

WELSH INFORMATION STANDARDS BOARD

DSC Notice:	DSCN – 2016 / 05
Date of Issue:	11 th October 2023

Ministerial / Official Letter: n/a	Subject: The International Classification of Diseases Tenth Revision (ICD-10) 5 th Edition
Sponsor: Sally Greenway Head of Information Standards Welsh Government	
Implementation Date: 1 st April 2016	

DATA SET CHANGE NOTICE

A Data Set Change Notice (DSCN) is an information mandate for a new or revised information standard.

This DSCN was approved by the Welsh Information Standards Board (WISB) at its meeting on Thursday 4th February 2016.

WISB Reference: ISRN: 2016 / 01

Summary:

To introduce the International Classification of Diseases Tenth Revision (ICD-10) 5th Edition across NHS Wales.

Data sets / returns affected:

Admitted Patient Care Data Set (APC ds)
Outpatient Activity Data Set (OP ds)

Please address enquiries about this Data Set Change Notice to the Data Standards Team in the NHS Wales Informatics Service.

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The Welsh Information Standards Board is responsible for appraising information standards. Submission documents and WISB Outcomes relating to the approval of this standard can be found at: <http://howis.wales.nhs.uk/sites3/page.cfm?orgid=742&pid=24632>

DATA SET CHANGE NOTICE

Introduction

The International Classification of Diseases is an international statistical classification owned by the World Health Organisation (WHO). ICD-10 is used to support secondary uses analyses and requirements, such as research, epidemiology, operational and strategic planning, resource utilisation and performance management. It may also be used locally for a range of operational uses.

The current version was introduced in Wales in 2012 and is used by clinical coders to classify diagnoses to support the collection of information for secondary uses. All Admitted Patient Care Data Set (APC ds) (e.g. inpatient, day case) episodes must be coded to the mandated version of ICD-10. It may also be used for other centrally returned data set items, such as the Outpatient Data Set (OP ds), as defined in the NHS Wales Data Dictionary.

In 2015 the WHO released an updated version of the ICD-10 classification. The Clinical Classifications Service (CCS) in the Health and Social Care Information Centre (HSCIC) worked closely with WHO, Scotland and Wales Classifications leads, the NHS, software suppliers and certified clinical coding trainers (both NHS and commercial) to enable the new version to be introduced across the UK on 1st April 2016. The new version is called ICD-10 5th Edition.

The WHO ICD-10 5th Edition publication reflects improvements to the classification to reflect latest clinical knowledge and improved indexing of conditions for clinical coders.

The WHO updates to the published volumes of ICD-10 are available as annual lists of changes. The ICD-10 5th Edition incorporates all changes up to and including those designated for 2014 implementation, as detailed in the combined lists at:

<http://www.who.int/classifications/icd/icd10updates/en/index.html>

The updated classification introduces a range of changes designed to more closely reflect current clinical language and the recording of disease injury. The majority of changes are minor and represent improvements to reflect latest clinical knowledge, better indexing of conditions and aid coding of diagnostic information. A detailed list of the changes can be accessed via the CCS site below:

<http://www.connectingforhealth.nhs.uk/systemsandservices/data/clinicalcoding/codingstandards/icd10/sumchanicd10vap1.pdf>

The changes to the vast majority of ICD-10 codes and their descriptors introduced in ICD-10 5th Edition are considered to be minimal. However, the most significant change for NHS Wales is the removal from the classification of morphology codes.

Morphology codes (i.e. those codes identifying the tissue type and behaviour of a neoplasm) are no longer contained within ICD-10 5th Edition. The morphology codes contained in previous versions of ICD-10 were taken from the International Classification of Diseases for Oncology, second edition (ICD-O-2). This classification was updated and replaced with the International Classification of Diseases for Oncology, third edition (ICD-O-3) in 2000, meaning that the codes contained in ICD-10 (being used by the NHS Wales coding service to classify morphologies) were outdated. In light of this, WHO made the decision to remove morphology codes from ICD-10 in order to encourage users of this outdated classification to transition to ICD-O-3 where there was a requirement to capture morphology information .

