

Subject(s):	<i>To remove all references to 'Health Solutions Wales', 'Business Services Centre' and 'Information Products Unit' and replace with 'NHS Wales Informatics Service'</i>
Approval Status:	<i>This DDCN was approved by the DSCN Sub-Group on the 17th October 2012.</i>
Data Dictionary Version:	4.2
Reference Number:	DDCN 2012 / 06
Version Number:	12
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Relevant DSCN(s):	N/A

Reason for Change

The terms 'Health Solutions Wales', 'Business Services Centre' and 'Information Products Unit' are outdated and no longer hold any relevance in the NHS Wales Data Dictionary.

In addition, any references to 'National Assembly for Wales' or 'Welsh Assembly Government' need to be replaced with the correct and current naming convention.

Description of Change

To remove all content associated with HSW, BSC, IPU, 'Health Solutions Wales', 'Business Services Centre' and 'Information Products Unit' from the NHS Wales Data Dictionary and replace with 'NHS Wales Informatics Service'.

To remove any reference to 'National Assembly for Wales' or 'Welsh Assembly Government' and replace with the correct and current naming convention of 'Welsh Government'.

Data Dictionary Version

Where applicable, this DDCN reflects changes introduced by DDCN and/or DSCN since the release of version 4.1 of the NHS Wales Data Dictionary.

The changes introduced by such DDCNs will be published in version 4.2 of the NHS Wales Data Dictionary.

Section 1: Table reflecting areas that are impacted as a result of this DDCN

The following table shows all parts of the dictionary, including data sets, data items, terms and other associated areas that are linked with the changes documented within this DDCN.

Each dictionary section and data definition type is listed in alphabetical order and is shown in the sequence in which it appears in this DDCN.

Data Definition Type	Name	New/Retired/Changed	Page Number
Cancer Multiple Destination Reporting Requirements (Core and site specifics)	Identification of Patient	Changed	3
Data Items (A-Z)	GDP Registration Number	Changed	8
Data Items (A-Z)	General Medical Practitioner (Antenatal Care)	Changed	9
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Section 2: Highlighted changes to be made to the NHS Wales Data Dictionary

Changes to the NHS Wales Data Dictionary are detailed below, with new text being highlighted in **blue** and deletions are shown with a ~~strikethrough~~. The text shaded in **grey** shows existing text copied from the NHS Wales Data Dictionary.

Changes to Cancer Multiple Destination Reporting Requirements

Identification of Patient

	Reporting Data Item	Business Justification	Definition Note: Where 'NHS Wales Data Dictionary' the definition is as per the Data Dictionary.	Permissible Values
1. IDENTIFICATION OF PATIENT				
1.0 ENCDv4.5b (1.1) SPDCv1.0 (1.1)	NHS number	Used for unique identification to match records from different providers. To allow 'tracking' through the clinical pathway.	It is mandatory to record the NHS number for each patient. The NHS number is allocated to an individual, to enable unique identification for NHS health care purposes.	NHS Wales Data Dictionary
1.1 ENCDv4.5b (1.10) SPCDv1.0 (1.2)	Birth date	Used for unique identification to match records from different providers. Used to enable age at diagnosis to be established for epidemiological and survival analyses.	Date of birth of patient.	NHS Wales Data Dictionary
1.2 ENCDv4.5b (1.9) SPCDv1.0 (1.3)	Sex	Used for unique identification to match records from different providers. Used to enable sex to be established for survival analysis. Assists in the correct identification of gender specific primary cancer sites.	This is the sex of person, employee or patient.	NHS Wales Data Dictionary <ul style="list-style-type: none"> • Male • Female • Not specified

<p>1.3 ENCDv4.5b (1.12)</p> <p>SPCDv1.0 (1.4)</p>	<p>GP practice code</p>	<p>To enable analysis by GP practice code. To enable the healthcare professionals to contact the GP practice and share patient information.</p>	<p>A code which uniquely identifies the GP Practice of the GP. Code as listed for Practices in Wales. These are updated monthly by the Information Products Unit of HSW-NHS Wales Informatics Service with information supplied by the Organisation Data Service (ODS) and can be viewed on the Health Reference Data Web Pages on HOWIS.</p>	<p>NHS Wales Data Dictionary</p>
<p>1.4 ENCDv4.5b (1.15)</p> <p>SPCDv1.0 (1.5)</p>	<p>Ethnic group</p>	<p>To enable analysis by ethnicity.</p>	<p>This is the ethnic group of the patient, as selected by the patient. The patient is the arbiter of the information. Classifications are based on the 14+1 new ethnic group data categories used in the 2001 Census and the information recorded about ethnic group must be obtained by asking the patient.</p>	<p>NHS Wales Data Dictionary</p> <ul style="list-style-type: none"> • Any white background • Mixed white and black Caribbean • Mixed white and black African • Mixed white and Asian • Any other mixed background • Indian and British Indian • Pakistani or British Pakistani • Bangladeshi or British Bangladeshi • Any other Asian background (other than Chinese) • Black Caribbean or black British Caribbean • Black African of black British African • Any other black background • Chinese • Any other ethnic group • Not stated

