World Health Organization

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Department of Information, Evidence and Research

#### WHO Mortality Data base documentation

15 September 2016 update

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#### WHO Mortality Data base documentation

The users' attention is brought to the fact that some data might differ from those as published by the countries. This is mainly because (a) WHO uses standard classifications to present the data (b) some countries do not implement the ICD10 updates and (c) also the WHO Mortality Data base is regularly updated.

# Part 1: Background and file descriptions

* **Background:**

The data available for download from this web site are official national statistics in the sense that they have been transmitted to the World Health Organization by the competent authorities of the countries concerned.

The WHO Mortality Data base comprises deaths registered in national vital registration systems, with underlying cause of death as coded by the relevant national authority. Underlying cause of death is defined as “the disease or injury which initiated the train of morbid events leading directly to death, or the circumstances of the accident or violence which produced the fatal injury” in accordance with the rules of the International Classification of Diseases.

The database contains number of deaths by country, year, sex, age group and cause of death as far back from 1950. Data are included only for countries reporting data properly coded according to the International Classification of Diseases (ICD).

* **System requirements and installation**:

The database is available for PC. At least 500 MB of free space is required to download and install the data set to the user’s PC. The data set is distributed in compressed form. All the files are in ASCII format only (csv files with comma separated values); however their format allows for easy importing into any Data Base Management System (DBMS), for e.g. Microsoft Access, SPSS, STATA, SAS. Users should have the necessary knowledge to operate a DBMS for a comprehensive use of the database. Instructions for importing the csv files into STATA and SAS are listed in Annex Table 3. However users are strongly recommended not to try to import the data into **spreadsheets** because of the excessive number of records. There are over 2 million records in one data file.

* **Description of the data files**:

There are 8 files, named

**MortIcd07.zip**: mortality data aggregated according to the Lists A and B of the 7th revision of the ICD . Total records: 281,749 (excluding first row of field names)

**MortIcd08.zip**: mortality data aggregated according to the Lists A and B of the 8th revision of the ICD. Total records 380,627 (excluding first row of field names).

**MortIcd09.zip**: mortality data aggregated according to the Basic Tabulation List (BTL) of the 9th revision of the ICD. Total records 898,812 (excluding first row of field names)

**MortIcd10.zip**: mortality data according to the detailed 10th revision of the ICD, either with 3 characters or 4 characters ICD 10 codes. (excluding first row of field names).

**For frequent users: This file is now split into 2 parts: Morticd10\_part1 (1,382,615 records) and Morticd10\_part2 (1,876,813 records).** Total records 3,259,428 (excluding first row of field names).

**Pop.zip**: reference population and live births. Note population and live births are both in units. Population figures are mid-year population. Total records 9,055 (excluding first row of field names).

**Country\_codes.zip**: Country codes and names. Total records 227 (excluding first row of field names)

**Availability.zip**: List of countries-years included in the data base for mortality and population data. This is an Excel file with two worksheets.

Note that the fields “Admin1”, “Subdiv”, “List”, “Cause”, “Frmat” and “IM\_Frmat” should be treated as characters. The other fields can be treated as numerical variables.

**Notes.zip:** Notes related to data for some countries-years. Total records 77 (excluding first row of field names)

* **Data layout**

For files MortIcd7.zip, MortIcd8.zip, MortIcd9.zip and MortIcd10.zip, the layout for each line of data is as follows:

| Column name | Content |
| --- | --- |
| Country | Country code – see file “Country\_codes.zip” |
| Admin1 | Specified region/Category pertinent to each country– see Annex Table 2 below. If both fields 'Admin1' and 'Subdiv' are blank, data reported refer to the country. |
| Subdiv | Category of data – see Annex Table 2 below. If both fields 'Admin1' and 'Subdiv' are blank, data reported refer to the country. |
| Year | Year to which data refer |
| List | List of ICD revision used – see Annex Table 2 below. |
| Cause | Cause of death – For details consult Part 2 below or ICD publications |
| Sex | 1 male, 2 female and 9 sex unspecified |
| Frmat | Age-group format for breakdown of deaths at 0-95+ yrs – see Annex Table 1 below for details |
| IM\_Frmat | Age format for breakdown of infant deaths (0 year) – see Annex Table 1 below for details |
| Deaths1 | Deaths at all ages |
| Deaths2 | Deaths at age 0 year |
| Deaths3 | Deaths at age 1 year |
| Deaths4 | Deaths at age 2 years |
| Deaths5 | Deaths at age 3 years |
| Deaths6 | Deaths at age 4 years |
| Deaths7 | Deaths at age 5-9 years |
| Deaths8 | Deaths at age 10-14 years |
| Deaths9 | Deaths at age 15-19 years |
| Deaths10 | Deaths at age 20-24 years |
| Deaths11 | Deaths at age 25-29 years |
| Deaths12 | Deaths at age 30-34 years |
| Deaths13 | Deaths at age 35-39 years |
| Deaths14 | Deaths at age 40-44 years |
| Deaths15 | Deaths at age 45-49 years |
| Deaths16 | Deaths at age 50-54 years |
| Deaths17 | Deaths at age 55-59 years |
| Deaths18 | Deaths at age 60-64 years |
| Deaths19 | Deaths at age 65-69 years |
| Deaths20 | Deaths at age 70-74 years |
| Deaths21 | Deaths at age 75-79 years |
| Deaths22 | Deaths at age 80-84 years |
| Deaths23 | Deaths at age 85-89 years |
| Deaths24 | Deaths at age 90-94 years |
| Deaths25 | Deaths at age 95 years and above |
| Deaths26 | Deaths at age unspecified |
| IM\_deaths1 | Infant deaths at age 0 day |
| IM\_deaths2 | Infant deaths at age 1-6 days |
| IM\_deaths3 | Infant deaths at age 7-27 days |
| IM\_deaths4 | Infant deaths at age 28-364 days |

The layout of each record of the Pop.zip file is as follows:

| **Column name** | **Content** |
| --- | --- |
| Country | Country code – see file “Country\_codes.zip” |
| Admin1 | Specified region/Category pertinent to each country– see file “Country\_codes.zip”. If this field is blank, data reported refer to the country |
| Subdiv1 | Category of data – see Annex Table 2 below. If this field is blank, data reported refer to the country. |
| Year | Year to which data refer |
| Sex | 1 male, 2 female |
| Frmat | Age-group format for breakdown of deaths at 0-95+ yrs – see Annex Table 1 below for details |
| Pop1 | Population at all ages |
| Pop2 | Population at age 0 year |
| Pop3 | Population at age1 year |
| Pop4 | Population at age 2 years |
| Pop5 | Population at age 3 years |
| Pop6 | Population at age 4 years |
| Pop7 | Population at age 5-9 years |
| Pop8 | Population at age 10-14 years |
| Pop9 | Population at age 15-19 years |
| Pop10 | Population at age 20-24 years |
| Pop11 | Population at age 25-29 years |
| Pop12 | Population at age 30-34 years |
| Pop13 | Population at age 35-39 years |
| Pop14 | Population at age 40-44 years |
| Pop15 | Population at age 45-49 years |
| Pop16 | Population at age 50-54 years |
| Pop17 | Population at age 55-59 years |
| Pop18 | Population at age 60-64 years |
| Pop19 | Population at age 65-69 years |
| Pop20 | Population at age 70-74 years |
| Pop21 | Population at age 75-79 years |
| Pop22 | Population at age 80-84 years |
| Pop23 | Population at age 85-89 years |
| Pop24 | Population at age 90-94 years |
| Pop25 | Population at age 95 years and over |
| Pop26 | Population at age unspecified |
| Lb | Live births |

The layout of each record of the Country\_codes.zip file is as follows:

|  |  |
| --- | --- |
| **Column name** | **Content** |
| Country | Country code |
| Name | Country name |

Note that the above fields should be read together with fields “Admin1” and “Subdiv” in the data files.

Annex Table 1

**Age group formats for breakdown of deaths at ages 0 to 95 years and above**

(Countries not using standard age groups (Format code 00) use groups which are formed by combining two or more complete age groups of the standard age groups. In such cases the data is recorded under the first of the combined age groups; the unused part is left blank.)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Format - general mortality reporting** | | | | | | | | | | |
| **Format number🡪** | **00** | **01** | **02** | **03** | **04** | **05** | **06** | **07** | **08** | **09** |
| Years | All ages | All ages | All ages | All ages | All ages | All ages | All ages | All ages | All ages | All ages |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| 1 | 1 | 1 | 1-4 | 1 | 1-4 | 1-4 | 1-4 | 1-4 | 1-4 |  |
| 2 | 2 | 2 |  | 2 |  |  |  |  |  | N |
| 3 | 3 | 3 |  | 3 |  |  |  |  |  | O |
| 4 | 4 | 4 |  | 4 |  |  |  |  |  |  |
| 5 | 5-9 | 5-9 | 5-9 | 5-9 | 5-9 | 5-9 | 5-9 | 5-14 | 5-14 | A |
| 10 | 10-14 | 10-14 | 10-14 | 10-14 | 10-14 | 10-14 | 10-14 |  |  | G |
| 15 | 15-19 | 15-19 | 15-19 | 15-19 | 15-19 | 15-19 | 15-19 | 15-24 | 15-24 | E |
| 20 | 20-24 | 20-24 | 20-24 | 20-24 | 20-24 | 20-24 | 20-24 |  |  |  |
| 25 | 25-29 | 25-29 | 25-29 | 25-29 | 25-29 | 25-29 | 25-29 | 25-34 | 25-34 | D |
| 30 | 30-34 | 30-34 | 30-34 | 30-34 | 30-34 | 30-34 | 30-34 |  |  | I |
| 35 | 35-39 | 35-39 | 35-39 | 35-39 | 35-39 | 35-39 | 35-39 | 35-44 | 35-44 | S |
| 40 | 40-44 | 40-44 | 40-44 | 40-44 | 40-44 | 40-44 | 40-44 |  |  | T |
| 45 | 45-49 | 45-49 | 45-49 | 45-49 | 45-49 | 45-49 | 45-49 | 45-54 | 45-54 | R |
| 50 | 50-54 | 50-54 | 50-54 | 50-54 | 50-54 | 50-54 | 50-54 |  |  | I |
| 55 | 55-59 | 55-59 | 55-59 | 55-59 | 55-59 | 55-59 | 55-59 | 55-64 | 55-64 | B |
| 60 | 60-64 | 60-64 | 60-64 | 60-64 | 60-64 | 60-64 | 60-64 |  |  | U |
| 65 | 65-69 | 65-69 | 65-69 | 65-69 | 65-69 | 65-69 | 65 &+ | 65-74 | 65 &+ | T |
| 70 | 70-74 | 70-74 | 70-74 | 70-74 | 70-74 | 70 &+ |  |  |  | I |
| 75 | 75-79 | 75-79 | 75-79 | 75 &+ | 75 &+ |  |  | 75 &+ |  | O |
| 80 | 80-84 | 80-84 | 80-84 |  |  |  |  |  |  | N |
| 85 | 85-89 | 85 &+ | 85 &+ |  |  |  |  |  |  |  |
| 90 | 90-94 |  |  |  |  |  |  |  |  |  |
| 95 | 95 &+ |  |  |  |  |  |  |  |  |  |
| Unknown | Unknown | Unknown | Unknown | Unknown | Unknown | Unknown | Unknown | Unknown | Unknown |  |

**Age-group format for breakdown of infant deaths (0 year)**

(If countries are not using standard age groups (Format code 01) the data for infant deaths must be recorded under the first of the combined age groups; the unused part is left blank.)

|  |  |  |  |
| --- | --- | --- | --- |
| **Format number🡪** | **01** | **02** | **08** |
| 0day | 0 day | 0-6 days | 0-365 days |
| 1-6day | 1-6 days |  |  |
| 7-27 days | 7-27 days | 7-27days |  |
| 28-365 days | 28-365 days | 28-365 days |  |

Annex Table 2

#### Field “Admin1”

|  |  |  |
| --- | --- | --- |
| **Country** | Admin1 | **Description** |
| 2070 | 901 | North and North-East |
| 2070 | 902 | South, South-East and Central West |
| 2350 | 901 | Former Canal Zone |
| 3150 | 901 | Jewish Population |

#### Field “Subdiv”

|  |  |
| --- | --- |
| **Subdiv** | **Description** |
| A10 | Survey |
| A20 | Reporting Areas |
| A30 | Part |
| A35 | Selected Urban and Rural Areas |
| A41 | Selected Rural Areas |
| A51 | Selected Urban Areas |
| A70 | Cities |
| A80 | Certified Deaths |

#### Field “List” (Consult Part 2 of this document for more details on specific codes)

| **List** | **List of causes (condensed/detailed) from the revisions of the International Classification of Diseases** |
| --- | --- |
| 07A | ICD 7th revision, List A (condensed) |
| 07B | ICD 7th revision, List B (condensed) |
| 08A | ICD 8th revision, List A (condensed) |
| 08B | ICD 8th revision, List B (condensed) |
| 09A,09B | ICD 9th revision, Basic Tabulation List (condensed) |
| 09N | ICD 9th revision, Special List of causes (condensed) as reported by some countries of the newly independent States of former USSR |
| 09C | ICD 9th revision, Special List of causes (condensed) as reported by China |
| 101 | ICD10 Mortality Tabulation List 1(condensed) |
| 103 | ICD10 3 (detailed) character list |
| 104 | ICD10 4(detailed) character list |
| 10M | ICD10 3 and 4 (detailed) character list. Pls note that when a 4th character code is given it is therefore not included in a 3 character code. All records are mutually exclusive. |
| UE1 | ICD10 special list for Portugal - data for 2004-2005 |

**Annex 3**

**Instructions for importing the CSV data files into STATA:**

After all files download completed, decompress all the files and store them into a directory. Important: add the extension “csv” at the name of each file.

