

# WELSH INFORMATION STANDARDS BOARD

<b>DSC Notice:</b>	DSCN – 2012 / 04
<b>Date of Issue:</b>	30 <sup>th</sup> May 2012

<b>Ministerial / Official Letter:</b> n/a	<b>Subject:</b> The International Classification of Diseases Tenth Revision (ICD-10) 4 <sup>th</sup> Edition
<b>Sponsor:</b> Gwyn Thomas Chief Information Officer Welsh Government	
<b>Implementation Date:</b> 1 <sup>st</sup> July 2012	

## 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 19<sup>th</sup> April 2012

**WISB Reference:** ISRN: 2012 / 01

### Summary:

To introduce the International Classification of Diseases Tenth Revision (ICD-10) 4<sup>th</sup> 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 1995 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.

The Coalition Manifesto for the NHS in England included a commitment to introduce a newer version in 2012. The NHS Classifications Service (NCS) in NHS Connecting for Health (CfH) 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 in England on 1<sup>st</sup> April 2012. The new version is called ICD-10 4<sup>th</sup> Edition.

The WHO ICD-10 4<sup>th</sup> 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 4<sup>th</sup> Edition incorporates all changes up to and including those designated for 2010 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, including some notable changes to the recording of the behaviour (morphology) of neoplastic disease. It also introduces some key changes to some of the rules associated with the classification, such as the coding of diseases and their related manifestations ("dagger" and "asterisk" coding). A detailed list of the changes can be accessed via the NCS document below:

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

NCS have found a number of errors in the published materials associated with the new classification. The April 2012 Coding Clinic includes a section of ICD-10 4<sup>th</sup> Edition Errata and can be accessed at:

<http://www.connectingforhealth.nhs.uk/systemsandservices/data/clinicalcoding/codingstandards/publications/codingclinic/cc042012.pdf>

Furthermore, the definitions of transport accidents and the classification and coding instructions for transport accidents are missing from the published ICD-10 4th Edition Volume 1 Tabular List. The WHO has provided a separate pamphlet that should be printed and inserted into the Tabular List for immediate use by Welsh clinical coders. This additional guidance can be accessed via the following link:

<http://www.connectingforhealth.nhs.uk/systemsandservices/data/clinicalcoding/codingstandards/icd10/icd10updates/transpacc.pdf>

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 4<sup>th</sup> 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:

<http://www.uktcregistration.nss.cfh.nhs.uk/trud3>

NCS has made available a range of self-teach materials, which are designed to inform current clinical coders. These are available via TRUD (see link above) or directly via the following link:

<http://www.connectingforhealth.nhs.uk/systemsandservices/data/clinicalcoding/codingstandards/icd10/icd10updates/icd104edtr>

Following an Impact Assessment in relation to the implementation of ICD-10 4<sup>th</sup> Edition, it has been recognised that there are a number of issues with regards to the submission and processing of ICD-10 codes in central returns. A separate DSCN will follow to address these issues.

### 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 4<sup>th</sup> Edition across NHS Wales, effective from 1<sup>st</sup> July 2012.

### 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 4.1 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 4<sup>th</sup> 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 10-4<sup>th</sup> Edition.
- Provide all current welsh clinical coders and information departments with the WHO ICD-10 4<sup>th</sup> Edition index (volume 1), instruction (volume 2) and tabular list (volume 3) manuals.
- Provide all current Welsh clinical coders with a copy of the new National Clinical Coding Standards: ICD-10 4<sup>th</sup> Edition reference manual.
- Provide ICD-10 4<sup>th</sup> Edition awareness training to all current clinical coders (completion targeted for April 2012)
- Ensure its Clinical Classifications and Business Intelligence teams work collaboratively to ensure all analyses are updated to reflect the introduction of ICD 10 4<sup>th</sup> 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 4<sup>th</sup> Edition codes, effective from 1<sup>st</sup> July 2012, i.e.
  - For Admitted Patient Care Data Set, Finished Consultant Episodes (FCEs) ending on and after 1<sup>st</sup> July 2012.
  - For Outpatient DS Attendances occurring on and after the 1<sup>st</sup> July 2012.
- Ensure Clinical Coding and Information Departments work collaboratively to ensure all analyses are updated to reflect the introduction of ICD 10 4<sup>th</sup> 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 attend the classroom based awareness training 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 4<sup>th</sup> Edition and are appropriately caveated.

## **Appendix A: Table reflecting areas that are impacted as a result of this DSCN**

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

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

<b>Data Definition Type</b>	<b>Name</b>	<b>New / Retired / Changed</b>	<b>Page</b>
Data Items	Diagnosis (ICD10)	Retired	6
Data Items	Primary ICD Diagnostic Code	Changed	7
Data Items	Secondary ICD Diagnostic Code	Changed	7
Data Items	Subsidiary ICD Diagnostic Code	Changed	8

## Appendix B: 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

#### Diagnosis (ICD10)

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

Format: 6 character alpha-numeric

Value	Meaning
ANNXX	ICD10 code (or compatible code)
Spaces	Not applicable

Validation rules are as follows:

Primary Diagnosis field	
<b>Character position</b>	<b>Valid Values</b>
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
<b>Subsidiary Diagnosis field</b>	
<b>Character position</b>	<b>Valid Values</b>
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
1-6	spaces (if field not used)

Notes: Besides the alphanumeric 3 and 4 digits ICD codes for disease, there also exist alphanumeric codes to indicate injury and poisoning. Also incorporated in the classification are alpha-numeric codes to identify external causes of morbidity and mortality and factors influencing health status and contact with health services.

## 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 <sup>th</sup> September 1994
ICD-10	1 <sup>st</sup> August 1994	30 <sup>th</sup> June 2012
ICD-10 4 <sup>th</sup> Edition	1 <sup>st</sup> July 2012	

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](#)

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## 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	
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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 <sup>th</sup> September 1994
ICD-10	1 <sup>st</sup> August 1994	30 <sup>th</sup> June 2012
ICD-10 4 <sup>th</sup> Edition	1 <sup>st</sup> July 2012	

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 <sup>th</sup> September 1994
ICD-10	1 <sup>st</sup> August 1994	30 <sup>th</sup> June 2012
ICD-10 4 <sup>th</sup> Edition	1 <sup>st</sup> July 2012	

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](#)

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