<p>1.5 ENCDv4.5b (1.2)</p> <p>SPCDv1.0 (2.1)</p>	<p>Case record number</p>	<p>Used for unique identification to link events within a single service provider. To allow 'tracking' through the clinical pathway.</p>	<p>This is the patient's case record number which is unique to that patient within a hospital or health care provider.</p>	<p>NHS Wales Data Dictionary</p>
<p>1.6 ENCDv4.5b (1.5 & 1.6)</p>	<p>Patient's name(s)</p>	<p>Used for unique identification to link records where the new NHS number is not available. To assist 'tracking' through the clinical pathway.</p>	<p>This will be the patient's preferred name. The patient is the arbiter of his/her name.</p>	<p>NHS Wales Data Dictionary</p>

1.7 ENCDv4.5b (1.7)	Patient's address at date of diagnosis	Used to enable the address at diagnosis to be established for epidemiological and survival analyses.	<p>This is the usual address nominated by the patient at the time of admission or attendance. If patients usually reside elsewhere are staying in hotels, hostels or other residential establishments for a short term, say a week, they should be recorded as staying at their usual place of residence. However if long term, such as at boarding school, the school address must be recorded. University students may nominate either their home address or the address of their university accommodation. Where patients are not capable of supplying this information, because of age or mental illness, for example, then the person responsible for the patient, such as a parent or guardian, should nominate the usual address. Patients not able to provide an address should be asked for their most recent address. If this cannot be established then you should record the address as `No fixed abode' or `Address unknown'. These patients are regarded as resident in the local geographical district for contracting purposes. For birth episodes this should refer to the mother's usual place of residence.</p>	NHS Wales Data Dictionary
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<p>1.8 ENCDv4.5b (1.8)</p>	<p>Patient's postcode at date of diagnosis</p>	<p>Used to enable the postcode at diagnosis to be established for epidemiological and survival analyses.</p>	<p>The postcode applied to the usual address nominated by the patient at the time of admission or attendance, using rules supplied under the data item POSTCODE and those in the NHS Postcode User Directory.</p>	<p>NHS Wales Data Dictionary</p>
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Changes to Data Items

GDP Registration Number

General Dental Practitioner – GDP

A qualified dental practitioner registered with the General Dental Council and issued with a Practitioner identifier by the NHSBSA Dental Practice Division (DPD). This code is used as the 'Referrer Code' for referrals made to the Local Health Board/Trust.

Format: 8 character alpha-numeric

Value	Meaning
DNNNNNNN	A code issued by the NHSBSA Dental Practice Division (DPD) for practising GDP's in Wales and England. The codes are available from the Information Products Unit of HSW – the NHS Wales Informatics Service or via the Intranet Service HOWIS.

Structure

Each GDP code begins with the letter D.

The 2nd to 7th characters are the DPD Practitioner Identifier and the eighth character is a check digit. Check digits are obtained using the 137137 algorithm as follows:

First numeric character

+ 3 times second (numeric) character

+ 7 times third character

+ fourth numeric character

+ 3 times fifth character

+ 7 times sixth character

The check digit is then the unit of the result of this calculation. For example, if a DPD is 334512, then the check digit is computed by:

$3 + 3*3 + 7*4 + 5 + 3*1 + 7*2 = 62$ – the check digit is 2 and the full code would be: D3345122.

See [Referrer Code](#)

See [GDC Registration Number](#)

General Medical Practitioner (Antenatal Care)

This data item is / was included in the following data sets / collections between the dates shown:

Data Set / Collection	Valid From	Valid To
APC ds99	1 st April 1999	

This is the code of the GP responsible for the antenatal care of the patient.

Format: 8 character alpha-numeric

Value	Meaning
GNNNNNNN	A code issued by the Department of Health (DH) for practising GP's in Wales and England. The codes are available from the Information Products Unit of HSW the NHS Wales Informatics Service or via the Intranet service HOWIS.