How to import csv file into STATA:

1. Save the csv file onto a drive on your computer, note the full path of document.
   1. Take as example file “morticd10.csv” and save it in folder: “D:\My documents”. Hence full path name is: “D:\My documents\morticd10.csv”
2. Open STATA
3. Type in command “insheet using” + full path name from 1a =

insheet using “D:\My documents\ morticd10.csv”

Run the command and the data will be imported into STATA.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Instructions for importing the CSV data files into SAS:**

After all files download completed, decompress all the files and store them into a directory.

In the Editor window,

first create a library (e.g “mort”) in a directory (e.g. D:\WHOdata) by typing

the first command below. Then type in all the other commands to import the data. Note that it is important to keep the first 9 fields as characters.

**libname** mort ‘D:\WHOdata’;

**data** mort.morticd10;

infile "D:\WHOdata\morticd10 " dlm=',' missover DSD LRECL=**32767** firstobs=**2**;

length

Country $**4**

Admin1 $**3**

SubDiv $**3**

Year $**4**

List $**3**

Cause $**4**

Sex $**1**

Frmat $**2**

IM\_Frmat $**2**

Deaths1 **8**

Deaths2 **8**

Deaths3 **8**

Deaths4 **8**

Deaths5 **8**

Deaths6 **8**

Deaths7 **8**

Deaths8 **8**

….

…. *(please type Deaths9 to Deaths25 in the same way)*

Deaths26 **8**

Im\_deaths1 **8**

Im\_deaths2 **8**

Im\_deaths3 **8**

Im\_deaths4 **8;**

input

Country $

Admin1 $

SubDiv $

Year $

List $

Cause $

Sex $

Frmat $

IM\_Frmat $

Deaths1

Deaths2

Deaths3

Deaths4

Deaths5

Deaths6

Deaths7

Deaths8

… *(please type Deaths9 to Deaths25 in the same way)*

…

Deaths26

Im\_deaths1

Im\_deaths2

Im\_deaths3

Im\_deaths4 ;

**run**; Annex 4

Conditions on the use of the WHO Mortality database (MDB)

The data available on this web site comprise deaths registered in national vital registration systems, with underlying cause of death as coded by the relevant national authority. These data are official national statistics in the sense that they have been transmitted to the World Health Organization by the competent authorities of the countries concerned. Each Member State reports population data along with their mortality data, for the population covered by the death registration system. Where this is a subset of the national population, the data is labelled accordingly in the WHO Mortality Database, e.g. Brazil (North and North-east) or Paraguay (reporting areas). However, the completeness of death registration may also be less than 100% for the specified registration population.

Note that vital registration data may be 100% complete for the population covered, but not include full coverage of deaths in the country. Caution should therefore be taken when doing inter-country comparisons.

Death registration coverage and cross-national differences in coding practices, particularly in the use of codes for ill-defined and unknown causes, must also be taken into account to validly compare mortality rates for specific causes across countries.

The designations employed and the presentation of material in the MDB do not imply the expression of any opinion whatsoever on the part of the World Health Organization or other parties involved in the MDB concerning the legal status of any country, territory or area, its authorities, its current or former official name, or the delimitation of its frontiers or boundaries. Accordingly: a) strictly for purposes of statistical use, denominations are used which, although applicable at one particular time, may not reflect correct terminology at some other point in the historical context in which they are so used; b) references to "former" entities refer to countries that formerly existed under those names, or abbreviations; and c) in some cases, denominations are used to refer to countries as they currently exist and, when used with respect to data relating to before the existence of these countries as independent states, to sub-national entities of formerly existing larger countries.  
  
WHO asks users to cooperate in the provision of electronically transmitted data by adhering to the following guidelines:-  
  
(a) Material drawn from the MDB for publication must be accompanied by an acknowledgment of WHO as the source and a disclaimer crediting analyses, interpretations or conclusions to the author of the published data and not to WHO, which is responsible only for the provision of the original information.  
  
(b) Users wishing to publish a technical description or qualification of the data will make a reasonable effort to ensure that it is not inconsistent with any published by WHO.  
  
(c) Recipients of electronically transmitted data wishing to, or asked to make these, or copies thereof available to a third party are asked to refer such party to WHO, who will transmit the data directly accompanied with the necessary documentation. This will prevent circulation of out-of-date data, as the MDB is updated regularly.   
  
It should be noted that these data are transmitted on the understanding that no use will be made of them for commercial purposes and that no such permission or right to use may be implied thereby.

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**Part2: Causes of death: code descriptions**

**Table 1. ICD7 – A List (condensed) and some detailed codes**

| **ICD7-A List (condensed)** | **Detailed List Numbers** | **Cause** |
| --- | --- | --- |
| A000 |  | All causes |
| A001 | 001-008 | Tuberculosis of respiratory system |
| A002 | 010 | Tuberculosis of meninges and central nervous system |
| A003 | 011 | Tuberculosis of intestines, peritoneum, and mesenteric glands |
| A004 | 012, 013 | Tuberculosis of bones and joints |
| A005 | 014-019 | Tuberculosis, all other forms |
| A006 | 020 | Congenital syphilis |
| A007 | 021 | Early syphilis |
| A008 | 024 | Tabes dorsalis |
| A009 | 025 | General paralysis of insane |
| A010 | 022, 023, 026-029 | All other syphilis |
| A011 | 030-035 | Gonococcal infection |
| A012 | 040 | Typhoid fever |
| A013 | 041, 042 | Paratyphoid fever and other Salmonella infections |
| A014 | 043 | Cholera |
| A015 | 044 | Brucellosis (undulant fever) |
| A016 | 045-048 | Dysentery, all forms |
| A017 | 050 | Scarlet fever |
| A018 | 051 | Streptococcal sore throat |
| A019 | 052 | Erysipelas |
| A020 | 053 | Septicaemia and pyaemia |
| A021 | 055 | Diphtheria |
| A022 | 056 | Whooping cough |
| A023 | 057 | Meningococcal infections |
| A024 | 058 | Plague |
| A025 | 060 | Leprosy |
| A026 | 061 | Tetanus |
| A027 | 062 | Anthrax |
| A028 | 080 | Acute poliomyelitis |
| A029 | 082 | Acute infectious encephalitis |
| A030 | 081, 083 | Late effects of acute poliomyelitis and acute infectious encephalitis |
| A031 | 084 | Smallpox |
| A032 | 085 | Measles |
| A033 | 091 | Yellow fever |
| A034 | 092 | Infectious hepatitis |
| A035 | 094 | Rabies |
| A036 | 100-108 | Typhus and other rickettsial diseases |
| A037 | 110-117 | Malaria |
| A038 | 123 | Schistosomiasis |
| A039 | 125 | Hydatid disease |
| A040 | 127 | Filariasis |
| A041 | 129 | Ankylostomiasis |
| A042 | 124, 126, 128, 130 | Other diseases due to helminths |
| A043 | 036-039, 049, 054, 059, 063-074, 086-090, 093, 095, 096, 120-122, 131-138 | All other diseases classified as infective and parasitic |
| A044 | 140-148 | Malignant neoplasm of buccal cavity and pharynx |
| A045 | 150 | Malignant neoplasm of oesophagus |
| A046 | 151 | Malignant neoplasm of stomach |
| A047 | 152, 153 | Malignant neoplasm of intestine, except rectum |
| A048 | 154 | Malignant neoplasm of rectum |
| A049 | 161 | Malignant neoplasm of larynx |
| A050 | 162, 163 | Malignant neoplasm of trachea, bronchus and lung, not specified as secondary |
| A051 | 170 | Malignant neoplasm of breast |
| A052 | 171 | Malignant neoplasm of cervix uteri |
| A053 | 172-174 | Malignant neoplasm of other and unspecified parts of uterus |
| A054 | 177 | Malignant neoplasm of prostate |
| A055 | 190, 191 | Malignant neoplasm of skin |
| A056 | 196, 197 | Malignant neoplasm of bone and connective tissue |
| A057 | 155-160, 164, 165, 175, 176, 178-181, 192-195, 198, 199 | Malignant neoplasm of all other and unspecified sites |
| A058 | 204 | Leukaemia and aleukaemia |
| A059 | 200-203, 205 | Lymphosarcoma and other neoplasms of lymphatic and haematopoietic system |
| A060 | 210-239 | Benign neoplasms and neoplasms of unspecified nature |
| A061 | 250, 251 | Non-toxic goitre |
| A062 | 252 | Thyrotoxicosis with or without goitre |
| A063 | 260 | Diabetes mellitus |
| A064 | 280-286 | Avitaminosis and other deficiency states |
| A065 | 290-293 | Anaemias |
| A066 | 240-245, 253, 254, 270-277, 287-289, 294-299 | Allergic disorders; all other endocrine, metabolic, and blood diseases |
| A067 | 300-309 | Psychoses |
| A068 | 310-324, 326 | Psychoneuroses and disorders of personality |
| A069 | 325 | Mental deficiency |
| A070 | 330-334 | Vascular lesions affecting central nervous system |
| A071 | 340 | Non-meningococcal meningitis |
| A072 | 345 | Multiple sclerosis |
| A073 | 353 | Epilepsy |
| A074 | 370-379 | Inflammatory diseases of eye |
| A075 | 385 | Cataract |
| A076 | 387 | Glaucoma |
| A077 | 391-393 | Otitis media and mastoiditis |
| A078 | 341-344, 350-352, 354-369, 380-384, 386, 388-390, 394-398 | All other diseases of the nervous system and sense organs |
| A079 | 400-402 | Rheumatic fever |
| A080 | 410-416 | Chronic rheumatic heart disease |
| A081 | 420-422 | Arteriosclerotic and degenerative heart disease |
| A082 | 430-434 | Other diseases of heart |
| A083 | 440-443 | Hypertension with heart disease |
| A084 | 444-447 | Hypertension without mention of heart |
| A085 | 450-456 | Diseases of arteries |
| A086 | 460-468 | Other diseases of circulatory system |
| A087 | 470-475 | Acute upper respiratory infections |
| A088 | 480-483 | Influenza |
| A089 | 490 | Lobar pneumonia |
| A090 | 491 | Bronchopneumonia |
| A091 | 492, 493 | Primary atypical, other, and unspecified pneumonia |
| A092 | 500 | Acute bronchitis |
| A093 | 501, 502 | Bronchitis, chronic and unqualified |
| A094 | 510 | Hypertrophy of tonsils and adenoids |
| A095 | 518, 521 | Empyema and abscess of lung |
| A096 | 519 | Pleurisy |
| A097 | 511-517, 520, 522-527 | All other respiratory diseases |
| A098 | 530-535 | Diseases of teeth and supporting structures |
| A099 | 540 | Ulcer of stomach |
| A100 | 541 | Ulcer of duodenum |
| A101 | 543 | Gastritis and duodenitis |
| A102 | 550-553 | Appendicitis |
| A103 | 560, 561, 570 | Intestinal obstruction and hernia |
| A104 | 571, 572 | Gastro-enteritis and colitis, except diarrhoea of the newborn |
| A105 | 581 | Cirrhosis of liver |
| A106 | 584, 585 | Cholelithiasis and cholecystitis |
| A107 | 536-539, 542, 544, 545, 573-580, 582, 583, 586, 587 | Other diseases of digestive system |
| A108 | 590 | Acute nephritis |
| A109 | 591-594 | Chronic, other, and unspecified nephritis |
| A110 | 600 | Infections of kidney |
| A111 | 602, 604 | Calculi of urinary system |
| A112 | 610 | Hyperplasia of prostate |
| A113 | 620, 621 | Diseases of breast |
| A114 | 601, 603, 605-609, 611-617, 622-637 | Other diseases of genito-urinary system |
| A115 | 640, 641, 681, 682, 684 | Sepsis of pregnancy, childbirth, and the puerperium |
| A116 | 642, 652, 685, 686 | Toxaemias of pregnancy and the puerperium |
| A117 | 643, 644, 670-672 | Haemorrhage of pregnancy and childbirth |
| A118 | 650 | Abortion without mention of sepsis or toxaemia |
| A119 | 651 | Abortion with sepsis |
| A120 | 645-649, 660, 673-680, 683, 687-689 | Other complications of pregnancy, childbirth, and the puerperium.  Delivery without mention of complication |
| A121 | 690-698 | Infections of skin and subcutaneous tissue |
| A122 | 720-725 | Arthritis and spondylitis |
| A123 | 726, 727 | Muscular rheumatism and rheumatism unspecified |
| A124 | 730 | Osteomyelitis and periostitis |
| A125 | 737, 745-749 | Ankylosis and acquired musculoskeletal deformities |
| A126 | 700-716, 731-736, 738-744 | All other diseases of skin and musculoskeletal system |
| A127 | 751 | Spina bifida and meningocele |
| A128 | 754 | Congenital malformations of circulatory system |
| A129 | 750, 752, 753, 755-759 | All other congenital malformations |
| A130 | 760, 761 | Birth injuries |
| A131 | 762 | Postnatal asphyxia and atelectasis |
| A132 | 763-768 | Infections of the newborn |
| A133 | 770 | Haemolytic disease of the newborn |
| A134 | 769, 771, 772 | All other defined diseases of early infancy |
| A135 | 773-776 | Ill-defined diseases peculiar to early infancy, and immaturity unqualified |
| A136 | 794 | Senility without mention of psychosis |
| A137 | 780-793, 795 | Ill-defined and unknown causes of morbidity and mortality |
| A138 | E810-E835 | Motor vehicle accidents |
| A139 | E800-E802, E840-E866 | Other transport accidents |
| A140 | E870-E895 | Accidental poisoning |
| A141 | E900-E904 | Accidental falls |
| A142 | E912 | Accident caused by machinery |
| A143 | E916 | Accident caused by fire and explosion of combustible material |
| A144 | E917, E918 | Accident caused by hot substance, corrosive liquid, steam, and radiation |
| A145 | E919 | Accident caused by firearm |
| A146 | E929 | Accidental drowning and submersion |
| A147 | E910, E911, E913-E915, E920-E928, E930-E962 | All other accidental causes |
| A148 | E963, E970-E979 | Suicide and self-inflicted injury |
| A149 | E964, E980-E985 | Homicide and injury purposely inflicted by other persons (not in war) |
| A150 | E965, E990-E999 | Injury resulting from operations of war |
| S47 | E800-E802, E840-E962 | All other accidental causes (only applied for Trinidad and Tobago, 1967 and 1968 where the data do not contain a breakdown of all other accidental causes (A139-A147). |
| CH17 | E800-E999 | CHAPTER XVII – Accidents, Poisoning, and Violence (Only applied for some countries-years when the data do not contain a breakdown of all external causes (A138-A150). |
|  | 140 | MN of lip |
|  | 141 | MN of tongue |
|  | 142 | MN of salivary gland |
|  | 143 | MN of floor of mouth |
|  | 144 | MN of other pars of mouth, and of mouth, unspecified |
|  | 145 | MN of oral mesopharynx |
|  | 146 | MN of nasopharynx |
|  | 147 | MN of hypopharynx |
|  | 148 | MN of pharynx, unspecified |
|  | 150 | MN of oesophagus |
|  | 151 | MN of stomach |
|  | 152 | MN of small intestine, including dueoenum |
|  | 153 | MN of large intesting, except rectum |
|  | 154 | MN of rectum |
|  | 155 | MN of biliary passages and of liver (stated to be primary site) |
|  | 1550 | MN of liver (stated to be primary site) |
|  | 1551 | MN of gallbladder and extrahepatic gall ducts, including ampulla of Vater |
|  | 156 | MN of liver (secondary and unspecified) |
|  | 157 | MN of pancreas |
|  | 158 | MN of peritoneum |
|  | 159 | MN of unspecified digestive organs |
|  | 160 | MN of nose, nasal cavities, middle ear, and accessory sinuses |
|  | 161 | MN of larynx |
|  | 162 | MN of bronchus and trachea, and of lung specified as primary |
|  | 163 | MN of lung, unspecified as to whether primary or secondary |
|  | 164 | MN of mediastinum |
|  | 165 | MN of thoracic organs (secondary) |
|  | 170 | MN of breast |
|  | 171 | MN of cervix uteri |
|  | 172 | MN of corpus uteri |
|  | 173 | MN of other parts of uterus, incuding chorionepithelioma |
|  | 174 | MN of uterus, unspecified |
|  | 175 | MN of ovary, Fallopian tube and broad ligament |
|  | 176 | MN of other and unspecified female genital organs |
|  | 177 | MN of prostate |
|  | 178 | MN of testis |
|  | 179 | MN of other and unspecified male genital organs |
|  | 1790 | MN of penis |
|  | 180 | MN of kidney |
|  | 181 | MN of bladder and other urinary organs |
|  | 1810 | MN of bladder |
|  | 190 | Malignant melanoma of skin |
|  | 191 | Other malignant neoplasm of skin |
|  | 192 | MN of eye |
|  | 193 | MN of brain and other parts of nervous system |
|  | 194 | MN of thyroid gland |
|  | 195 | MN of other endocrine glands |
|  | 196 | MN of bone |
|  | 197 | MN of connective tissue |
|  | 198 | Secondary and unspecified malignant neoplasm of lymph nodes |
|  | 199 | MN of other and unspecified sites |
|  | 200 | Lymphosarcoma and reticulosarcoma |
|  | 201 | Hodgkin's disease |
|  | 202 | Other forms of lymphoma (reticulosis) |
|  | 203 | Multiple myeloma (plasmocytoma) |
|  | 204 | Leukaemia and aleukaemia |
|  | 205 | Mycosis fungoides |
|  | 210+ (210-229) | Benign neoplasm |
|  | 230+ (230-239) | Neoplasm of unspecified nature |

