



IHPA

ICD-10 to ICD-10-AM Eleventh Edition mapping tables

User Guide

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User Guide – ICD-10 to ICD-10-AM Eleventh Edition mapping tables

The term ‘mapping’ refers to the process of linking or associating concepts from one system to concepts in another system. Mapping tables are useful if data are recorded in one classification but need to be reported in another. They are also useful for determining the comparability of two classifications. In this case, the tables give an insight into the changes made to ICD-10 in creating ICD-10-AM.

Maps may be one-to-one maps or one-to-many maps.

One-to-one map; a single ICD-10 code maps to a single ICD-10-AM code, for example:

- ICD-10 C00.0 *Malignant neoplasm of external upper lip*
maps to
ICD-10-AM C00.0 *Malignant neoplasm of external upper lip*
- ICD-10 code B23.1 *HIV disease resulting in (persistent) generalized lymphadenopathy*
maps to
ICD-10-AM B23.8 *HIV disease resulting in other specified conditions*

One-to-many map; a single ICD-10 code maps to more than one ICD-10-AM code, for example:

- ICD-10 C91.0 *Acute lymphoblastic leukaemia [ALL]*
maps to either
ICD-10-AM C91.00 *Acute lymphoblastic leukaemia [ALL], without mention of remission*
or
ICD-10-AM C91.01 *Acute lymphoblastic leukaemia [ALL], in remission*

Where one-to-many maps exist, it is important to identify which maps are *alternative* maps and which maps are *additive* (maps that need to be added together to adequately reflect the ICD-10 code). Please refer to notes on **Column E: ICD-10-AM Map** and **Column G: Additive map (+)** for more detail.

The ICD-10 to ICD-10-AM mapping tables demonstrate the relationship between the codes in the World Health Organization’s ICD-10 2016 (including updates) and ICD-10-AM Eleventh Edition.

The tables represent forward maps of every valid ICD-10 code (including most optional fifth character modifiers).

The official WHO updates to ICD-10 have been included in the tables. Therefore, the list of ICD-10 codes in the tables for each new edition may differ slightly to take account of the latest changes to codes made by the WHO Update Reference Committee.

The tables do not include backward maps, that is, lists of the ICD-10-AM codes are not mapped back to ICD-10 code(s). Therefore, some ICD-10-AM codes are not included in the tables. For example, O09 *Duration of pregnancy* was created in ICD-10-AM First Edition but does not appear in the tables because it has no relationship to any existing ICD-10 code.

ICD-10 to ICD-10-AM Eleventh Edition mapping tables

Diagnosis codes mapped from ICD-10 2016 to ICD-10-AM Eleventh Edition (2019) includes WHO updates to October 2016.

The tables have been split into six files:

ICD-10 to ICD-10-AM 11th Edition A00-V99.txt

ICD-10 to ICD-10-AM 11th Edition W00-X29.txt

ICD-10 to ICD-10-AM 11th Edition X30-X99.txt

ICD-10 to ICD-10-AM 11th Edition Y00-Z99.txt

ICD-10 to ICD-10-AM 11th Edition Place=.txt

ICD-10 to ICD-10-AM 11th Edition Act=.txt

The files are comma delimited text format with double inverted commas (“”) as text qualifiers (see below for details of columns contained within each file). The files should be imported in an application, such as Microsoft Excel or Microsoft Access, for optimal use.

Important information about external cause codes in ICD-10-AM

The concepts of place of occurrence and activity in relation to external cause of injury are classified differently in the various editions of ICD-10-AM. This is important to understand when interpreting the mapping tables.

In ICD-10-AM First Edition, place of occurrence and activity are classified as the fourth and fifth characters respectively of certain external cause codes.

In ICD-10-AM Second Edition, place of occurrence and activity are classified to categories Y92 and Y93 respectively.

From ICD-10-AM Third to Eleventh Editions, place of occurrence and activity are classified to categories Y92 and U50–U73 respectively.