The removal of morphology codes from ICD-10 5th Edition presented NHS Wales with an immediate challenge. Unlike NHS England and Scotland, where morphology coding is undertaken centrally by their respective cancer registries, Welsh clinical coding staff based in Health Boards / Trusts capture this information. The data are crucial for the Welsh Cancer Intelligence and Surveillance Unit (WCISU), who receive and process these data in support of the statutory national cancer registration role. Therefore, any withdrawal of the requirement to capture morphology information locally would require extensive changes to current processes and resources as to the recording of these codes.

Following extensive review and discussion between all affected organisations, a proposal was sent to the NHS Informatics Management Board (NIMB) in December 2015 outlining a planned handover for the responsibility of capturing morphology data from Welsh Health Boards to WCISU. This proposal was approved; further implementation planning subsequently confirmed a proposal whereby the clinical coding service will continue to assign morphology codes (using the pre-existing ICD-10 4th Edition (ICD-O-2) morphology codes) until December 31st 2016, at which point WCISU will assume full responsibility for the assignment of morphology codes. This transition period will enable WCISU to establish the required staffing levels to assume responsibility for central coding of morphology, as well as aligning the organisational change with their statutory cancer registration responsibilities, which are based on the reporting of information by calendar year.

In order to ensure that the classification is in line with UK National Coding Standards the CCS requires users to make a number of amendments to volume 1 (tabular list) and volume 3 (alphabetical index). This errata is contained in the Coding Clinic and can be accessed at:

<http://systems.hscic.gov.uk/data/clinicalcoding/codingstandards/publications/codingclinic>

Further information on the outstanding issues associated with the new classification and how they should be handled by Welsh clinical coders will be communicated by Clinical Coding Changes Notice (CCCN).

Users of ICD-10 data such as the NHS Wales Informatics Service (NWIS) and the Health Statistics & Analysis Unit (HSA), Welsh Government, will need to modify their analyses and any associated publications to reflect changes introduced by ICD-10 5th Edition

The release of ICD-10 combined codes and titles and metadata file for the Service and NHS system suppliers and Tables of Equivalences between versions for analysis purposes are available via the Technology Reference Data Update Distribution (TRUD) Service. TRUD is subject to registration and acceptance of terms and conditions and can be accessed via the following link:

<https://isd.hscic.gov.uk/trud3/user/guest/group/0/home>

NCS has made available a 5th Edition update presentation, which is designed for use alongside the documents referenced previously by managers, clinical coders and clinical coding trainers to inform them with regards to the changes in 5th Edition. This is available via TRUD (see link above) or directly via the following link:

<http://systems.hscic.gov.uk/data/clinicalcoding/codingstandards/icd10/icd10updates>

Description of Change

To implement clinical classification coding of diagnostic information within the APC ds, OP ds and other affected data returns using ICD-10 5th Edition across NHS Wales, effective from 1st April 2016.

Data Dictionary Version

Where applicable, this DSCN incorporates changes already introduced by DSCN and/or DDCN since the release of version 4 of the NHS Wales Data Dictionary.

The changes introduced by such DSCNs will be published in version 4.19 of the NHS Wales Data Dictionary.

Actions Required

Actions for the NHS Wales Informatics Service (NWIS):

- Introduce the necessary processes and infrastructure to support the use and publication of ICD-10 5th Edition codes for data users.
 - Ensure all affected national data processing tools, systems and reports such as Validation at Source Service, Reference Data tables, ePEDW and all clinical coding reports are updated to reflect the implementation of ICD-10 5th Edition.
- Provide all current welsh clinical coders and information departments with the WHO ICD-10 5th Edition index (volume 1), instruction (volume 2) and tabular list (volume 3) manuals [**already completed**].
- Ensure its Clinical Classifications and Business Intelligence teams work collaboratively to ensure all analyses are updated to reflect the introduction of ICD-10 5th Edition.
- Develop materials to facilitate engagement with clinicians and other users to raise awareness of the updated classification in order to maximise the benefits from its introduction.