**Table 2. ICD 7 – B List (condensed)**

| **ICD 7 - B List (condensed)** | **Detailed List Numbers** | **Cause** |
| --- | --- | --- |
| B000 |  | All causes |
| B001 | 001-008 | Tuberculosis of respiratory system |
| B002 | 010-019 | Tuberculosis, other forms |
| B003 | 020-029 | Syphilis and its sequelae |
| B004 | 040 | Typhoid fever |
| B005 | 043 | Cholera |
| B006 | 045-048 | Dysentery, all forms |
| B007 | 050, 051 | Scarlet fever and streptococcal sore throat |
| B008 | 055 | Diphtheria |
| B009 | 056 | Whooping cough |
| B010 | 057 | Meningococcal infections |
| B011 | 058 | Plague |
| B012 | 080 | Acute poliomyelitis |
| B013 | 084 | Smallpox |
| B014 | 085 | Measles |
| B015 | 100-108 | Typhus and other rickettsial diseases |
| B016 | 110-117 | Malaria |
| B017 | 030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138 | All other diseases classified as infective and parasitic |
| B018 | 140-205 | Malignant neoplasms, including neoplasms of lymphatic and haematopoietic tissues |
| B019 | 210-239 | Benign neoplasms and neoplasms of unspecified nature |
| B020 | 260 | Diabetes mellitus |
| B021 | 290-293 | Anaemias |
| B022 | 330-334 | Vascular lesions affecting central nervous system |
| B023 | 340 | Non-meningococcal meningitis |
| B024 | 400-402 | Rheumatic fever |
| B025 | 410-416 | Chronic rheumatic heart disease |
| B026 | 420-422 | Arteriosclerotic and degenerative heart disease |
| B027 | 430-434 | Other diseases of heart |
| B028 | 440-443 | Hypertension with heart disease |
| B029 | 444-447 | Hypertension without mention of heart |
| B030 | 480-483 | Influenza |
| B031 | 490-493 | Pneumonia |
| B032 | 500-502 | Bronchitis |
| B033 | 540, 541 | Ulcer of stomach and duodenum |
| B034 | 550-553 | Appendicitis |
| B035 | 560, 561, 570 | Intestinal obstruction and hernia |
| B036 | 543, 571, 572 | Gastritis, duodenitis, enteritis, and colitis, except diarrhoea of the newborn |
| B037 | 581 | Cirrhosis of liver |
| B038 | 590-594 | Nephritis and nephrosis |
| B039 | 610 | Hyperplasia of prostate |
| B040 | 640-689 | Deliveries and complications of pregnancy, childbirth, and the puerperium |
| B041 | 750-759 | Congenital malformations |
| B042 | 760-762 | Birth injuries, postnatal asphyxia and atelectasis |
| B043 | 763-768 | Infections of the newborn |
| B044 | 769-776 | Other diseases peculiar to early infancy, and immaturity unqualified |
| B045 | 780-795 | Senility without mention of psychosis, ill-defined and unknown causes |
| B046 | Residual | All other diseases |
| B047 | E810-E835 | Motor vehicle accidents |
| B048 | E800-E802, E840-E962 | All other accidents |
| B049 | E963, E970-E979 | Suicide and self-inflicted injury |
| B050 | E964, E965, E980-E999 | Homicide and operations of war |

