

ICD-11 Update

Message from the Director



On 31 May 2016, the WHO Executive Board discussed the Secretariat's Report, "International Statistical Classification of Diseases and Related Health Problems: update on the eleventh revision". An overview of the discussion is included in this newsletter. The full text can be found here:

http://apps.who.int/gb/ebwha/pdf_files/EB139/B139_7-en.pdf.

The comments of the Executive Board underscored how important ICD is to Member States and global health. Valuable feedback from Member States was received about the role of ICD in health systems, from delivering essential population health statistics, to underpinning health financing. Member States noted that ICD must be capable of providing data to address current and future health issues, such as Antimicrobial Resistance (AMR). They welcomed the inclusion of a Traditional Medicine Chapter in ICD-11 and stressed the need for interoperability with other health information collection efforts, including primary care and surgical procedures. Several Member States noted the importance of ICD being implementable in both high and low resources settings.

ICD-11 is at a critical juncture in development as we move forward with the core classification for statistics and financing, and consider the model for how future promise of ICD-11 can be met. The feedback from the Executive Board will be incorporated into current planning for the future release and management of ICD-11.

The ICD-11 Revision Conference in Tokyo in October 2016 will reflect on the advances made, outline implementation approaches, and identify the way forward in 2017 and 2018. The preliminary agenda for the ICD-11 Revision Conference is included in this newsletter, and invitations will go out shortly. The Conference will bring together representatives of Ministries of Health, representatives of national statistical agencies, academics, and others to:

- review current progress;
- address questions about practical aspects of the classification; and
- identify remaining issues or concerns from these high-level stakeholders.

As evidenced by the discussion and contributions of the Executive Board, Member State participation in the ICD-11 Revision Conference will be of critical importance to the success of ICD-11, and we look forward to seeing many of you there. We ask Member States to hold these dates, and invitations will be sent soon.

- Dr Ties Boerma, Director, Information, Evidence, and Research

ICD-11 Decisions and Highlights

Joint Task Force Highlights

In April 2016, the Joint Task Force (JTF) met in Cologne, Germany to further progress the work on the ICD-11 Tokyo release. Several key decisions were taken, and significant technical work was completed. Highlights of the meeting included:

- Given feedback on the terminology used, a decision was taken to rename the Joint Linearization for Mortality and Morbidity statistics as the **International Classification of Diseases, 11th Revision, for Mortality and Morbidity Statistics (ICD-11-MMS)**.
- A release of the ICD-11-MMS will take place at the **ICD Revision Conference** from 12-14 October 2016 in Tokyo, Japan.
- Definitions for each category are seen as a useful advancement in ICD-11 to help guide users to the correct code, but will need further technical editing before they can be released. As such, the **Tokyo Release of the ICD-11-MMS** will not include the draft text definitions.
- The JTF is currently focused on a very aggressive schedule of **high-level of review** for each chapter in advance of the **Tokyo Release of the ICD-11-MMS**. Find more information about the schedule of review in this newsletter.
- ICD-11 will undergo structural changes in governance reflective of the transition from development to update and maintenance.
- With the governance changes, additional focus will be placed on the informatics aspects of ICD-11, including mobile and web services WHO may provide to Member States in support of implementation.

Executive Board Briefing

The briefing to the Executive Board (EB) noted the widespread support for ICD-11, including the global contributions of WHO Collaborating Centres (CCs) and financial support by global partners, most notably the Japan Hospital Association. The briefing also overviewed the progress of the Revision, with alpha and beta releases in 2011 and 2012 respectively, and an independent external review in April 2015. The next release for Member State comment is scheduled for October 2016, coinciding with the ICD-11 Revision Conference in Tokyo, Japan. In particular, the briefing note detailed the features of the ICD-11, including:

- **Up to date scientific information** to ensure that contemporary knowledge for mortality and morbidity statistics remains meaningful, including new chapters on diseases of the blood and blood-forming organs and immune disorders. The infectious diseases chapter has been substantially updated to reflect improved knowledge. Diabetes, hypertension, maternal conditions, dementia, and injuries have also been updated to reflect progress and also solve classification problems that existed in ICD-10.
- ICD-11 is built for an **electronic environment**, facilitating the classification of information in electronic health records, with technology assistance including coding tools, browsers, and different web services, focusing on ease of use and improved specificity and consistency of the coded data.
- A **multi-lingual coding platform** to support translations.
- A focus on **interoperability and consistency with other information products** (e.g. SNOMED-CT for clinical recording).