See [GP Code \(Antenatal Care\)](#)

General Medical Practitioner (Registered)

This data item is / was included in the following data sets / collections between the dates shown:

Data Set / Collection	Valid From	Valid To
APC ds99	1 st April 1999	
EAL ds	1 st April 1999	
OP ds	1 st April 1999	

This is the code of the GMP with whom the patient is registered.

Format: 8 character alpha-numeric

Value	Meaning
GNNNNNNN	A code issued by the Department of Health (DH) for practising GP's in Wales and England. The codes are available from the Information Products Unit of HSW the NHS

Wales Informatics Service or via the
Intranet service HOWIS

See [GP Code](#)

See [GP Code \(Referring\)](#)

See [GP Code \(Registered\)](#)

See [Referrer Code](#)

GP Code

For information

This is the Department of Health code for the GP.

Format: 8 character alpha-numeric

Value	Meaning
GNNNNNNN	A code issued by the Department of Health (DH) for practising GP's in Wales and England. The codes are available from the Information Products Unit of HSW the NHS Wales Informatics Service or via the Intranet service HOWIS
G9999981	No registered GP

Note 1: MOD and prison doctors are not GMPs and should not be recorded as Registered GMPs. In this instance use the default code of G9999981' is to be used.

Note 2: When a locum refers, use the code of the GP for whom the locum is acting.

New GP's: where a new GP has joined a practice and no code is available in the HSW NHS Wales Informatics Service GP directory the following options are available:

1. Contact the appropriate Local Health Board and ask for a code.
2. If this fails contact the Shared Services Prescription Pricing Unit of HSW NHS Wales Shared Services Partnership for a code. Tel (029) 2045 6039
3. As a last resort code the senior partner

Structure

Each GP code begins with the letter G.

The 2nd to 7th characters are the DH Index Number. Index Numbers and addresses are issued quarterly by the Prescription Pricing Authority (PPA). The eighth character is a check digit calculated thus:

First numeric character

+ 3 x second character

+ 7 x third character

+ 1 x fourth character

+ 3 x fifth character

+ 7 x sixth character

The check digit is then the unit digit (last digit) of the result of this calculation.

e.g. PPA code 334512. Check digit is computed by:

$$3 + (3 \times 3) + (7 \times 4) + 5 + (3 \times 1) + (7 \times 2) = 62$$

The check digit is 2 and the full code G3345122.

NHS Number

This data item is / was included in the following data sets / collections between the dates shown:

Data Set / Collection	Valid From	Valid To
APC ds99	1 st April 1999	
EAL ds	1 st April 1999	
OP ds	1 st April 1999	
OPR ds	1 st July 2008	
EDDS	1 st April 2009	

It is mandatory to record the NHS Number for each patient registered with a GP practice in England and Wales. The NHS number is allocated to an individual, to enable unique identification for NHS health care purposes.

This NHS Number format was mandated for use effective 1st November 1997. Prior to this, the NHS Number was an alphanumeric code which ranges in size from 10 – 17 characters.

If known, the patient's Health and Care Number should be used to populate this field for patients resident in Northern Ireland.

If known, the patient's Community Health Index (CHI) Number should be used to populate this field for patients resident in Scotland.

Format: 10 digit numeric

See [Health and Care Number](#)

See [Community Health Index \(CHI\) Number](#)

Check Digit Algorithm

(This algorithm applies to the Welsh and English NHS Number and the Northern Ireland Health & Care Number. The check digit algorithm for the Scottish CHI Number is available on request from the ~~Information Products Unit of Health Solutions Wales~~ NHS Wales Informatics Service.)

Step 1 Multiply each of the first nine digits by a weighting factor as follows:

Digit Position (starting from the left)	Factor
1	10
2	9
3	8
4	7
5	6
6	5
7	4
8	3
9	2

Step 2 Add the results of each multiplication together

Step 3 Divide the total by 11 and establish the remainder

Step 4 Subtract the remainder from 11 to give the check digit

Step 5 Check the remainder matches the check digit. If it does not, the number is invalid.

If the result of Step 4 is 11 then a check digit of 0 is used

If the result of Step 4 is 10 then the number is invalid and not used

Organisation Code

Unique identifier for each organisation or site within an organisation.

(Local Health Board / Trust) Code

Code as listed by the Organisation Data Service (ODS). English and Welsh Local Health Board / Trust codes can be viewed on the Health Reference Data Web Pages on HOWIS.

Format: 3 character alpha-numeric

(Local Health Board / Trust) Site Code

This provides a unique identifier of each site for an organisation. Codes as listed by the Organisation Data Service (ODS). English and Welsh Local Health Board / Trust Site codes can be viewed on the Health Reference Data Web Pages on HOWIS.