**Table 3. ICD 8 A-LIST (condensed) and some detailed codes**

| **ICD-8 A-LIST (condensed)** | **Detailed List Numbers** | **Cause** |
| --- | --- | --- |
| A000 |  | All causes |
| A001 | 000 | Cholera |
| A002 | 001 | Typhoid fever |
| A003 | 002, 003 | Paratyphoid fever and other salmonella infections |
| A004 | 004, 006 | Bacillary dysentery and amoebiasis |
| A005 | 008, 009 | Enteritis and other diarrhoeal diseases |
| A006 | 010-012 | Tuberculosis of respiratory system |
| A007 | 013 | Tuberculosis of meninges and central nervous system |
| A008 | 014 | Tuberculosis of intestines, peritoneum and mesenteric glands |
| A009 | 015 | Tuberculosis of bones and joints |
| A010 | 016-019 | Other tuberculosis, including late effects |
| A011 | 020 | Plague |
| A012 | 022 | Anthrax |
| A013 | 023 | Brucellosis |
| A014 | 030 | Leprosy |
| A015 | 032 | Diphtheria |
| A016 | 033 | Whooping cough |
| A017 | 034 | Streptococcal sore throat and scarlet fever |
| A018 | 035 | Erysipelas |
| A019 | 036 | Meningococcal infection |
| A020 | 037 | Tetanus |
| A021 | 005, 007, 021, 024-027, 031, 038, 039 | Other bacterial diseases |
| A022 | 040-043 | Acute poliomyelitis |
| A023 | 044 | Late effects of acute poliomyelitis |
| A024 | 050 | Smallpox |
| A025 | 055 | Measles |
| A026 | 060 | Yellow fever |
| A027 | 062-065 | Viral encephalitis |
| A028 | 070 | Infectious hepatitis |
| A029 | 045, 046, 051-054, 056, 057, 061, 066-068, 071-079 | Other viral diseases |
| A030 | 080-083 | Typhus and other rickettsioses |
| A031 | 084 | Malaria |
| A032 | 086, 087 | Trypanosomiasis |
| A033 | 088 | Relapsing fever |
| A034 | 090 | Congenital syphilis |
| A035 | 091 | Early syphilis, symptomatic |
| A036 | 094 | Syphilis of central nervous system |
| A037 | 092, 093, 095-097 | Other syphilis |
| A038 | 098 | Gonococcal infections |
| A039 | 120 | Schistosomiasis |
| A040 | 122 | Hydatidosis |
| A041 | 125 | Filarial infection |
| A042 | 126 | Ancylostomiasis |
| A043 | 121, 123, 124, 127-129 | Other helminthiases |
| A044 | 085, 089, 099, 100-117, 130-136 | All other infective and parasitic diseases |
| A045 | 140-149 | Malignant neoplasm of buccal cavity and pharynx |
| A046 | 150 | Malignant neoplasm of oesophagus |
| A047 | 151 | Malignant neoplasm of stomach |
| A048 | 152, 153 | Malignant neoplasm of intestine, except rectum |
| A049 | 154 | Malignant neoplasm of rectum and rectosigmoid junction |
| A050 | 161 | Malignant neoplasm of larynx |
| A051 | 162 | Malignant neoplasm of trachea, bronchus and lung |
| A052 | 170 | Malignant neoplasm of bone |
| A053 | 172, 173 | Malignant neoplasm of skin |
| A054 | 174 | Malignant neoplasm of breast |
| A055 | 180 | Malignant neoplasm of cervix uteri |
| A056 | 181, 182 | Other malignant neoplasm of uterus |
| A057 | 185 | Malignant neoplasm of prostate |
| A058 | 155-160, 163, 171, 183, 184, 186-199 | Malignant neoplasm of other and unspecified sites |
| A059 | 204-207 | Leukaemia |
| A060 | 200-203, 208, 209 | Other neoplasms of lymphatic and haemotopoietic tissue |
| A061 | 210-239 | Benign neoplasms and neoplasms of unspecified nature |
| A062 | 240, 241 | Non-toxic goitre |
| A063 | 242 | Thyrotoxicosis with or without goitre |
| A064 | 250 | Diabetes mellitus |
| A065 | 260-269 | Avitaminoses and other nutritional deficiency |
| A066 | 243-246, 251-258, 270-279 | Other endocrine and metabolic diseases |
| A067 | 280-285 | Anaemias |
| A068 | 286-289 | Other diseases of blood and blood-forming organs |
| A069 | 290-299 | Psychoses |
| A070 | 300-309 | Neuroses, personality disorders and other non-psychotic mental disorders |
| A071 | 310-315 | Mental retardation |
| A072 | 320 | Meningitis |
| A073 | 340 | Multiple sclerosis |
| A074 | 345 | Epilepsy |
| A075 | 360-369 | Inflammatory diseases of eye |
| A076 | 374 | Cataract |
| A077 | 375 | Glaucoma |
| A078 | 381-383 | Otitis media and mastoiditis |
| A079 | 321-333, 341-344, 346-358, 370-373, 376-380, 384-389 | Other diseases of nervous system and sense organs |
| A080 | 390-392 | Active rheumatic fever |
| A081 | 393-398 | Chronic rheumatic heart disease |
| A082 | 400-404 | Hypertensive disease |
| A083 | 410-414 | Ischaemic heart disease |
| A084 | 420-429 | Other forms of heart disease |
| A085 | 430-438 | Cerebrovascular disease |
| A086 | 440-448 | Diseases of arteries, arterioles and capillaries |
| A087 | 450-453 | Venous thrombosis and embolism |
| A088 | 454-458 | Other diseases of circulatory system |
| A089 | 460-466 | Acute respiratory infections |
| A090 | 470-474 | Influenza |
| A091 | 480 | Viral pneumonia |
| A092 | 481-486 | Other pneumonia |
| A093 | 490-493 | Bronchitis, emphysema and asthma |
| A094 | 500 | Hypertrophy of tonsils and adenoids |
| A095 | 510, 513 | Empyema and abscess of lung |
| A096 | 501-508, 511, 512, 514-519 | Other diseases of respiratory system |
| A097 | 520-525 | Diseases of teeth and supporting structures |
| A098 | 531-533 | Peptic ulcer |
| A099 | 535 | Gastritis and duodenitis |
| A100 | 540-543 | Appendicitis |
| A101 | 550-553, 560 | Intestinal obstruction and hernia |
| A102 | 571 | Cirrhosis of liver |
| A103 | 574, 575 | Cholelithiasis and cholecystitis |
| A104 | 526-530, 534, 536, 537, 561-570, 572, 573, 576, 577 | Other diseases of digestive system |
| A105 | 580 | Acute nephritis |
| A106 | 581-584 | Other nephritis and nephrosis |
| A107 | 590 | Infections of kidney |
| A108 | 592, 594 | Calculus of urinary system |
| A109 | 600 | Hyperplasia of prostate |
| A110 | 610, 611 | Diseases of breast |
| A111 | 591, 593, 595-599, 601-607, 612-629 | Other diseases of genito-urinary system |
| A112 | 636-639 | Toxaemias of pregnancy and the puerperium |
| A113 | 632, 651-653 | Haemorrhage of pregnancy and childbirth |
| A114 | 640, 641 | Abortion induced for legal indications |
| A115 | 642-645 | Other and unspecified abortion |
| A116 | 670, 671, 673 | Sepsis of childbirth and the puerperium |
| A117 | 630, 631, 633-635, 654-662, 672, 674-678 | Other complications of pregnancy, childbirth and the puerperium |
| A118 | 650 | Delivery without mention of complication |
| A119 | 680-686 | Infections of skin and subcutaneous tissue |
| A120 | 690-709 | Other diseases of skin and subcutaneous tissue |
| A121 | 710-715 | Arthritis and spondylitis |
| A122 | 716-718 | Non-articular rheumatism and rheumatism unspecified |
| A123 | 720 | Osteomyelitis and periostitis |
| A124 | 727, 735-738 | Ankylosis and acquired musculoskeletal deformities |
| A125 | 721-726, 728-734 | Other diseases of musculoskeletal system and connective tissue |
| A126 | 741 | Spina bifida |
| A127 | 746 | Congenital anomalies of heart |
| A128 | 747 | Other congenital anomalies of circulatory system |
| A129 | 749 | Cleft palate and cleft lip |
| A130 | 740, 742-745, 748, 750-759 | All other congenital anomalies |
| A131 | 764-768, 772 | Birth injury and difficult labour |
| A132 | 770, 771 | Conditions of placenta and cord |
| A133 | 774, 775 | Haemolytic disease of newborn |
| A134 | 776 | Anoxic and hypoxic conditions not elsewhere classified |
| A135 | 760-763, 769, 773, 777-779 | Other causes of perinatal morbidity and mortality |
| A136 | 794 | Senility without mention of psychosis |
| A137 | 780-793, 795, 796 | Symptoms and other ill-defined conditions |
| A138 | E810-E823 | Motor vehicle accidents |
| A139 | E800-E807, E825-E845 | Other transport accidents |
| A140 | E850-E877 | Accidental poisoning |
| A141 | E880-E887 | Accidental falls |
| A142 | E890-E899 | Accidents caused by fires |
| A143 | E910 | Accidental drowning and submersion |
| A144 | E922 | Accident caused by firearm missiles |
| A145 | E916-E921, E923-E928 | Accidents mainly of industrial type |
| A146 | E900-E909, E911-E915, E929-E949 | All other accidents |
| A147 | E950-E959 | Suicide and self inflicted injury |
| A148 | E960-E978 | Homicide and injury purposely inflicted by other persons; legal intervention |
| A149 | E980-E989 | Injury undetermined whether accidentally or purposely inflicted |
| A150 | E990-E999 | Injury resulting from operations of war |
| S47 | E800-E949 | All accidental causes (Only applied for Poland 1972-1979 where the data do not contain a breakdown of all accidental causes by A138-A146). |
| CH17 | E800-E999 | CHAPTER XVII – Accidents, Poisoning, and Violence (Only applied for some countries-years when the data do not contain a breakdown of all external causes by A138-A150). |
|  | 140 | MN of lip |
|  | 141 | MN of tongue |
|  | 142 | MN of salivary gland |
|  | 143 | MN of gum |
|  | 1431 | MN of lower gum |
|  | 144 | MN of floor of mouth |
|  | 145 | MN of other and unspecified parts of mouth |
|  | 146 | MN neoplasm of oropharynx |
|  | 147 | MN of nasopharynx |
|  | 148 | MN of hypopharynx |
|  | 149 | MN of pharynx, unspecified |
|  | 150 | MN of oesophagus |
|  | 151 | MN of stomach |
|  | 152 | MN of small intestine, including duodenum |
|  | 153 | MN of large intestine, except rectum |
|  | 154 | MN of rectum and rectosigmoid junction |
|  | 155 | MN of liver and intrahepatic bile ducts, specified as primary |
|  | 156 | MN of gallbladder and bile ducts |
|  | 157 | MN of pancreas |
|  | 158 | MN of peritoneum and retroperitoneal tissue |
|  | 159 | MN of unspecified digestive organs |
|  | 160 | MN of nose, nasal cavities, middle ear and accessory sinuses |
|  | 161 | MN of larynx |
|  | 162 | MN of trachea, bronchus and lung |
|  | 163 | MN of other and unspecified respiratory organs |
|  | 1630 | MN of pleura |
|  | 170 | MN of bone |
|  | 171 | MN of connective and other soft tissue |
|  | 172 | Malignant melanoma of skin |
|  | 1725 | MN of scrotum |
|  | 173 | Other malignant neoplasm of skin |
|  | 1735 | Other malignant neoplasm of scrotum |
|  | 174 | MN of breast |
|  | 180 | MN of cervix uteri |
|  | 181 | Chorionepithelioma |
|  | 182 | Other malignant neoplasm of uterus |
|  | 1820 | Other malignant neoplasm of corpus uteri |
|  | 183 | MN of ovary, fallopian tube and broad ligament |
|  | 184 | MN of other and unspecified female genital organs |
|  | 185 | MN of prostate |
|  | 186 | MN of testis |
|  | 187 | MN of other and unspecified male genital organs |
|  | 188 | MN of bladder |
|  | 189 | MN of other and unspecified urinary organs |
|  | 1890 | MN of kidney, except pelvis |
|  | 1891 | MN of pelvis of kidney |
|  | 1892 | MN of ureter |
|  | 1899 | MN of other and unspecified |
|  | 190 | MN of eye |
|  | 191 | MN of brain |
|  | 192 | MN of other parts of nervous system |
|  | 1920 | MN of cranial nerves (including optic) |
|  | 1921 | MN of cerebral meninges |
|  | 1922 | MN of spinal cord |
|  | 1925 | MN of sympathetic nervous system |
|  | 193 | MN of thyroid gland |
|  | 194 | MN of other endocrine glands |
|  | 195 | MN of ill-defined sites |
|  | 196 | Secondary and unspecified malignant neoplasm of lymph nodes |
|  | 197 | Secondary malignant neoplasm of respiratory and digestive systems |
|  | 1970 | Lung specified as secondary |
|  | 1971 | Mediastinum, specified as secondary |
|  | 1972 | Pleura, specified as secondary |
|  | 1973 | Other respiratory organs, specified as secondary |
|  | 1974 | Small intestine, including duodenum, specified as secondary |
|  | 1975 | Large intestine and rectum, specified as secondary |
|  | 1976 | Peritoneum, specified as secondary |
|  | 1977 | Liver, specified as secondary |
|  | 1978 | Liver, unspecified |
|  | 1979 | Other digestive organs, specified as secondary |
|  | 198 | Other secondary malignant neoplasm |
|  | 199 | MN without specification of site |
|  | 200 | Lymphosarcoma and reticulum-cell sarcoma |
|  | 2000 | Reticulum-cell sarcoma |
|  | 2001 | Lymphosarcoma |
|  | 201 | Hodgkin's disease |
|  | 202 | Other neoplasms of lymphoid tissue |
|  | 2020 | Giant follicular lymphoma |
|  | 2021 | Mycosis fungoides |
|  | 2022 | Other primary malignant neoplams of lymphoid tissue |
|  | 2029 | Other forms of lymphoma |
|  | 203 | Multiple myeloma |
|  | 204 | Lymphatic leukaemia |
|  | 205 | Myeloid leukaemia |
|  | 206 | Monocytic leukaemia |
|  | 207 | Other and unspecified leukaemia |
|  | 208 | Polycythaemia vera |
|  | 209 | Myelofibrosis |
|  | 210 | Benign neoplasm of buccal cavity and pharynx |
|  | 211 | Benign neoplasm other parts of digestive system |
|  | 212 | Benign neoplasm of respiratory system |
|  | 213 | Benign neoplasm of bone and cartilage |
|  | 214 | Lipoma |
|  | 215 | Other benign neoplasm of muscular and connective tissue |
|  | 216 | Benign neoplasm of skin |
|  | 217 | Benign neoplasm of breast |
|  | 218 | Uterine fibroma |
|  | 219 | Other benign neoplasm of uterus |
|  | 220 | Benign neoplasm of ovary |
|  | 221 | Benign neoplasm of other female genital organs |
|  | 222 | Benign neoplasm of male genital organs |
|  | 223 | Benign neoplasm of kidney and other urinary organs |
|  | 224 | Benign neoplasm of eye |
|  | 225 | Benign neoplasm of brain and other parts of nervous system |
|  | 226 | Benign neoplasm of endocrine glands |
|  | 227 | Haemangioma and lymphangioma |
|  | 228 | Benign neoplam of other and unspecified organs and tissues |
|  | 230 | Neoplasm of unspecified nature of digestive organs |
|  | 231 | Neoplasm of unspecified nature of respiratory organs |
|  | 232 | Neoplasm of unspecified nature of skin and musculoskeletal system |
|  | 233 | Neoplasm of unspecified nature of breast |
|  | 234 | Neoplasm of unspecified nature of uterus |
|  | 235 | Neoplasm of unspecified nature of ovary |
|  | 236 | Neoplasm of unspecified nature of other female genital organs |
|  | 237 | Neoplasm of unspecified nature of other genito-urinary organs |
|  | 238 | Neoplasm of unspecified nature of eye, brain and other parts of nervous system |
|  | 239 | Neoplasm of unspecified nature of other and unspecified organs |