The discussions of the EB provided critical feedback about ICD-11, important to WHO and its global support network plan for future work.

- Many countries noted the importance of ICD and data for mortality and morbidity to their health systems, including health financing.
- Many welcomed the inclusion of a TM Chapter in ICD-11 and stressed the need for - in future - additional modules classifying other prominent forms of TM.
- There was input from many countries, including African and Asian countries, that ICD-11 must be relevant in countries with weak health information systems, given challenges faced in ICD-10.
- The need to address future health needs, for example, antimicrobial resistance, was noted as an important aspect of ICD-11 development.
- Feedback from many countries, including EU countries, noted the importance of quality and testing of ICD-11; as well as the importance of addressing country implementation needs and planning, especially for electronic implementation.
- Many comments also noted the need for classification to be consistent with other data systems, including primary care and traditional medicine into the future.

ICD-11: Schedule for Chapter Review

Release Date	Chapters	<h2>Chapter Release Notes</h2> <p>During the Cologne meeting (11-14 April 2016), the JTF agreed to a new, rapid, and optimistic mechanism for high-level review of each individual chapter in preparation for the Tokyo Release (October 2016) of the ICD-11-MMS. Important to note, the Tokyo Release will not be the “final” version of ICD-11, nor will it be ready for implementation in countries. This release will represent a high-level overview of the structure of the ICD-11-MMS to support discussion about national requirements and support for implementation.</p> <p>The release schedule shown here represents a huge workload, both for the WHO staff and for the members of the JTF who must review each chapter in 3 weeks. However, it also represents the best possible mechanism for preparing a clean, high-level release representing the ICD-11-MMS hierarchy for the ICD-11 Revision Conference and ensuring that each chapter receives, at a minimum, this high-level review.</p>
April 29	<ul style="list-style-type: none"> • Ear and Mastoid • Circulatory System • Injuries • Blood 	
May 27	<ul style="list-style-type: none"> • Musculoskeletal system • Immune • Endocrine • Genitourinary 	
June 22	<ul style="list-style-type: none"> • Mental & Behavioural • Digestive • Pregnancy & childbirth • Perinatal • Reference guide updates • Mapping 	
July 22	<ul style="list-style-type: none"> • Nervous system • Eye & adnexa • Developmental anomalies • Sleep/wake disorders • Singletons • Residuals 	
August 26	<ul style="list-style-type: none"> • Respiratory system • Symptoms, signs & clinical manifestations • External causes • Extension codes • Index 	

Traditional Medicine – update from the international peer review of ICD-11 TM Chapter

In preparation for the release of the Traditional Medicine (TM) Chapter as part of the overall ICD-11 MMS in Tokyo later this year, the TM Chapter has undergone a three-month process of international peer review. Between January and March 142 experts from China, Japan, Korea, USA, Australia, and Europe - grouped in multinational teams of 5 to 10 experts interacting on the WHO Review Platform - reviewed 470 TM chapter entities with their respective title, definition, inclusion and exclusion terms. The TM chapter entities were reviewed in terms of their accuracy, clarity, uniqueness, level of specificity, consistency, correct placement, conciseness, clinical applicability, research utility, as well as possible overlap between categories, out of scope entities, and any omissions.

In consultation with WHO, the Managing Editors for the TM Chapter are currently summarizing the peer review results and preparing proposals for enhancing content, structure and terminology of the TM Chapter. The enhancement proposals will be discussed and decided upon in an editorial working group meeting which will take place from 25-29 July in Shanghai, China.

ICD-11 Revision Conference Agenda

Health Information in the New Era: ICD-11 Revision Conference

12-14 October 2016

The ICD-11 Revision Conference will be the highlight of the ICD Revision Process to date, and will represent a major opportunity for stakeholders to provide input into ICD in terms of national requirements and requests for implementation support before finalization and publication of the ICD-11-MMS. The DRAFT agenda includes major planned highlights, but is still subject to change. Find up-to-date information here:

<http://www.who.int/classifications/network/meeting2016>.