Place of Occurrence & Activity code mapping

The place of occurrence and activity details are presented in separate files that specifically map between the ICD-10 fourth and fifth character modifiers and the ICD-10-AM codes in categories Y92 and U50-U73. The main disease code file shows only the direct map of the three-digit ICD-10 external cause code. The files *Place=* and *Activity=* provide the map of the ICD-10 fourth and fifth characters. Extracts 1, 2 and 3, below, demonstrate the use of the three files:

For example, to map ICD-10 code W20.00 *Struck by... object, home, while engaged in sports activity* would involve reference to three files:

- | | | |
|---------------|---------|---|
| (ICD-10) | | (ICD-10-AM) |
| 1. W20 | maps to | W20 <i>Struck by ... object</i> (Extract 1) |
| 2. Place=0 | maps to | Y92.09, or Y92.00, or Y92.01 (etc) (Extract 2) |
| 3. Activity=0 | maps to | U71, or U70.8, or U70.0 or U50.9 (etc) (Extract 3) |

Extract 1: ICD-10-AM Eleventh Edition maps – disease code file – W00–X29

Counter	ICD-10 code	WHO update 1=Add 2=Del	ICD-10 code descriptor	ICD-10-AM Map	Aust update	Additive Map (+)	ICD-10-AM code descriptor
85	W20		Struck by thrown, projected or falling object	W20			Struck by thrown, projected or falling object

Extract 2: ICD-10-AM Eleventh Edition maps – Place=.txt file

Counter	ICD-10 Place of occurrence category	WHO update 1=Add 2=Del	ICD-10 code descriptor	ICD-10-AM Map	Aust update	ICD-10-AM code descriptor
1	Place=0		Home	Y92.09		Other and unspecified place in home
2	Place=0		Home	Y92.00		Driveway to home
3	Place=0		Home	Y92.01		Outdoor areas
4	Place=0		Home	Y92.02		Garage
5	Place=0		Home	Y92.03		Bathroom
6	Place=0		Home	Y92.04		Kitchen
7	Place=0		Home	Y92.05		Bedroom
8	Place=0		Home	Y92.06		Laundry
9	Place=0		Home	Y92.07		Indoor living areas, not elsewhere classified
10	Place=0		Home	Y92.89		Communal living area

Extract 3: ICD-10-AM Eleventh Edition maps – Act=.txt file

Counter	ICD-10 Activity category	WHO update 1=Add 2=Del	ICD-10 code descriptor	ICD-10-AM Map	Aust update	ICD-10-AM code descriptor
1	Act=0		While engaged in sports activity	U71		Unspecified sport and exercise activity
2	Act=0		While engaged in sports activity	U70.8		Other specified sport and exercise activity
3						Athletic activities involving fitness equipment, not elsewhere classified
4	Act=0		While engaged in sports activity	U70.0		Unspecified team ball sport
5	Act=0		While engaged in sports activity	U50.8		Other specified team ball sport
6	Act=0		While engaged in sports activity	U50.09		Football, unspecified
7	Act=0		While engaged in sports activity	U50.08		Other specified football
8	Act=0		While engaged in sports activity	U50.00		Australian Rules
9	Act=0		While engaged in sports activity	U50.01		Rugby Union
10	Act=0		While engaged in sports activity	U50.02		Rugby League
11	Act=0		While engaged in sports activity	U50.03		Rugby, unspecified
12	Act=0		While engaged in sports activity	U50.04		Soccer
13	Act=0		While engaged in sports activity	U50.05		Touch football
14	Act=0		While engaged in sports activity	U50.1		Basketball
15	Act=0		While engaged in sports activity	U50.2		Handball, team

The columns in the files

Column A: Counter

Counter added to ensure order of codes and maps is maintained.

Column B: ICD-10 Code

The ICD-10 code being mapped, or in the case of the files *Place=* and *Act=*, is the ICD-10 fourth or fifth character modifiers.

Column C: WHO Update

Indicates whether the code has been added or deleted by the World Health Organization.

1 = code added

2 = code deleted

Column D: ICD-10 Code Descriptor

The text descriptor for the ICD-10 code in column B.