**Table 4. ICD-8 B-List (condensed)**

| **ICD-8 B-LIST (condensed)** | **Detailed List Numbers** | **Cause** |
| --- | --- | --- |
| B000 |  | All causes |
| B001 | 000 | Cholera |
| B002 | 001 | Typhoid fever |
| B003 | 004, 006 | Bacillary dysentery and amoebiasis |
| B004 | 008, 009 | Enteritis and other diarrhoeal diseases |
| B005 | 010-012 | Tuberculosis of respiratory system |
| B006 | 013-019 | Other tuberculosis, including late effects |
| B007 | 020 | Plague |
| B008 | 032 | Diphtheria |
| B009 | 033 | Whooping cough |
| B010 | 034 | Streptococcal sore throat and scarlet fever |
| B011 | 036 | Meningococcal infection |
| B012 | 040-043 | Acute poliomyelitis |
| B013 | 050 | Smallpox |
| B014 | 055 | Measles |
| B015 | 080-083 | Typhus and other rickettsioses |
| B016 | 084 | Malaria |
| B017 | 090-097 | Syphilis and its sequelae |
| B018 | Remainder of 000-136 | All other infective and parasitic diseases |
| B019 | 140-209 | Malignant neoplasms, including neoplasms of lymphatic and haematopoietic tissue |
| B020 | 210-239 | Benign neoplasms and neoplasms of unspecified nature |
| B021 | 250 | Diabetes mellitus |
| B022 | 260-269 | Avitaminoses and other nutritional deficiency |
| B023 | 280-285 | Anaemias |
| B024 | 320 | Meningitis |
| B025 | 390-392 | Active rheumatic fever |
| B026 | 393-398 | Chronic rheumatic heart disease |
| B027 | 400-404 | Hypertensive disease |
| B028 | 410-414 | Ischaemic heart disease |
| B029 | 420-429 | Other forms of heart disease |
| B030 | 430-438 | Cerebrovascular disease |
| B031 | 470-474 | Influenza |
| B032 | 480-486 | Pneumonia |
| B033 | 490-493 | Bronchitis, emphysema and asthma |
| B034 | 531-533 | Peptic ulcer |
| B035 | 540-543 | Appendicitis |
| B036 | 550-553, 560 | Intestinal obstruction and hernia |
| B037 | 571 | Cirrhosis of liver |
| B038 | 580-584 | Nephritis and nephrosis |
| B039 | 600 | Hyperplasia of prostate |
| B040 | 640-645 | Abortion |
| B041 | 630-639, 650-678 | Other complications of pregnancy, childbirth and the puerperium. Delivery without mention of complication |
| B042 | 740-759 | Congenital anomalies |
| B043 | 764-768, 772, 776 | Birth injury, difficult labour and other anoxic and hypoxic conditions |
| B044 | 760-763, 769-771, 773-775, 777-779 | Other causes of perinatal mortality |
| B045 | 780-796 | Symptoms and ill-defined conditions |
| B046 | Remainder of 240-738 | All other diseases |
| B047 | E810-E823 | Motor vehicle accidents |
| B048 | E800-E807, E825-E949 | All other accidents |
| B049 | E950-E959 | Suicide and self-inflicted injuries |
| B050 | E960-E999 | All other external causes |

