b>	A-H, J-N, P, W & Y	0-9	0-9	0-9	0-9	0-9					<a href="#">NHS Prescription Services</a> Char 1 = W for Welsh <a href="#">GP Practice</a> .  All other values represent <a href="#">GP Practices</a> in England.  <b>Note: from 2003, ALL newly allocated Practice Codes in England begin with a Y</b>  e.g. Y00001
<a href="#">Justice Organisation</a>	<b>D</b>	V or W	A-Y	A-9								<a href="#">ODS</a> e.g. VAA
High Level Health Geography, e.g. <a href="#">Sustainability and Transformation Partnership</a>	<b>D</b>	Q	A-9	A-9								<a href="#">ODS</a> e.g. QJK

<a href="#">Independent Sector Healthcare Provider (ISHP)</a>	<b>H</b>	A, B, D, G, I, K, L, M, N, O, S, U, V, W	A-Y	A-Y, 0-9						<a href="#">ODS</a>	e.g. NV7
<a href="#">Local Authority (LA)</a>	<b>M</b>	0-9	0-9	0-9						<a href="#">ODS</a>	e.g. 000
<a href="#">Local Health Board (Wales)</a>	<b>B</b>	7	A-9	A-9						<a href="#">ODS</a>	e.g. 7A1
Local Service Provider (LSP)	<b>B</b>	L	S	P	0-9	0-9				<a href="#">ODS</a>	e.g. LSP01
Military Hospital	<b>B</b>	X	M	D	A-9	A-9				<a href="#">ODS</a>	e.g.XMDA1
National Application Service Provider	<b>H</b>	Y	E	A-9						<a href="#">ODS</a>	e.g. YEA
National Groupings (England)	<b>H</b>	Y	5	0-9						<a href="#">ODS</a>	e.g. Y51
NHS Support Agency	<b>B</b>	Y	D	D	A-9	A-9				<a href="#">ODS</a>	e.g. YDD01

<a href="#">NHS Trust</a>	<b>D</b>	R	A-9	A-9						<a href="#">ODS</a>	e.g. RH8
<a href="#">NHS Wales Informatics Service (NWIS)</a>	<b>K</b>	W	0	0						<a href="#">ODS</a>	<b>Only one organisation of this type exists for Wales</b>  e.g. W00
Non NHS Organisation ( <a href="#">Independent Provider</a> )	<b>A</b>	8	A-Y	A-9	0-9	0-9				<a href="#">ODS</a>	e.g. 8HA03
Northern Ireland Health & Social Care Board	<b>N/A</b>	Z	B	0	0	1				<a href="#">ODS</a>	e.g. ZB001
Northern Ireland Health & Social Care Trust	<b>I</b>	Z	T	0-9	0-9	0-9				<a href="#">ODS</a>	e.g. ZT001
<a href="#">Northern Ireland Local Commissioning Group</a>	<b>L</b>	Z	C	0	0-9	0				Department for Health, Social Services and Public Safety (DHSSPS), Northern Ireland	e.g. ZC010  Note that characters 3 and 5 are 'fillers' to create a 5 character code. If a 3 character code is required (as used by the <a href="#">Office for National Statistics</a> in the <a href="#">NHS Postcode Directory</a> ), zeros

											can be omitted and fits under the H frame: e.g. ZC1. <i>Guidance on the use of Northern Ireland codes can be found in <a href="#">Data Set Change Notice 19/2009</a>.</i>
<a href="#">Optical Headquarters</a>	<b>F</b>	T	0-9	A-9	A-9					<a href="#">ODS</a>	e.g. T1A1
<a href="#">Other Statutory Authority (OSA)</a>	<b>H</b>	X	0-9	0-9						<a href="#">ODS</a>	e.g. X16
<a href="#">Pharmacy</a>	<b>A</b>	F	A-Y	A-9	A-9	A-9				<a href="#">ODS</a>	e.g. FA002
<a href="#">Pharmacy Headquarters</a>	<b>F</b>	P	A-9	A-9	A-9					<a href="#">ODS</a>	e.g. P001
<a href="#">Primary Care Trust (PCT)</a>	<b>D</b>	5	A-9	A-9						<a href="#">ODS</a>	e.g. 5CT  <b>All <a href="#">Primary Care Trusts</a> closed 31 March 2013</b>
Prison Health Service	<b>B</b>	Y	D	E	A-9	A-9				<a href="#">ODS</a>	e.g. YDE01
<a href="#">School</a>	<b>C</b>	E	E	A-9	A-9	A-9	A-9	A-9	A-9	<a href="#">Department for Education</a> and <a href="#">ODS</a>	e.g. EE134290