Format: 5 character alpha-numeric. Where it is necessary to report only a 3 character Local Health Board / Trust Code include two zeros in the 4th and 5th character positions.

GP Practice Code

A code which uniquely identifies the GP Practice of the GP.

Code as listed for Practices in Wales. These are updated monthly by the Information Products Unit of HSW NHS Wales Informatics Service with information supplied by the Organisation Data Service (ODS) and can be viewed on the Health Reference Data Web Pages on HOWIS.

Codes for Practices in England are available from the Information Products Unit of HSW NHS Wales Informatics Service.

Format: 6 character alpha-numeric

Default Codes:

Value	Meaning
V81998	Practice not applicable. i.e. MOD or Prison GP
V81999	Practice code is unknown

Where a 5 character code is used, it should be left justified and padded with a space.

Dental Practice Code

The code described by the Organisation Data Service (ODS) as a Dental Practice Code identifies an individual dental practice location. This code should be used as the 'Referring Organisation Code' for referrals made to the Trust.

Format: 6 character alpha-numeric

The first character is set as a V

Characters 2 to 6 are the last 5 digits of the Location ID taken from a Provider Dentist Contract number

Changes to Data Sets / Aggregate Data Collections

Background

The National Child Health System is a complex system which supports the delivery of child health services and is run by many Health Professional groups across Wales and other parts of the UK at their Local Health Board/ Trust locations.

The system provides a database of all children born in, resident in or receiving services in their relevant Local Health Boards. The system aids the scheduling of appointments for immunisation and developmental screening, school health services and special needs review. Clinical results are recorded on the system.

In 1999, a new Windows NT/Oracle version of the system was developed. This new system was to facilitate the extraction of data and have the capability to link to other information systems. As well as standard reporting, the technology used allows users to create their own reports using standard end reporting tools.

This Oracle-based Community Child Health (CCH) 2000 System is maintained/enhanced and supported by the Child Health Team, at HSW the NHS Wales Informatics Service.

In Wales, every Welsh Local Health Board has its own CCH2000 database.

The core system consists of:

- a Child Register which provides the database of all children born in, resident or receiving services in a defined locality. A Notification of Birth (or Movement- In details from a previous locality) creates the record on the Child Register and this is the foundation for all the other service modules.
- an Immunisation module which schedules all immunisation appointments automatically at the appropriate time, and records details of all immunisations given.
- a Pre-School Health module which schedules and monitors the subsequent development of the child in terms of systematic examination. This module includes screening of developmental examinations and any referral and final diagnosis. All results are recorded, including any special needs of children
- a School Health module which schedules and records data on any School Health activities.
- a Special Needs module which can be used to record all children with special developmental, physical or social needs and for scheduling reviews. Such information can be shared with Educational and Social Services as well as acting as a basis as a joint register.

Data items are input to the Child Health System from various sources. The initial source of data is the maternity department where Notifications of Birth are produced, as are Neonatal Discharge Forms. The next source of data are the Health Visitors who begin sending information on the child at the ten-day visit and then continue inputting information on all medicals and screening tests that are carried out. GPs are a further source sending information on Immunisation and Medicals that they perform as well as information on Significant Diagnoses. Information on names is provided by the parents and also by the Registrar of Births. Schools attended are provided by the Local Education Authority whilst information on Special needs can be provided by the Social Services departments. Finally much information is provided by staff in the Community Health Offices, especially information obtained from other Local Health Boards in respect of children who move into the Local Health Board.

As each Local Health Board has its own CCH2000 database, there is no national database of information on the Health of Children in Wales. Consequently, there is no standard data set or format for monitoring and evaluating child health promotion programmes. There is no consistent set of data available for the establishment of some key indicators of the health status of the children in Wales.

The Child Health Information Requirements Project (CHIRP) was initiated by the Welsh Assembly Government to identify the actions needed to ensure the future of an All-Wales database and to increase the quality of the data contained in this database.

The main conclusion of the project was that a central Child Health database should be created by pulling together selected information from the locally managed CCH databases. Since data relating to children will be utilised in many different systems and clinical records, it becomes imperative to establish standardised protocols for data items, their coding, size, format and definition.

This database will be known as the National Community Child Health Database (NCCHD). The software needed to enable the extraction of data from the CCH systems and to build the database, will be written and supported by the Child Health Team at HSW the NHS Wales Informatics Service.

The first extracts into the NCCHD will commence on 1st April 2004.