**Table 5. ICD-9 BTL (Basic Tabulation List) and some detailed codes**

| **ICD-9 BTL (Basic Tabulation List) LIST)** | **Detailed List Numbers** | **Cause** |
| --- | --- | --- |
| B00 |  | All causes |
| B01 | 001-009 | Intestinal infectious diseases |
| B010 | 001 | Cholera |
| B011 | 002.0 | Typhoid fever |
| B012 | 004 | Shigellosis |
| B013 | 003, 005 | Food poisoning |
| B014 | 006 | Amoebiasis |
| B015 | 007, 008 | Intestinal infections due to other specified organism |
| B016 | 009 | Ill-defined intestinal infections |
| B019 |  | Remainder of B01 |
| B02 | 010-018 | Tuberculosis |
| B020 | 011 | Pulmonary tuberculosis |
| B021 | 010, 012 | Other respiratory tuberculosis |
| B022 | 013 | Tuberculosis of meninges and central nervous system |
| B023 | 014 | Tuberculosis of intestines, peritoneum and mesenteric glands |
| B024 | 015 | Tuberculosis of bones and joints |
| B025 | 016 | Tuberculosis of genitourinary system |
| B029 |  | Remainder of B02 |
| B03 | 020-041 | Other bacterial diseases |
| B030 | 020 | Plague |
| B031 | 023 | Brucellosis |
| B032 | 030 | Leprosy |
| B033 | 032 | Diphtheria |
| B034 | 033 | Whooping cough |
| B035 | 034, 035 | Streptococcal sore throat, scarlatina and erysipelas |
| B036 | 036 | Meningococcal infection |
| B037 | 037 | Tetanus |
| B038 | 038 | Septicaemia |
| B039 |  | Remainder of B03 |
| B04 | 045-079 | Viral diseases |
| B040 | 045 | Acute poliomyelitis |
| B041 | 050 | Smallpox |
| B042 | 055 | Measles |
| B043 | 056 | Rubella |
| B044 | 060 | Yellow fever |
| B045 | 062-064 | Arthropod-borne encephalitis |
| B046 | 070 | Viral hepatitis |
| B047 | 071 | Rabies |
| B048 | 076 | Trachoma |
| B049 |  | Remainder of B04 |
| B05 | 080-088 | Rickettsiosis and other arthropod-borne diseases |
| B050 | 080 | Louse-borne typhus |
| B051 | 081-083 | Other rickettsiosis |
| B052 | 084 | Malaria |
| B053 | 085 | Leishmaniasis |
| B054 | 086 | Trypanosomiasis |
| B059 |  | Remainder of B05 |
| B06 | 090-099 | Venereal diseases |
| B060 | 090-097 | Syphilis |
| B061 | 098 | Gonococcal infections |
| B069 |  | Remainder of B06 |
| B07 | 100-139 | Other infectious and parasitic diseases and late effects of infectious and parasitic diseases |
| B070 | 100-104 | Non-syphilitic spirochaetal diseases |
| B071 | 110-118 | Mycosis |
| B072 | 120 | Schistosomiasis |
| B073 | 122 | Echinococcosis |
| B074 | 125 | Filarial infection and dracontiasis |
| B075 | 126 | Ancylostomiasis and necatoriasis |
| B076 | 121, 123, 124, 127-129 | Other helminthiasis |
| B077 | 137 | Late effects of tuberculosis |
| B078 | 138 | Late effects of acute poliomyelitis |
| B079 |  | Remainder of B07 |
| B08 | 140-149 | Malignant neoplasm of lip, oral cavity and pharynx |
| B09 | 150-159 | Malignant neoplasm of digestive organs and peritoneum |
| B090 | 150 | Malignant neoplasm of oesophagus |
| B091 | 151 | Malignant neoplasm of stomach |
| B092 | 152 | Malignant neoplasm of small intestine, including duodenum |
| B093 | 153 | Malignant neoplasm of colon |
| B094 | 154 | Malignant neoplasm of rectum, rectosigmoid junction and anus |
| B095 | 155.0 | Malignant neoplasm of liver, specified as primary |
| B096 | 157 | Malignant neoplasm of pancreas |
| B099 |  | Remainder of B09 |
| B10 |  | Malignant neoplasm of respiratory and intrathoracic organs 160-165 |
| B100 | 161 | Malignant neoplasm of larynx |
| B101 | 162 | Malignant neoplasm of trachea, bronchus and lung |
| B109 |  | Remainder of B10 |
| B11 | 170-175 | Malignant neoplasm of bone, connective tissue, skin and breast |
| B110 | 170 | Malignant neoplasm of bone and articular cartilage |
| B111 | 172 | Malignant melanoma of skin |
| B112 | 173 | Other malignant neoplasm of skin |
| B113 | 174 | Malignant neoplasm of female breast |
| B119 |  | Remainder of B11 |
| B12 | 179-189 | Malignant neoplasm of genitourinary organs |
| B120 | 180 | Malignant neoplasm of cervix uteri |
| B121 | 181 | Malignant neoplasm of placenta |
| B122 | 179, 182 | Malignant neoplasm of uterus, other and unspecified |
| B123 | 183 | Malignant neoplasm of ovary and other uterine adnexa |
| B124 | 185 | Malignant neoplasm of prostate |
| B125 | 186 | Malignant neoplasm of testis |
| B126 | 188 | Malignant neoplasm of bladder |
| B129 |  | Remainder of B12 |
| B13 | 190-199 | Malignant neoplasm of other and unspecified sites |
| B130 | 191 | Malignant neoplasm of brain |
| B139 |  | Remainder of B13 |
| B14 | 200-208 | Malignant neoplasm of lymphatic and haemopoietic tissue |
| B140 | 201 | Hodgkin's disease |
| B141 | 204-208 | Leukaemia |
| B149 |  | Remainder of B14 |
| B15 | 210-229 | Benign neoplasm |
| B150 | 216 | Benign neoplasm of skin |
| B151 | 217 | Benign neoplasm of breast |
| B152 | 218, 219 | Benign neoplasm of uterus |
| B153 | 220 | Benign neoplasm of ovary |
| B154 | 223 | Benign neoplasm of kidney and other urinary organs |
| B155 | 225 | Benign neoplasm of nervous system |
| B156 | 226 | Benign neoplasm of thyroid |
| B159 |  | Remainder of B15 |
| B16 | 230-234 | Carcinoma in situ |
| B17 | 235-239 | Other and unspecified neoplasm |
| B18 | 240-259, 270-279 | Endocrine and metabolic diseases, immunity disorders |
| B180 | 240-246 | Disorders of thyroid gland |
| B181 | 250 | Diabetes mellitus |
| B182 | 272.0, 272.1 | Hyperlipoproteinaemia |
| B183 | 278.0 | Obesity of non-endocrine origin |
| B184 | 279.5 | Human immunodeficiency virus [HIV] disease [AIDS] |
| B185 | 2796 | AIDS-related complex |
| B189 |  | Remainder of B18 |
| B19 | 260-269 | Nutritional deficiencies |
| B190 | 260 | Kwashiorkor |
| B191 | 261 | Nutritional marasmus |
| B192 | 262, 263 | Other protein-calorie malnutrition |
| B193 | 264-269 | Avitaminosis |
| B199 |  | Remainder of B19 |
| B20 | 280-289 | Diseases of blood and blood-forming organs |
| B200 | 280-285 | Anaemias |
| B209 |  | Remainder of B20 |
| B21 | 290-319 | Mental disorders |
| B210 | 290 | Senile and presenile organic psychotic conditions |
| B211 | 295 | Schizophrenic psychoses |
| B212 | 296 | Affective psychoses |
| B213 | 291-294, 297-299 | Other psychoses |
| B214 | 300, 301 | Neurotic and personality disorders |
| B215 | 303 | Alcohol dependence syndrome |
| B216 | 304 | Drug dependence |
| B217 | 306 | Physiological malnutrition arising from mental factors |
| B218 | 317-319 | Mental retardation |
| B219 |  | Remainder of B21 |
| B22 | 320-359 | Diseases of the nervous system |
| B220 | 320-322 | Meningitis |
| B221 | 332 | Parkinson's disease |
| B222 | 330, 331, 333-336 | Other degenerative and hereditary disorders of the central nervous system |
| B223 | 340 | Multiple sclerosis |
| B224 | 343, 344 | Infantile cerebral palsy and other paralytic syndromes |
| B225 | 345 | Epilepsy |
| B229 |  | Remainder of B22 |
| B23 | 360-379 | Disorders of the eye and adnexa |
| B230 | 365 | Glaucoma |
| B231 | 366 | Cataract |
| B232 | 369 | Blindness and low vision |
| B233 | 372.0-372.3 | Conjunctivitis |
| B234 | 375 | Disorders of lacrimal system |
| B235 | 378 | Strabismus and other disorders of binocular eye movements |
| B239 |  | Remainder of B23 |
| B24 | 380-389 | Diseases of the ear and mastoid process |
| B240 | 381-383 | Otitis media and mastoiditis |
| B241 | 389 | Deafness |
| B249 |  | Remainder of B24 |
| B25 | 390-398 | Rheumatic fever and rheumatic heart disease |
| B250 | 390-392 | Acute rheumatic fever |
| B251 | 393-398 | Chronic rheumatic heart disease |
| B259 |  | Remainder of B25 |
| B26 | 401-405 | Hypertensive disease |
| B260 | 402, 404 | Hypertensive heart disease |
| B269 |  | Remainder of B26 |
| B27 | 410-414 | Ischaemic heart disease |
| B270 | 410 | Acute myocardial infarction |
| B279 |  | Remainder of B27 |
| B28 | 415-429 | Diseases of pulmonary circulation and other forms of heart disease |
| B280 | 415.1 | Pulmonary embolism |
| B281 | 427 | Cardiac dysrhythmias |
| B289 |  | Remainder of B28 |
| B29 | 430-438 | Cerebrovascular disease |
| B290 | 430 | Subarachnoid haemorrhage |
| B291 | 431, 432 | Intracerebral and other intracranial haemorrhage |
| B292 | 433, 434 | Cerebral infarction |
| B293 | 436 | Acute but ill-defined cerebrovascular disease |
| B294 | 437.0 | Cerebral atherosclerosis |
| B299 |  | Remainder of B29 |
| B30 | 440-459 | Other diseases of the circulatory system |
| B300 | 440 | Atherosclerosis |
| B301 | 444 | Arterial embolism and thrombosis |
| B302 | 441-443, 446-448 | Other diseases of arteries, arterioles and capillaries |
| B303 | 451-453 | Phlebitis, thrombophlebitis, venous embolism and thrombosis |
| B304 | 454 | Varicose veins of lower extremities |
| B305 | 455 | Haemorrhoids |
| B309 |  | Remainder of B30 |
| B31 | 460-465, 470-478 | Diseases of the upper respiratory tract |
| B310 | 463 | Acute tonsillitis |
| B311 | 464 | Acute laryngitis and tracheitis |
| B312 | 460-462, 465 | Other acute upper respiratory infections |
| B313 | 470, 471 | Deflected nasal septum and nasal polyps |
| B314 | 472, 473 | Chronic pharyngitis, nasopharyngitis and sinusitis |
| B315 | 474 | Chronic diseases of tonsils and adenoids |
| B319 |  | Remainder of B31 |
| B32 | 466, 480-519 | Other diseases of the respiratory system |
| B320 | 466 | Acute bronchitis and bronchiolitis |
| B321 | 480-486 | Pneumonia |
| B322 | 487 | Influenza |
| B323 | 490-493 | Bronchitis, chronic and unspecified, emphysema and asthma |
| B324 | 494 | Bronchiectasis |
| B325 | 495, 496 | Other chronic obstructive pulmonary disease |
| B326 | 500-508 | Pneumoconiosis and other lung disease due to external agents |
| B327 | 511 | Pleurisy |
| B329 |  | Remainder of B32 |
| B33 | 520-529 | Diseases of oral cavity, salivary glands and jaws |
| B330 | 520-525 | Diseases of teeth and supporting structures |
| B331 | 526 | Diseases of the jaws |
| B339 |  | Remainder of B33 |
| B34 | 530-579 | Diseases of other parts of the digestive system |
| B340 | 530 | Diseases of oesophagus |
| B341 | 531-533 | Ulcer of stomach and duodenum |
| B342 | 540-543 | Appendicitis |
| B343 | 550-553 | Hernia of abdominal cavity |
| B344 | 560 | Intestinal obstruction without mention of hernia |
| B345 | 562 | Diverticula of intestine |
| B346 | 564 | Other functional digestive disorders |
| B347 | 571 | Chronic liver disease and cirrhosis |
| B348 | 574-575.1 | Cholelithiasis and cholecystitis |
| B349 |  | Remainder of B34 |
| B35 | 580-599 | Diseases of urinary system |
| B350 | 580-589 | Nephritis, nephrotic syndrome and nephrosis |
| B351 | 590 | Infections of kidney |
| B352 | 592, 594 | Urinary calculus |
| B353 | 595 | Cystitis |
| B359 |  | Remainder of B35 |
| B36 | 600-608 | Diseases of male genital organs |
| B360 | 600 | Hyperplasia of prostate |
| B361 | 603 | Hydrocele |
| B362 | 605 | Redundant prepuce and phimosis |
| B363 | 606 | Infertility, male |
| B369 |  | Remainder of B36 |
| B37 | 610-629 | Diseases of female genital organs |
| B370 | 610, 611 | Diseases of breast |
| B371 | 614.0-614.2 | Salpingitis and oophoritis |
| B372 | 614.3-614.9 | Inflammatory diseases of pelvic cellular tissue and peritoneum |
| B373 | 615, 616 | Inflammatory diseases of uterus, vagina and vulva |
| B374 | 618 | Uterovaginal prolapse |
| B375 | 626.0-626.5 | Menstrual disorders |
| B376 | 628 | Infertility, female |
| B379 |  | Remainder of B37 |
| B38 | 630-639 | Abortion |
| B380 | 634 | Spontaneous abortion |
| B381 | 635 | Legally induced abortion |
| B382 | 636 | Illegally induced abortion |
| B389 |  | Remainder of B38 |
| B39 | 640-646, 651-676 | Direct obstetric causes |
| B390 | 640, 641, 666 | Haemorrhage of pregnancy and childbirth |
| B391 | 642.4-642.9, 643 | Toxaemia of pregnancy |
| B392 | 646.6 | Infections of genitourinary tract in pregnancy |
| B393 | 660 | Obstructed labour |
| B394 | 670-676 | Complications of the puerperium |
| B399 |  | Remainder of B39 |
| B40 | 647, 648 | Indirect obstetric causes |
| B41 | 650 | Normal delivery |
| B42 | 680-709 | Diseases of skin and subcutaneous tissue |
| B420 | 680-686 | Infections of skin and subcutaneous tissue |
| B429 |  | Remainder of B42 |
| B43 | 710-739 | Diseases of the musculoskeletal system and connective tissue |
| B430 | 714 | Rheumatoid arthritis, except spine |
| B431 | 710-713, 715, 716 | Other arthropathies |
| B432 | 717-719 | Other disorders of joints |
| B433 | 720.0 | Ankylosing spondylitis |
| B434 | 720.1-724 | Other dorsopathies; |
| B435 | 725-729 | Rheumatism, excluding the back |
| B436 | 730 | Osteomyelitis, periostitis and other infections involving bone |
| B437 | 734-736 | Acquired deformities of limbs |
| B439 |  | Remainder of B43 |
| B44 | 740-759 | Congenital anomalies |
| B440 | 741, 742.3 | Spina bifida and hydrocephalus |
| B441 | 740, 742.0-742.2, 742.4-742.9 | Other deformities of central nervous system |
| B442 | 745-747 | Congenital anomalies of heart and circulatory system |
| B443 | 749 | Cleft palate and cleft lip |
| B444 | 750, 751 | Other deformities of digestive system |
| B445 | 752.5 | Undescended testicle |
| B446 | 754.3 | Congenital dislocation of hip |
| B447 | 754.0-754.2, 754.4-756 | Other congenital anomalies of musculoskeletal system |
| B449 |  | Remainder of B44 |
| B45 | 760-779 | Certain conditions originating in the perinatal period |
| B450 | 760 | Maternal conditions affecting fetus or newborn |
| B451 | 761-763 | Obstetric complications affecting fetus or newborn |
| B452 | 764, 765 | Slow fetal growth, fetal malnutrition and immaturity |
| B453 | 767 | Birth trauma |
| B454 | 768-770 | Hypoxia, birth asphyxia and other respiratory conditions |
| B455 | 773 | Haemolytic disease of fetus or newborn |
| B459 |  | Remainder of B45 |
| B46 | 780-799 | Signs, symptoms and ill-defined conditions |
| B460 | 780.6 | Pyrexia of unknown origin |
| B461 | 785.0-785.3 | Symptoms involving heart |
| B462 | 788.0 | Renal colic |
| B463 | 788.2 | Retention of urine |
| B464 | 789.0 | Abdominal pain |
| B465 | 797 | Senility without mention of psychosis |
| B466 | 798.0 | Sudden infant death syndrome |
| B467 | 799.1 | Respiratory failure |
| B469 |  | Remainder of B46 |
| B47 | E800-E848 | Transport accidents |
| B470 | E800-E807 | Railway accidents |
| B471 | E810-E819 | Motor vehicle traffic accidents |
| B472 | E826-E829 | Other road vehicle accidents |
| B473 | E830-E838 | Water transport accidents |
| B474 | E840-E845 | Air and space transport accidents |
| B479 |  | Remainder of B47 |
| B48 | E850-E869 | Accidental poisoning |
| B480 | E850-E858 | Accidental poisoning by drugs, medicaments and biologicals |
| B481 | E860-E866 | Accidental poisoning by other solid and liquid substances |
| B482 | E867-E869 | Accidental poisoning by gases and vapours |
| B49 | E870-E879 | Misadventures during medical care, abnormal reactions, late complications |
| B50 | E880-E888 | Accidental falls |
| B51 | E890-E899 | Accidents caused by fire and flames |
| B52 | E900-E929 | Other accidents, including late effects |
| B520 | E900-E909 | Accidents due to natural and environmental factors |
| B521 | E910 | Accidental drowning and submersion |
| B522 | E914, E915 | Foreign body accidentally entering orifice |
| B523 | E919, E920 | Accidents caused by machinery, and by cutting and piercing instruments |
| B524 | E922 | Accidents caused by firearm missile |
| B529 |  | Remainder of B52 |
| B53 | E930-E949 | Drugs, medicaments causing adverse effects in therapeutic use |
| B54 | E950-E959 | Suicide and self-inflicted injury |
| B55 | E960-E969 | Homicide and injury purposely inflicted by other persons |
| B56 | E970-E999 | Other violence |
| B560 | E980-E989 | Injury undetermined whether accidentally or purposely inflicted |
| B561 | E990-E999 | Injury resulting from operation of war |
| B569 |  | Remainder of B56 |
| S47 |  | All accidental causes (Only applied for Bahamas 1983 where the data do not contain a breakdown of all accidental causes by B47-B52). |
| CH17 |  | CHAPTER XVII – Injury and Poisoning (Only applied for some countries-years when the data do not contain a breakdown of all external causes by B47-B56). |
|  | 140 | MN OF LIP |
|  | 141 | MN OF TONGUE |
|  | 1410 | MN OF BASE OF TONGUE |
|  | 142 | MN OF MAJOR SALIVARY GLANDS |
|  | 143 | MN OF GUM |
|  | 144 | MN OF FLOOR OF MOUTH |
|  | 145 | MN OF OTHER AND UNSPECIFIED PARTS OF MOUTH |
|  | 146 | MN OF OROPHARYNX |
|  | 1460 | MN OF TONSIL |
|  | 147 | MN OF NASOPHARYNX |
|  | 148 | MN OF HYPOPHARYNX |
|  | 149 | MN OF OTHER AND ILL-DEFINED SITES WITHIN THE LIP ETC. |
|  | 1533 | MN OF SIGMOID COLON |
|  | 1540 | MN OF RECTOSIGMOID JUNCTION |
|  | 1541 | MN OF RECTUM |
|  | 1551 | MN OF INTRAHEPATIC BILE DUCTS |
|  | 1552 | MN OF LIVER, NOT SPECIFIED AS PRIMARY OR SECONDARY |
|  | 156 | MN OF GALLBLADDER AND EXTRAHEPATIC BILE DUCTS |
|  | 1560 | MN OF GALLBLADDER |
|  | 158 | MN OF RETROPERITONEUM AND PERITONEUM |
|  | 159 | MN OF OTHER SITES WITHIN THE DIGESTIVE ORGANS ETC. |
|  | 160 | MN OF NASAL CAVITIES, MIDDLE EAR AND ACCESSORY SINUSES |
|  | 1600 | MN OF NASAL CAVITIES |
|  | 1602 | MN OF MAXILLARY SINUS |
|  | 1610 | MN OF GLOTTIS |
|  | 163 | MN OF PLEURA |
|  | 164 | MN OF THYMUS, HEART AND MEDIASTINUM |
|  | 165 | MN OF OTHER SITES WITHIN THE RESPIRATORY SYSTEM ETC. |
|  | 171 | MN OF CONNECTIVE AND OTHER SOFT TISSUE |
|  | 175 | MN OF MALE BREAST |
|  | 179 | MN OF UTERUS, PART UNSPECIFIED |
|  | 182 | MN OF BODY OF UTERUS |
|  | 1830 | MN OF OVARY |
|  | 184 | MN OF OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS |
|  | 187 | MN OF PENIS AND OTHER MALE GENITAL ORGANS |
|  | 1877 | MN OF SCROTUM |
|  | 189 | MN OF KIDNEY AND OTHER UNSPECIFIED URINARY ORGANS |
|  | 1890 | MN OF KIDNEY, EXCEPT PELVIS |
|  | 1891 | MN OF RENAL PELVIS |
|  | 1892 | MN OF URETER |
|  | 190 | MN OF EYE |
|  | 192 | MN OF OTHER AND UNSPECIFIED PARTS OF NERVOUS SYSTEM |
|  | 193 | MN OF THYROID GLAND |
|  | 194 | MN OF OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES |
|  | 195 | MN OF OTHER AND ILL-DEFINED SITES |
|  | 196 | SECONDARY AND UNSPECIFIED MN OF LYMPH NODES |
|  | 197 | SECONDARY MN OF RESPIRATORY AND DIGESTIVE SYSTEM |
|  | 198 | SECONDARY MN OF OTHER SPECIFIED SITES |
|  | 199 | MN WITHOUT SPECIFICATION OF SITE |
|  | 200 | LYMPHOSARCOMA AND RETICULOSARCOMA |
|  | 2000 | RETICULOSARCOMA |
|  | 2001 | LYMPHOSARCOMA |
|  | 2002 | BURKITT'S TUMOUR |
|  | 202 | OTHER MN OF LYMPHOID AND HISTIOCYTIC TISSUE |
|  | 203 | MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS |
|  | 2030 | MULTIPLE MYELOMA |
|  | 204 | LYMPHOID LEUKAEMIA |
|  | 2040 | ACUTE LYMPHOID LEUKAEMIA |
|  | 205 | MYELOID LEUKAEMIA |
|  | 2050 | ACUTE MYELOID LEUKAEMIA |
|  | 206 | MONOCYTIC LEUKAEMIA |
|  | 207 | OTHER SPECIFIED LEUKAEMIA |
|  | 208 | LEUKAEMIA OF UNSPECIFIED CELL TYPE |
|  | 235 | NEOPLASM OF UNCERTAIN BEHAVIOUR OF DIGESTIVE ETC. SYSTEMS |
|  | 236 | NEOPLASM OF UNCERTAIN BEHAVIOUR OF GENITOURINARY ORGANS |
|  | 237 | NEOPLASM OF UNCERTAIN BEHAVIOUR OF ENDOCRINE GLANDS ETC. |
|  | 238 | NEOPLASM OF UNCERTAIN BEHAVIOUR OF OTHER SITES ETC. |
|  | 239 | NEOPLASM OF UNSPECIFIED NATURE |
|  | 415+ (415.0, 417) | OTHER DISEASES OF PULMONARY CIRCULATION |
|  | 416 | CHRONIC PULMONARY HEART DISEASE |
|  | 420+ (420-426, 428-429) | OTHER FORMS OF HEART DISEASES |