Actions for Local Health Boards / Trusts:

- Ensure their patient administration systems, other affected IT systems and any associated encoding systems are upgraded to enable the capture and reporting of ICD-10 5th Edition codes, effective from 1st April 2016, i.e.
 - For Admitted Patient Care Data Set, Finished Consultant Episodes (FCEs) ending on and after 1st April 2016.
 - For Outpatient DS Attendances occurring on and after the 1st April 2016.
- Ensure clinical coding and information departments work collaboratively to ensure all analyses are updated to reflect the introduction of ICD-10 5th Edition
- Engage with clinical and other relevant staff to raise awareness of the updated classification in order to maximise the benefits from its introduction.

- Ensure clinical coders and maintain their knowledge through use of centrally provided self teach materials.

Actions for Welsh Government (Health Stats / Performance):

- Ensure any uses such as analysis, publication, grouping and indicator development reflect the introduction of ICD-10 5th Edition and are appropriately caveated.

Actions for WCISU:

- Ensure data collection processes and systems are in place to allow the handover of responsibility for the assignment of morphology codes described above to take place effective from 1st January 2017.
- Ensure all necessary organisational changes are undertaken prior to 31st December 2016 in order for staff to begin assigning morphology codes as of the 1st of January 2017.

Appendix A: 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 Data Items

Primary ICD Diagnostic Code

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	1st April 1999	
OP ds	1st April 1999	

This is the patient diagnosis for:

- the main condition treated or investigated during the relevant episode of healthcare and;
- where there is no definitive diagnosis, the main symptom, abnormal findings or problem.

It is a classification of diseases, injuries and causes of death according to the 10th Revision of International Statistical Classification of Diseases and Health Related Problems (ICD10).

ICD Version	Valid From	Valid To
ICD-9		30 th September 1994
ICD-10	1 st August 1994	30 th June 2012
ICD-10 4 th Edition	1 st July 2012	31 st March 2016
ICD-10 5 th Edition	1 st April 2016	

Format: 6 character alpha-numeric

Value	Meaning
ANNXXX	ICD10 code
Spaces	Not applicable
Character position	Valid Values
1	A-Z
2-3	00-99
4	0-9, or 'X' if absent
5	0-9, or space if absent
6	A, D or space

See [Diagnosis](#)

Secondary ICD Diagnostic Code

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	1st April 1999	
OP ds	1st April 1999	

This is a classification of diseases, injuries and causes of death according to the 10th Revision of International Statistical Classification of Diseases and Health Related Problems (ICD10).

Please note that a subsidiary field can be used for the recording of asterisk codes (when linked to the primary dagger code) or for external cause codes when linked to primary diagnosis.

Any other secondary diagnosis is entered into the 1st, 2nd, 3rd secondary fields.

ICD Version	Valid From	Valid To
ICD-9		30 th September 1994
ICD-10	1 st August 1994	30 th June 2012
ICD-10 4 th Edition	1 st July 2012	31 st March 2016
ICD-10 5 th Edition	1 st April 2016	

Format: 6 character alpha-numeric

Value	Meaning
ANNXXX	ICD10 code
Spaces	Not applicable

See [Diagnosis](#)

Subsidiary ICD Diagnostic Code

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	1st April 1999	
OP ds	1st April 1999	

This is the subsidiary diagnosis code. A subsidiary field can be used for the recording of asterisk codes (when linked to the primary dagger code) or for external cause codes when linked to primary diagnosis.

Any other secondary diagnosis is entered into the 1st, 2nd, 3rd secondary fields.

It is a classification of diseases, injuries and causes of death according to the 10th Revision of International Statistical Classification of Diseases and Health Related Problems (ICD10).

ICD Version	Valid From	Valid To
ICD-9		30 th September 1994
ICD-10	1 st August 1994	30 th June 2012
ICD-10 4 th Edition	1 st July 2012	31 st March 2016
ICD-10 5 th Edition	1 st April 2016	

Format: 6 character alpha-numeric

Value	Meaning
ANNXXX	ICD10 code (or compatible code)
Spaces	Not applicable
Character position	Valid Values
1	A-Z
2-3	00-99
4	0-9, or 'X' if absent
5	0-9, or space if absent
6	A, D or space

See [Diagnosis](#)
