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IHTSDO Deprecation: SNOMED CT to ICD-9-CM Epidemiological and Statistical Map

Date: 20160513

Version: 3.01

Status: Approved by the GA

Amendment History

Version	Date	Editor	Comments
0.01	20150109	Kathy Giannangelo	First draft for comments
0.02	20150326	Kathy Giannangelo	Second draft with comments from Jan Millar and Robert Turnbull
0.03	20150403	Kathy Giannangelo	Third draft incorporating changes from Robert Turnbull and Ian Green
0.04	20150513	Robert Turnbull, Juliet Gole Krarup	Edits, preparation for MT review
0.05	20150606	JGK, KGI	Minor edits, preparation for MB review
0.06	20150617	JGK, MB	MB comments and preparation for public consultation
1.0	20160625	JGK	Preparation of document for public consultation
2.0	20160924	KGI	Update based on comments received in Stage 3: Deprecation Consultation and review with IGR and RTU
2.01	20151001	JGK	Minor edits and formatting
3.0	20160510	JGK	Reflecting approval of the GA
3.01	20160513	RTU, JGK	Minor change

Reviewed and Approved by

Version	Date	Approver	Comments
0.05	20150605	Management Team	
0.05	20150612	CEO	Approved to go to MB
0.05	20150616	Management Board	Approved to go to public consultation
2.0	20150930	Robert Turnbull, Ian Green	
2.0	20151001	CEO	Approved to go to MB
2.01	20151006	MB	Approved by MB, sent to GA for final approval
2.02	201510	GA	Approved

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1 Artifact for Deprecation

Name of artifact to be deprecated: SNOMED CT to ICD-9-CM Epidemiological and Statistical Map

Scope: The SNOMED CT to ICD-9-CM Epidemiological and Statistical Map includes maps from the SNOMED CT Clinical Findings to ICD-9-CM 2012, the last updated version.

Description: The SNOMED CT to ICD-9-CM Epidemiological and Statistical Map provides a map from a clinical statement expressed in SNOMED CT to target code(s), or in some cases no target, in the ICD-9-CM classification.

2 Reason for Deprecation

Reason for deprecation: The World Health Organization stopped maintenance of ICD-9 in the 1990s when ICD-10 came into use by the WHO Member States. The United States (U.S.) National Center for Health Statistics is responsible for maintenance of the clinical modification (CM) of ICD-9. The last regular, annual update to ICD-9-CM code was on October 1, 2011.

The target system (ICD-9-CM 2012) for the ICD-9-CM Epidemiological and Statistical Map is being replaced with ICD-10-CM, a newer classification. The owners of ICD-9-CM consequently no longer will be maintaining and updating it. With the adoption of ICD-10-CM or other modifications of the WHO version of ICD-10, the ICD-9-CM Epidemiological and Statistical Map usage will end.

ICD-9-CM Replacement: ICD-10-CM or other modifications of the WHO version of ICD-10. ICD-10-CM was developed by the National Center for Health Statistics (NCHS), the (U.S.) Federal agency responsible for use of the International Statistical Classification of Diseases and Related Health Problems, 10th revision (ICD-10).

Proposal for new artifact: None. The U.S. National Library of Medicine is responsible for the SNOMED CT to ICD-10-CM map.

3 Proposed Deprecation Timeline and Level of Support

Stage	Completed or Proposed Completion Date
Initiation - Stage 1 Step 1: Initial discussions Step 2: CEO selects staff lead Step 3: Staff lead drafts Deprecation Document Presentation to Member Forum Step 4: Staff Lead shares Deprecation Document with the rest of the Management Team and solicits input	31 January 2015 February 2015 March-April 2015 26 April 2015 5 June 2015
Review of Proposal - Stage 2 Step 5: CEO sign-off to proceed Step 6: MB sign-off to proceed	8 June 2015 16 June 2015
Consultation - Stage 3 Step 7: Announcement that deprecation consultation will commence Step 8: Consultation	17 June 2015 20 July - 20 Sept 2015
Decision - Stage 4 Step 9: Analysis of the data Step 10: CEO sign-off on decision and plan Step 11: MB sign-off on or approval of decision and plan Step 12: GA approval or decision and plan or GA is informed of MB decision	25 September 2015 29 September 2015 6 October 2015 In person 28 Oct
Issuing of Notice - Stage 5 Step 13: Issue the deprecation notice Step 14: Artifact is “Artifact Deprecated with Support” Step 15: Artifact is “Artifact Deprecated Without Support”	13 November 2015 2016 31 January SNOMED CT International Release 2016 31 July SNOMED CT International Release
Evaluation - Stage 6 Step 16: Evaluation of the deprecation process	31 August 2016

4 Requestors & Supporters of the Deprecation

Originator of request: Kathy Giannangelo, IHTSDO Map Lead. The IHTSDO Management Team sponsors the request.