**Table 6.** In addition to the ICD9 BTL codes (see Table 5 above), the following cause of death codes are uniquely used for Armenia, Belarus, Kazakhstan, Kyrgyzstan, Latvia, Lituania, Russian Federation, Ukraine and the former USSR for some years.

| **BTL items - detailed items** | **Corresponding code** | **Description** |
| --- | --- | --- |
| B01-B07 | CH01 | Infectious and and Parasitic Diseases |
| B08-B17 | CH02 | Neoplasms |
| B18,B19 | CH03 | Endocrine, Nutritional and Metabolic Diseases |
| B20 | CH04 | Diseases of the Blood and Blood-forming Organs |
| B21 | CH05 | Mental Disorders |
| B22-B24 | CH06 | Diseases of the Nervous System and Sense Organs |
| B25-B30 | CH07 | Diseases of the Circulatory System |
| B31, B32 | CH08 | Diseases of the Respiratory System |
| B33, B34 | CH09 | Diseases of the Digestive System |
| B35-B37 | CH10 | Diseases of the Genitourinary System |
| B38-B41 | CH11 | Obstetric Complications |
| B42 | CH12 | Diseases of the Skin and Subcutaneous Tissue |
| B43 | CH13 | Diseases of the Musculoskeletal System and Connective Tissue |
| B44 | CH14 | Congenital Anomalies |
| B45 | CH15 | Certain Conditions originating in the Perinatal Period |
| B46 | CH16 | Symptoms, Signs and Ill-defined Conditions |
| B47-B56 | CH17 | External Causes |
| B020, B021 | S020 | Respiratory Tuberculosis |
| B06-B07 | S06 | Venereal and other Infectious and Parasitic Diseases |
| B08-B14 | S08 | Malignant Neoplasms |
| B15-B17 | S15 | Benign and Unspecified Neoplasms and Carcinoma in situ |
| B300-B302 | S300 | Atherosclerosis and other Arterial Diseases |
| B310-312,B320 | S310 | Acute Respiratory Diseases |
| B343,B344 | S343 | Hernia and Intestinal Obstruction |
| 570-573, 576, 575.2 - 579.9 | S347 | Cirrhosis and other Digestive Disorders |
| B47-B53 | S47 | Accidents and Adverse Effects |
| B010, B012-B016, B019 | S019 | Rest of B01 |
| B022-B025, B029 | S029 | Rest of B02 |
| B030-B033, B035, B039 | S039 | Rest of B03 |
| B040, B041, B043-B049 | S049 | Rest of B04 |
| B050, B051, B053, B054, B059 | S059 | Rest of B05 |
| B140,B149 | S149 | Rest of B14 |
| B180, B182, B183, B189, B19 | S189 | Rest of B18, B19 |
| B221, B222, B224, B229, B23, B24 | S229 | Rest of B22, B23, B24 |
| B304, B305, B309 | S309 | Rest of B30 |
| B313-B315, B319, B324-B327, B329 | S329 | Rest of B31, B32 |
| B33, B340,B345, B346, B349 | S349 | Rest of B33, B34 |
| B352, B353,B359, B361-B363, B369, B37 | S359 | Rest of B35, B36, B37 |
| B392-B394, B399, B40, B41 | S399 | Rest of B39, B40, B41 |
| B441, B443-B447, B449 | S449 | Rest of B44 |
| B450-B452, B454, B455, B459 | S459 | Rest of B45 |
| B460-B464, B466, B467, B469 | S469 | Rest of B46 |
| B470, B479, B472-B474 | S479 | Rest of B47 |
|  | S08x | Rest of B08 - B13 |

**Table 7. The data for China are coded according to the codes in the left column**

Warning to users: Data for China are only for selected urban and rural areas and represent less than 10% of all deaths occurring in the country.

| **CODE** | **ICD-9 detailed list numbers** | **Cause of Death** |
| --- | --- | --- |
| C001 |  | All causes |
| C002 | 01-139 | Infectious and parasitic diseases |
| C003 | 001-005, 008-083, 087-118, 130, 137, 138, part of 136, 139 | Selected infectious diseases |
| C004 | 002 | Typhoid and paratyphoid fevers |
| C005 | 004 | Shigellosis |
| C006 | 001, 003, 005, 008, 009 | Other intestinal infectious diseases |
| C007 | 011 | Pulmonary tuberculosis |
| C008 | 010, 012-018 | Tuberculosis, other forms |
| C009 | 033 | Whooping cough |
| C010 | 036.0 | Meningococcal meningitis |
| C011 | 037 | Tetanus |
| C012 | 038 | Septicaemia |
| C013 | 055 | Measles |
| C014 | 062.0 | Japanese encephalities |
| C015 | 065, 078.6 | Viral haemorrhagic fever |
| C016 | 070 | Viral hepatitis |
| C017 | 100 | Leptospirosis |
| C018 | 006-007, 084-086, 120-129, 131-135, part of 136, 139 | Parasitic diseases |
| C019 | 084 | Malaria |
| C020 | 120 | Schistosomiasis |
| C021 | 140-239 | Neoplasms |
| C022 | 140-208, 230-234 | Malignant neoplasms |
| C023 | 147, 230.0 | Mal. neoplasms of nasopharynx |
| C024 | 150, 230.1 | Mal. neoplasms of oesophagus |
| C025 | 151, 230.2 | Mal. neoplasm of stomach |
| C026 | 153-154, 230.3-230.6 | Mal. neoplasm of colon, rectum, rectosigmoid junction and anus |
| C027 | 155, 230.8 | Mal. neoplasm of liver |
| C028 | 162, 231.1-231.2 | Mal. neoplasm of trachea, bronchus and lung |
| C029 | 174, 233.0 | Mal. neoplasm of female breast |
| C030 | 180, 233.1 | Mal. neoplasm of cervix uteri |
| C031 | 188, 233.7 | Malign neoplasm of bladder |
| C032 | 204-208 | Leukaemia |
| C033 | 210-229 | Benign neoplasms |
| C034 | 240-279 | Endocrine, nutritional and metabolic diseases |
| C035 | 250 | Diabetes mellitus |
| C036 | 280-289 | Diseases of blood and blood-forming organs |
| C037 | 280-285 | Anaemias |
| C038 | 290-319 | Mental disorders |
| C039 | 320-359 | Diseases of the nervous system |
| C040 | 320-322 | Meningitis |
| C041 | 390-459 | Diseases of the circulatory system |
| C042 | 390-392 | Acute rheumatic fever |
| C043 | 393-398, 402, 404, 410-416, 420-429 | Heart diseases |
| C044 | 393-398 | Chronic rheumatic heart disease |
| C045 | 402, 404 | Hypertensive heart disease |
| C046 | 410 | Acute myocardial infarction |
| C047 | 411-414 | Other ischaemic heart disease |
| C048 | 415, 416 | Pulmonary heart disease |
| C049 | 420-429 | Other forms of heart disease |
| C050 | 401, 403 | Other hypertensive disease |
| C051 | 430-438 | Cerebrovascular disease |
| C052 | 460-519 | Disease of the respiratory system |
| C053 | 480-486 | Pneumonia |
| C054 | 490-493 | Bronchitis, chronic and unspecified emphysema and asthma |
| C055 | 500-505 | Pneumoconioses |
| C056 | 520-579 | Disease of digestive system |
| C057 | 531-533 | Ulcer of stomach and duodenum |
| C058 | 540-543 | Appendicitis |
| C059 | 560 | Intestinal obstruction |
| C060 | 571 | Chronic liver disease and cirrhosis |
| C061 | 580-629 | Disease of genitourinary system |
| C062 | 580-589 | Nephritis, nephrotic syndrome and nephrosis |
| C063 | 600 | Hyperplasia of prostate |
| C064 | 630-676 | Complications of pregnancy, childbirth and puerperium |
| C065 | 630-646, 651-676 | Direct obstetric causes |
| C066 | 630-638 | Abortion |
| C067 | 642.4-643 | Toxaemia of pregnancy |
| C068 | 664, 665, 674.1-674.3 | Obstetrical trauma |
| C069 | 670, 672, 675 | Infections of the puerperium |
| C070 | 666 | Postpartum haemorrhage |
| C071 | 710-739 | Diseases of the musculoskeletal system and connective tissue |
| C072 | 740-759 | Congenital anomalies |
| C073 | 745, 746 | Congenital anomalies of heart |
| C074 | 760-779 | Certain conditions originating in the perinatal period |
| C075 | 764, 765 | Slow fetal growth, fetal malnutrition and immaturity |
| C076 | 767-770 | Birth trauma, hypoxia, birth asphyxia and other respiratory conditions |
| C077 | 771.3 | Tetanus neonatorum |
| C078 | 773 | Haemolytic disease of foetus or newborn |
| C079 | 778.1 | Sclerema neonatorum |
| C080 | 360-389, 680-709, 780-796 | Other specified diseases and symptoms |
| C081 | 797-799 | Ill-defined and unknown causes |
| C089 | E800-E999 | External causes of injury and poisoning |
| C090 | E810-E819 | Motor vehicle trafic accidents |
| C091 | E800-E807 | Other transport accidents |
| C092 | E850-E869 | Accidental poisoning |
| C093 | E880-E888 | Accidental falls |
| C094 | E890-E899 | Accidents caused by fire and flames |
| C095 | E900-E909 | Accidents due to natural and environmental factors |
| C096 | E910 | Accidental drowning and submersion |
| C097 | E913 | Accidental mechanical suffocation |
| C098 | E916 | Struck accidentally by falling object |
| C099 | E919, E920 | Accidents caused by machinery and by cutting and piercing instruments |
| C100 | E925 | Accidents caused by electric current |
| C101 |  | Other accidents, adverse and late effects |
| C102 | E950-E959 | Suicide and self-inflicted injury |
| C103 | E960-E969 | Homicide and injury purposely inflicted by other persons |