Column E: ICD-10-AM Map

The ICD-10-AM map(s) for the ICD-10 code in column B. The maps are presented in line data so that if there is more than one map for the ICD-10 code (ie, one-to-many map) these are presented on subsequent lines.

The ICD-10-AM code on the first line is the *primary map*. That is, the 'best match' for the ICD-10 code in column 2. This selection is made based on:

- the best match code descriptor
- the code to which the concept is indexed
- coding convention

Generally, where 'unspecified' and 'other' codes exist in ICD-10-AM these are the 'best match' maps and are listed first and second respectively. All subsequent maps are listed in numerical order. These are referred to as *secondary maps*. Secondary maps have a relationship to the code being mapped but are not *additive* (see Column G below).

Use the first map (primary map) if you only require one code.

Column F: Australian Update

Indicates whether the ICD-10-AM code is an Australian addition or deletion

1 = code added

2 = code deleted

Therefore, any new Australian codes created for that edition of ICD-10-AM, will be noted with a '1' in column F.

In earlier mapping tables '2' was used to indicate ICD-10 codes that were not in ICD-10-AM (eg: ICD-10 code B21.2 is mapped to B21 and flagged with a '2' as the fourth characters are not in ICD-10-AM). However, it was decided that this flag was not truly indicative of a deleted ICD-10-AM code and therefore '2' has not been used for maps from Sixth Edition.

Column G: Additive map (+)

Sometimes more than one ICD-10-AM code is required to complete the map to ICD-10. In these cases, the primary and any secondary maps are listed first followed by the additional maps. The additional maps are annotated with a plus (+) sign in column G. Extract 4 gives an example from the Eleventh Edition mapping tables.

Extract 4 – Eleventh Edition maps: additive map for code S22.11

Counter	ICD-10 code	WHO update 1=Add 2=Del	ICD-10 code descriptor	ICD-10-AM Map	Aust update	Additive Map (+)	ICD-10-AM code descriptor
11630	S22.11		Multiple fractures of thoracic spine, open	S22.1			Multiple fractures of thoracic spine
11631	S22.11		Multiple fractures of thoracic spine, open	S21.81		+	Open wound (of any part of thorax) communicating with a fracture

For example,

ICD-10 S22.11 *Multiple fractures of thoracic spine, open*

maps to

ICD-10-AM S22.1 *Multiple fractures of thoracic spine* **and (+)**
S21.81 *Open wound (of any part of thorax) communicating with a fracture*

Where an ICD-10 code has primary and secondary maps, either map may be used with the additional code to complete the map. Extract 5 shows how this is depicted in the mapping tables.

Extract 5 – Eleventh Edition maps: additive map for code S62.51

Counter	ICD-10 code	WHO update 1=Add 2=Del	ICD-10 code descriptor	ICD-10-AM Map	Aust update	Additive Map (+)	ICD-10-AM code descriptor
11268	S62.51		Fracture of thumb, open	S62.50			Fracture of thumb, part unspecified
11269	S62.51		Fracture of thumb, open	S62.51			Fracture of proximal phalanx of thumb
11270	S62.51		Fracture of thumb, open	S62.52			Fracture of distal phalanx of thumb
11271	S62.51		Fracture of thumb, open	S61.81		+	Open wound (of any part of wrist and hand) communicating with a fracture

For example,

ICD-10 S62.51 *Fracture of thumb, open*

maps to

ICD-10-AM S62.50 *Fracture of thumb, part unspecified* **and (+)**
S61.81 *Open wound (of any part of wrist and hand) communicating with a fracture*

or

S62.51 *Fracture of proximal phalanx of thumb* **and (+)**
S61.81 *Open wound (of any part of wrist and hand) communicating with a fracture*

or

S62.52 *Fracture of distal phalanx of thumb* **and (+)**
S61.81 *Open wound (of any part of wrist and hand) communicating with a fracture*

Column H: ICD-10-AM Code Descriptor

An ICD-10-AM text descriptor for the ICD-10-AM code in Column E.