<a href="#">Special Health Authority (SpHA)</a>	<b>I</b>	T	1	0-9	0-9	0				<a href="#">ODS</a>	e.g. T1150
<a href="#">Strategic Health Authority (SHA)</a>	<b>D</b>	Q	A-9	A-9						<a href="#">ODS</a>	e.g. Q30  <b>All <a href="#">Strategic Health Authorities</a> in England closed 31 March 2013</b>
Welsh Assembly	<b>D</b>	W	0-9	0-9						<a href="#">ODS</a>	e.g. W01
Welsh Health Commission	<b>A</b>	W	0-9	0-9	A-Y	A-Y				<a href="#">ODS</a>	e.g. W01HC

**Notes:**

- Codes for Executive Agency, Executive Agency Programme, Executive Agency Site and Executive Agency Programme Department do not easily fit into the coding frames as shown above and are therefore not included. This is due to their unusual structure in that there are more hierarchical 'tiers' than with other organisations.

*Executive Agency and Executive Agency Programme are both considered Organisation level entities, although each Programme does have a relationship to an Executive Agency. Executive Agency codes are three characters long. Executive Agency Programme codes are six, and their first three characters are the same as the Executive Agency they are associated to.*

*Department codes of eight characters long can then be allocated underneath a Programme code (sharing the first six characters). Executive Agency Site codes of five characters long can be allocated under an Executive Agency code (and share the first three characters).*

- A-9 indicates that characters A-Z and 0-9 are valid: except B, I, O, S, U and Z (to avoid ambiguity). This applies to all [ORGANISATION CODES](#) in the Coding Format Table above except [Independent Sector Healthcare Providers \(ISHP\)](#).



**Table 2: CODING FORMATS FOR ORGANISATIONS IN SCOTLAND**

Scottish [ORGANISATION CODES](#) are supplied by the Information Standards Directorate (ISD) from NHS Scotland and published by the [Organisation Data Service](#).

Organisation Type	Character Position						Code allocated by:	Notes/Comments
	1	2	3	4	5	6		
GP Practice - Scotland	S	0-9	0-9	0-9	0-9	0-9	NHS	
Scottish GP Fundholder	S	A-Z	B	0-9	0-9		ISD, Scotland	2nd character identifies the Health Board the GPFH reports to. 3rd character (always B) shows GPFH status.
Scottish Health Agency	S	D	0-9	0-9	0-9		ISD, Scotland	2nd character (D) identifies Scottish Office agencies
Scottish Health Board	S	A-Z	9	9	9		ISD, Scotland	
Scottish Provider	S	A-Z	A,C,D	0-9	0-9		ISD, Scotland	2nd character identifies the Health Board the organisation reports to. 3rd character identifies the organisation type: A= Health Unit C = Hospital Trust D = Nursing Home

**Table 3: CODING FORMATS for ORGANISATIONS in OTHER HOME COUNTRIES**

Organisation Type	Character Position						Code allocated by:	Notes/Comments
	1	2	3	4	5	6		
GP Practice - Alderney	A	L	D	0-9	0-9	0-9	<a href="#">NHS Prescription Services</a>	
GP Practice - Guernsey	G	U	E	0-9	0-9	0-9	<a href="#">NHS Prescription Services</a>	
GP Practice - Isle of Man (IOM)	Y	0-9	0-9	0-9	0-9	0-9	<a href="#">NHS Prescription Services</a>	
GP Practice - Jersey	J	E	R	0-9	0-9	0-9	<a href="#">NHS Prescription Services</a>	
<a href="#">Primary Healthcare Directorate (Isle of Man)</a>	Y	K	A-9				<a href="#">ODS</a>	e.g. YK1

*Note: A-9 indicates that characters A-Z and 0-9 are valid: except B, I, O, S, U and Z (to avoid ambiguity).*

For enquiries about this Change Request, please email [information.standards@nhs.net](mailto:information.standards@nhs.net)