DT Monthly Data Collection – Details of Return

Field Order	Format
Data Reference	2 character alpha
Return Date	Ccyymmdd
Hospital Site	Max 50 character alpha numeric
Organisation Code (LHB Area of Residence)	3 character alpha numeric characters (**)
Organisation Code (Code of Provider)	3 character alpha numeric
Service Heading	alpha numeric
Sub Heading	alpha numeric
Weeks Wait	alpha numeric
Count	numeric

All files are to be submitted in CSV format, without a header record.

The file will be identified by the following naming conventions: -

DTxxxmmyy.csv

Where:

xxx = Local Health Board/Trust Code

mm = number of the month to which the data relates

yy = last two digits of the year

Reports should be sent to reach ~~Health Solutions Wales~~ **the NHS Wales Informatics Service** no later than the tenth working day of each month.

Only include details of those services which you provide. Where a Local Health Board/Trust does provide a service at a particular site but there are nil patients waiting, a zero should be placed in the zero week wait timeband.

** - It is not essential for Local Health Boards /Trusts to complete this item but is desirable if possible.

[Services](#)

Inpatient and Daycase Admissions and First Outpatient Appointments Waiting Times (PP01W) - Details of Return

Field Order	Format
Data Reference	2 character alpha
Return Date	Ccymmdd
Organisation Code (LHB Area of Residence)	3 character alpha numeric
Organisation Code (Code of Provider)	3 character alpha numeric
Main Specialty (Consultant)	3 digit numeric
Weeks Wait	3 digit numeric
Data Reference	alpha numeric
Count	Numeric

*If the count is zero for a weeks wait time band, a row for that weeks wait data should not be submitted.

Scope:

This data is required to be reported for the following specialties:-

- 141 Restorative Dentistry Inpatients/day case admissions only
- 142 Paediatric Dentistry Inpatients/day case admissions only
- 143 Orthodontics Inpatients/day case admissions only
- 315 Palliative Medicine
- 700 Mental Handicap
- 710 Mental Illness
- 711 Child & Adolescent Psychiatry
- 712 Forensic Psychiatry
- 713 Psychotherapy
- 715 Old Age Psychiatry

The **NHS Wales Informatics Service** ~~Business Services Centre (BSC)~~ will provide datasets relating to the last day of each month to the **Welsh Government** ~~National Assembly for Wales~~ no later than 10 working days after the end of the month. To enable the ~~BSC to meet this timetable to be met~~, Local Health Boards /Trusts should provide data to **the NHS Wales Informatics Service** ~~BSC~~ local offices no later than 7 working days after the

end of the month. (Data for December will need to be supplied in a shorter timescale).

All files should be sent in the form of a comma separated text file (csv format), i.e. in which the values in each field are separated by commas, and e-mailed to:

stats.health@wales.gsi.gov.uk

Files should be named as: xxxxxmmmyy.csv

Where: xxxxx = the BSC local office code

mmm = first three letters of the month to which the data relates, e.g. Apr for the first submission of data relating to waiting times at end of April.

yy = last 2 digits of the year

Changes to NHS Wales Indicators

Quest 1 - Hospital/Clinic Indicators

QueSt 1 represents a service developed by the Information Products Unit at Health Solutions Wales NHS Wales Informatics Service (formerly WHCSA and then Health Solutions Wales). The service was developed as a joint venture with ACUITY Healthcare, whereby data and indicators developed by Information Products? are presented, using the Quarterly QS1 Bed Use Statistics national database as the single source.

Management Information in this form has been incorporated into an Executive Information System (EIS) for *comparative* analysis of indicators, and for *quarterly release* to allow for on-going benchmarking of in-year activity, performance and capacity.

Virtually no programming knowledge is required to use the system; a simple WINDOWS based development, showing bar charts, tables, graphs and comparisons of peer groups, all easily accessed - via point and click WINDOWS functionality. Printing is also handled by WINDOWS - to a printer or for incorporation into reports and documents.

Such a system allows for ease of direct access to a set of indicators by Senior Managers in NHS Organisations, such as Chief Executives, Directors of Finance, Business, Quality or Nursing Services and Information Managers.

Users can contact the QueSt 1 Technical Helpline in case of difficulty, Russell Brown WHTN 1790 3348 (029 20503348).

Multiple Users and Licensing

The subscription to the QueSt 1 service includes a single run time licence for the Acuity EIS software. The Acuity software will run either on a stand-alone PC or on a network. In the network environment, the licence refers to a single concurrent user.

[Beds](#)

[Amenity Beds and Pay Beds](#)

[Maternity](#)

[Regular Day and Night Admissions](#)

Additional Information:

Please address enquiries about this DDCN to: -

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You can find changes made to the NHS Wales Data Dictionary via the following link:
<http://www.datadictionary.wales.nhs.uk/>