Wednesday 12 October		
Morning Session: (09:00am- 12:00)	Opening Ceremony	
Afternoon Session: (14:00 – 17:00)	Side Session: Traditional Medicine	
Thursday 13 October		
Morning Session: (09:00am- 12:30)	Health information in the new era: global, regional and country perspectives	
	The ICD-revision process	
	ICD-11 2016 Release for Member State Comment	
Afternoon Session: (14:00 – 17:00)	ICD-11 advances and use	Side Session: Global Policy: Disability and Ageing
		Side Session: Data Innovations for Women’s and Children’s Health
Evening:	Gala Dinner	
Friday 14 October		
Morning Session: (09:00am- 12:30)	ICD-11 advances and use	Side Session: Mental Health
	ICD-11 Informatics and tooling	Side Session: ICD and the global push for better CRVS data
Afternoon Session: (14:00 – 16:00)	ICD way forward	
	Closing	

ICD-11: 2016

2016 Q3 Advisory Activities

- **2 June** – RSG-SEG Teleconference
- **7-9 June** – ICD-11 Statistical Review Meeting
- **9 June** – WHO-FIC Council SEG Teleconference
- **11-15 June** – ICD-11 Morbidity, Quality & Safety Technical Review Meeting
- **12-14 June** – ICD Informatics & Governance Meeting
- **16 June** – JTF Teleconference
- **23 June** – RSG Teleconference
- **7 July** – RSG-SEG Teleconference
- **11-14 July** – JTF Meeting, Brisbane, Australia
- **21 July** – WHO-FIC Council SEG
- **4 August** – RSG-SEG Teleconference
- **11 August** – WHO-FIC Council SEG Teleconference
- **18 August** – JTF Teleconference
- **25 August** – RSG Teleconference
- **1 September** – RSG-SEG Teleconference
- **6 September** – WHO-FIC Council SEG Teleconference
- **15 September** – JTF Teleconference
- **22 September** – Full WHO Council Teleconference
- **8-12 October** – WHO-FIC Network Annual Meeting, Tokyo Japan
- **12-14 October** – ICD Revision Conference, Tokyo, Japan

ICD-11 Browser New Features

Search Enhancements:

The search results are now organized in a similar fashion to the Coding Tool. i.e. they are organized by how good the text entered matches the phrase in ICD and also grouped by using the ICD hierarchy. This style is used both in the search as you type as well as in the advanced search results. With this update the search as you type searches the full index in MMS

The screenshot shows the ICD-11 Beta Draft search interface. The search bar contains 'tuberculosis'. The results are organized hierarchically under the heading 'Tuberculosis'. The categories include:

- Tuberculosis of the respiratory system
 - 1B30 Respiratory tuberculosis, confirmed
 - 1B31 Respiratory tuberculosis, not confirmed
 - 1B3Z Respiratory tuberculosis, without mention of bacteriological or histological confirmation
- Tuberculosis of systems other than respiratory
 - 1B40 Tuberculosis of nervous system
 - 1B40.1 Tuberculosis meningitis
 - 1B40.3 Tuberculosis meningoencephalitis
 - 1B40.Y Tuberculosis of other specified part of nervous system
 - 1B40.Z Tuberculosis of nervous system, unspecified
 - 1B41 Tuberculosis of the musculoskeletal system
 - 1B41.1 Tuberculosis of bones or joints
 - 1B41.2 Tuberculosis myositis
 - 1B41.Y Tuberculosis of other specified part of the musculoskeletal system
 - 1B41.Z Tuberculosis of the musculoskeletal system, unspecified
 - 1B42 Tuberculosis of genitourinary system
 - 1B43 Tuberculosis of digestive system
 - 1B44 Tuberculosis of certain specified systems
 - 1B44.1 Tuberculosis of heart
 - 1B44.2 Cutaneous tuberculosis
 - 1B44.3 Tuberculosis of eye
 - 1B44.4 Tuberculosis of ear
 - 1B44.5 Tuberculosis of endocrine glands
 - 1B44.Y Tuberculosis of other specified site
 - 1B45 Tuberculosis peripheral lymphadenopathy
 - 1B4Z Tuberculosis of unspecified body systems
- 1B50 Miliary tuberculosis

Post-coordination

Post-coordination information is now available in the browser. Currently, this information exists only on a few number of categories (e.g. Malignant neoplasm of breast). Once available, the users could see the different additional codes they could use as well as search and browse related parts of the X-Chapter directly from this area.

The screenshot shows the ICD-11 browser interface for the category 'GB91 Aneurysmal bone cyst'. The 'Parent' section is 'Certain specified disorders of bone density and structure'. The 'Post-coordination' section is highlighted in orange. Below it, there is a search box for 'Specific anatomy' with the search term 'skull'. The search results for 'Specific anatomy' are:

- XC40.11 Cranial Bones
 - Skull
 - XC40.112 base of the skull