Key contacts: Digital Product Architect Robert Turnbull, Business Service Executive Ian Green, and Map Lead Kathy Giannangelo.

5 Stakeholder Engagement

Stakeholders' consulted/feedback: Contacts with IHTSDO Members via a survey, emails, and the WHO ICD Implementation Database, show IHTSDO Members Belgium, Israel, Portugal, Spain, and the U.S. using ICD-9-CM. Other Member countries are using WHO ICD-10 or a modification of it.

While there is not one common ending date, by the end of 2015 no Member country will be using ICD-9-CM.

Member Country	ICD-9-CM Ending Date
Belgium	2014
Israel	2015
Portugal	2015
Spain	2015
United States	30 September 2015

The Member Forum was briefed on the deprecation plan on 26 April 2015.

Stakeholders to be consulted: Identified users of the ICD-9-CM Epidemiological and Statistical Map based on Freshdesk questions and those who provide feedback from the consultation stage.

6 Potential Impacts

Impact of Deprecating:

1. Content development costs associated with maintenance of the SNOMED CT to ICD-9-CM Epidemiological and Statistical Map would be re-allocated to Member priority projects funded for completion in the next two to three years. The Mapping Service Team requires approximately 400 hours per year to maintain the SNOMED CT to ICD-9-CM Epidemiological and Statistical Map, which equates to around \$30,000.
2. Impact on current users of the artifact including systems integrators, vendors, Member terminology centers, implementations, etc. will be assessed at the conclusion of Stage 3 when feedback on the proposal for deprecation has been received.
3. The SNOMED CT International Edition file package, which is distributed to IHTSDO Members, would exclude the Complex Map file, which currently contains the SNOMED CT to ICD-9-CM Epidemiological and Statistical Map. The directory structure within the file package would not be affected by this change.

Impact of Not Deprecating: If the SNOMED CT to ICD-9-CM Epidemiological and Statistical Map continues to exist, IHTSDO Mapping Service Team and Delivery Team resources would be used towards an artifact containing a classification no longer in use by Member countries.

Impact noted from the Consultation Stage:

The feedback from the consultation stage did not identify any risks to patient safety, reimbursement, or in the conduction of research should IHTSDO proceeds with deprecation of the SNOMED CT to ICD-9-CM Epidemiological and Statistical Map. In addition, there was no indication anyone's business or investment in the map would be adversely impacted.

7 Commercial or Harmonization Agreement Impacts

Commercial or harmonization issues: No known impact on commercial or harmonization agreements.

Appendix A: User Community Consultations

Deprecation consultation, which took place from 20 July to 20 September, allowed the user community to understand the reason for deprecation, determine the impact on itself and its stakeholders, and provide feedback. The following summarizes the responses from this consultation.

Feedback from the Form

Number of responses: Twelve. Four were from the United States.

Source: Nine countries. Seven NRCs. Others included a university in Canada, consultant/IT developers, and a research/education organization.

Number of users of the map: Three.

Number who agreed the map should be deprecated: Nine. Of the nine, seven (five were NRCs) agreed with all proposals including timelines. The remaining two (both of which were users of the map) proposed different timelines, with one recommending one additional year and the other recommending four additional years.

Number who did not agree the map should be deprecated: Three. Of these however, one commenter suggested a delay “for a short time” and another “until at least 2017” indicating agreement on the proposal for IHTSDO to no longer maintain the SNOMED CT to ICD-9-CM map.

Some comments in support of revised timelines:

1. An NRC stated some organizations/systems are still using ICD-9-CM and the map is useful when migrating to SNOMED CT.
2. A Canadian university’s opinion is that hospitals and EMR vendors are using ICD-9-CM and work should not stop on the map until most hospitals and organizations adopt a newer version of ICD.
3. A United States consultant mentioned the maps provide insight into relationship history and continued maintenance is needed beyond the original proposed timeline.

Feedback from Conference Calls organized by Canada Health Infoway

The deprecation and withdrawal of the SNOMED CT to ICD-9-CM map from the International Edition was a topic in a presentation organized by Canada Health Infoway and presented by IHTSDO on September 9, 2015. The presentation was open to all Canadian SNOMED CT software vendors and other stakeholders.

The slide presented the following information.

Deprecation of SNOMED CT to ICD-9-CM Map

- Reason for deprecation:
 - WHO ceased maintenance in favor of ICD-10
 - IHTSDO publishes a SNOMED CT to ICD-10 map
- Timeline:
 - Consultation 20 July - 20 Sept 2015
 - Thereafter closely follows the timeline for the RF1 deprecation decision

- Decision expected October 28, or early November 2015.
- URLs on IHTSDO.org:
 - The plan: <http://tinyurl.com/pk4pkbl>
 - Feedback form <http://goo.gl/forms/hZcfkRGp0q>

Questions were invited but none was forthcoming. There was no comment from the audience.