**Table 8. ICD 10 Mortality Tabulation List 1**

| **code** | **Detailed List Numbers** | **Cause** |
| --- | --- | --- |
| 1000 |  | All causes |
| 1001 | A00-B99 | Certain infectious and parasitic diseases |
| 1002 | A00 | Cholera |
| 1003 | A09 | Diarrhoea and gastroenteritis of presumed infectious origin |
| 1004 | A01-A08 | Other intestinal infectious diseases |
| 1005 | A15-A16 | Respiratory tuberculosis |
| 1006 | A17-A19 | Other tuberculosis |
| 1007 | A20 | Plague |
| 1008 | A33-A35 | Tetanus |
| 1009 | A36 | Diphtheria |
| 1010 | A37 | Whooping cough |
| 1011 | A39 | Meningococcal infection |
| 1012 | A40-A41 | Septicaemia |
| 1013 | A50-A64 | Infections with a predominantly sexual mode of transmission |
| 1014 | A80 | Acute poliomyelitis |
| 1015 | A82 | Rabies |
| 1016 | A95 | Yellow fever |
| 1017 | A90-A94, A96-A99 | Other arthropod-borne viral fevers and viral haemorrhagic fevers |
| 1018 | B05 | Measles |
| 1019 | B15-B19 | Viral hepatitis |
| 1020 | B20-B24 | Human immunodeficiency virus [HIV] disease |
| 1021 | B50-B54 | Malaria |
| 1022 | B55 | Leishmaniasis |
| 1023 | B56-B57 | Trypanosomiasis |
| 1024 | B65 | Schistosomiasis |
| 1025 | A21-A32, A38, A42-A49, A65-A79, A81, A83-A89, B00-B04, B06-B09, B25-B49, B58-B64, B66-B94, B99 | Remainder of certain infectious and parasitic diseases |
| 1026 | C00-D48 | Neoplasms |
| 1027 | C00-C14 | Malignant neoplasm of lip, oral cavity and pharynx |
| 1028 | C15 | Malignant neoplasm of oesophagus |
| 1029 | C16 | Malignant neoplasm of stomach |
| 1030 | C18-C21 | Malignant neoplasm of colon, rectum and anus |
| 1031 | C22 | Malignant neoplasm of liver and intrahepatic bile ducts |
| 1032 | C25 | Malignant neoplasm of pancreas |
| 1033 | C32 | Malignant neoplasm of larynx |
| 1034 | C33-C34 | Malignant neoplasm of trachea, bronchus and lung |
| 1035 | C43 | Malignant melanoma of skin |
| 1036 | C50 | Malignant neoplasm of breast |
| 1037 | C53 | Malignant neoplasm of cervix uteri |
| 1038 | C54-C55 | Malignant neoplasm of other and unspecified parts of uterus |
| 1039 | C56 | Malignant neoplasm of ovary |
| 1040 | C61 | Malignant neoplasm of prostate |
| 1041 | C67 | Malignant neoplasm of bladder |
| 1042 | C70-C72 | Malignant neoplasm of meninges, brain and other parts of central nervous system |
| 1043 | C82-C85 | Non-Hodgkin's lymphoma |
| 1044 | C90 | Multiple myeloma and malignant plasma cell neoplasms |
| 1045 | C91-C95 | Leukaemia |
| 1046 | C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C66,C68-C69,C73-C81,C88,C96-C97 | Remainder of malignant neoplasms |
| 1047 | D00-D48 | Remainder of neoplasms |
| 1048 | D50-D89 | Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism |
| 1049 | D50-D64 | Anaemias |
| 1050 | D65-D89 | Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism |
| 1051 | E00-E88 | Endocrine, nutritional and metabolic diseases |
| 1052 | E10-E14 | Diabetes mellitus |
| 1053 | E40-E46 | Malnutrition |
| 1054 | E00-E07, E15-E34, E50-E88 | Remainder of endocrine, nutritional and metabolic diseases |
| 1055 | F01-F99 | Mental and behavioural disorders |
| 1056 | F10-F19 | Mental and behavioural disorders due to psychoactive substance use |
| 1057 | F20-F99 | Remainder of mental and behavioural disorders |
| 1058 | G00-G98 | Diseases of the nervous system |
| 1059 | G00, G03 | Meningitis |
| 1060 | G30 | Alzheimer's disease |
| 1061 | G04-G25, G31-G98 | Remainder of diseases of the nervous system |
| 1062 | H00-H57 | Diseases of the eye and adnexa |
| 1063 | H60-H93 | Diseases of the ear and mastoid process |
| 1064 | I00-I99 | Diseases of the circulatory system |
| 1065 | I00-I09 | Acute rheumatic fever and chronic rheumatic heart diseases |
| 1066 | I10-I13 | Hypertensive diseases |
| 1067 | I20-I25 | Ischaemic heart diseases |
| 1068 | I26-I51 | Other heart diseases |
| 1069 | I60-I69 | Cerebrovascular diseases |
| 1070 | I70 | Atherosclerosis |
| 1071 | I71-I99 | Remainder of diseases of the circulatory system |
| 1072 | J00-J98 | Diseases of the respiratory system |
| 1073 | J10-J11 | Influenza |
| 1074 | J12-J18 | Pneumonia |
| 1075 | J20-J22 | Other acute lower respiratory infections |
| 1076 | J40-J47 | Chronic lower respiratory diseases |
| 1077 | J00-J06, J30-J39, J60-J98 | Remainder of diseases of the respiratory system |
| 1078 | K00-K92 | Diseases of the digestive system |
| 1079 | K25-K27 | Gastric and duodenal ulcer |
| 1080 | K70-K76 | Diseases of the liver |
| 1081 | K00-K22, K28-K66, K80-K92 | Remainder of diseases of the digestive system |
| 1082 | L00-L98 | Diseases of the skin and subcutaneous tissue |
| 1083 | M00-M99 | Diseases of the musculoskeletal system and connective tissue |
| 1084 | N00-N98 | Diseases of the genitourinary system |
| 1085 | N00-N15 | Glomerular and renal tubulo-interstitial diseases |
| 1086 | N17-N98 | Remainder of diseases of the genitourinary system |
| 1087 | O00-O99 | Pregnancy, childbirth and the puerperium |
| 1088 | O00-O07 | Pregnancy with abortive outcome |
| 1089 | O10-O92 | Other direct obstetric deaths |
| 1090 | O98-O99 | Indirect obstetric deaths |
| 1091 | O95-O97 | Remainder of pregnancy, childbirth and the puerperium |
| 1092 | P00-P96 | Certain conditions originating in the perinatal period |
| 1093 | Q00-Q99 | Congenital malformations, deformations and chromosomal abnormalities |
| 1094 | R00-R99 | Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified |
| 1095 | V01-Y89 | External causes of morbidity and mortality |
| 1096 | V01-V99 | Transport accidents |
| 1097 | W00-W19 | Falls |
| 1098 | W65-W74 | Accidental drowning and submersion |
| 1099 | X00-X09 | Exposure to smoke, fire and flames |
| 1100 | X40-X49 | Accidental poisoning by and exposure to noxious substances |
| 1101 | X60-X84 | Intentional self-harm |
| 1102 | X85-Y09 | Assault |
| 1103 | W20-W64, W75-W99, X10-X39, X50-X59, Y10-Y89 | All other external causes |

**Table 9. ICD 10 detailed codes (3rd and 4th character). This list is no longer included here as it is too lengthy and is being regularly updated. Please consult our web site for the list of ICD10 detailed codes and regular updates. http://www.who.int/classifications/en/**

**Note that cause "AAA" refers to total deaths from all causes combined**.

In the absence of data on detailed external causes, the codes Y34 and Y349 represent respectively the sum of all deaths due to external causes (V00-Y89) in countries reporting with list 103 and 104.

**Table 10. ICD 10 special list for Portugal - data for 2004-2005**

| **Code** | **Detailed codes** | **Cause** |
| --- | --- | --- |
| **CH00** | **A00-Y89** | **ALL CAUSES OF DEATH** |
| **CH01** | **A00-B99** | **CERTAIN INFECTIOUS AND PARASITIC DISEASES** |
| UE02 | A15-A19, B90 | Tuberculosis |
| UE03 | A39 | Meningococcal infection |
| UE04 | B20-B24 | AIDS (HIV disease) |
| UE05 | B15-B19 | Viral hepatitis |
| **CH02** | **C00-D48** | **NEOPLASMS** |
| UE07 | C00-C97 | Malignant neoplasms |
| UE08 | C00-C14 | of which malignant neoplasm of lip, oral cavity, pharynx |
| UE09 | C15 | of which malignant neoplasm of oesophagus |
| UE10 | C16 | of which malignant neoplasm of stomach |
| UE11 | C18 | of which malignant neoplasm of colon |
| UE12 | C19-C21 | of which malignant neoplasm of rectum and anus |
| UE13 | C22 | of which malignant neoplasm of liver and the intrahepatic bile ducts |
| UE14 | C25 | of which malignant neoplasm of pancreas |
| UE15 | C32-C34 | of which malignant neoplasm of larynx and trachea/bronchus/lung |
| UE16 | C43 | of which malignant neoplasm of skin |
| UE17 | C50 | of which malignant neoplasm of breast |
| UE18 | C53 | of which malignant neoplasm of cervix uteri |
| UE19 | C54-C55 | of which malignant neoplasm of other parts of uterus |
| UE20 | C56 | of which malignant neoplasm of ovary |
| UE21 | C61 | of which malignant neoplasm of prostate |
| UE22 | C64 | of which malignant neoplasm of kidney |
| UE23 | C67 | of which malignant neoplasm of bladder |
| UE24 | C81-C96 | of which malignant neoplasm of lymph/haematopoietic tissue |
| **CH03** | **D50-D89** | **DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM** |
| **CH04** | **E00-E90** | **ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES** |
| UE27 | E10-E14 | Diabetes mellitus |
| **CH05** | **F00-F99** | **MENTAL AND BEHAVIOURAL DISORDERS** |
| UE29 | F10 | Mental and behavioural disorders due to the use of alcohol |
| UE30 | F11-F16, F18-F19 | Drug dependence, toxicomania |
| **CH06** | **G00-G99** | **DISEASES OF THE NERVOUS SYSTEM** |
| **CH07** | **H00-H59** | **DISEASES OF THE EYE AND ADNEXA** |
| **CH08** | **H60-H95** | **DISEASES OF THE EAR AND MASTOID PROCESS** |
| UE32 | G00-G03 | Meningitis (other than A39) |
| **CH09** | **I00-I99** | **DISEASES OF THE CIRCULATORY SYSTEM** |
| UE34 | I20-I25 | Ischaemic heart diseases |
| UE35 | I30-I33, I39-I52 | Other heart diseases |
| UE36 | I60-I69 | Cerebrovascular diseases |
| **CH10** | **J00-J99** | **DISEASES OF THE RESPIRATORY SYSTEM** |
| UE38 | J10-J11 | Influenza |
| UE39 | J12-J18 | Pneumonia |
| UE40 | J40-J47 | Chronic lower respiratory diseases |
| UE41 | J45-J46 | of which asthma |
| **CH11** | **K00-K93** | **DISEASES OF THE DIGESTIVE SYSTEM** |
| UE43 | K25-K28 | Ulcer of the stomach, duodenum and jejunum |
| UE44 | K70, K73-K74 | Chronic liver disease |
| **CH12** | **L00-L99** | **DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE** |
| **CH13** | **M00-M99** | **DISEASES OF THE MUSCULOSKELETAL SYSTEM/CONNECTIVE TISSUE** |
| UE47 | M05-M06, M15-M19 | Rheumatoid arthritis and osteoarthrosis |
| **CH14** | **N00-N99** | **DISEASES OF THE GENITOURINARY SYSTEM** |
| UE49 | N00-N29 | Diseases of the kidney and ureter |
| **CH15** | **O00-O99** | **PREGNANCY, CHILDBIRTH AND THE PUERPERIUM** |
| **CH16** | **P00-P96** | **CERTAIN CONDITIONS ORIGINATING IN THE PERINATL PERIOD** |
| **CH17** | **Q00-Q99** | **CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES** |
| UE53 | Q00-Q07 | Congenital malformations of the nervous system |
| UE54 | Q20-Q28 | Congenital malformations of the circulatory system |
| **CH18** | **R00-R99** | **SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED** |
| UE56 | R95 | Sudden infant death syndrome |
| UE57 | R96-R99 | Uknown and unspecified causes |
| **CH20** | **V01-Y89** | **EXTERNAL CAUSES OF INJURY AND POISONING** |
| UE59 | V01-X59 | Accidents |
| UE60 | V01-V99 | of which transport accidents |
| UE61 | W00-W19 | of which accidental falls |
| UE62 | X40-X49 | of which accidental poisoning |
| UE63 | X60-X84 | Suicide and intentional self-harm |
| UE64 | X85-Y09 | Homicide, assault |
| UE65 | Y10-Y34 | Events of undetermined intent |

**Table 11. List of country codes-names**

|  |  |
| --- | --- |
| **country** | **name** |
| 1010 | Algeria |
| 1020 | Angola |
| 1025 | Benin |
| 1030 | Botswana |
| 1035 | Burkina Faso |
| 1040 | Burundi |
| 1045 | Cameroon |
| 1060 | Cape Verde |
| 1070 | Central African Republic |
| 1080 | Chad |
| 1090 | Comoros |
| 1100 | Congo |
| 1115 | Cote d'Ivoire |
| 1120 | Djibouti |
| 1125 | Egypt |
| 1130 | Equatorial Guinea |
| 1135 | Eritrea |
| 1140 | Ethiopia |
| 1160 | Gabon |
| 1170 | Gambia |
| 1180 | Ghana |
| 1190 | Guinea |
| 1192 | Guinea-Bissau |
| 1220 | Kenya |
| 1230 | Lesotho |
| 1240 | Liberia |
| 1250 | Libyan Arab Jamahiriya |
| 1260 | Madagascar |
| 1270 | Malawi |
| 1280 | Mali |
| 1290 | Mauritania |
| 1300 | Mauritius |
| 1303 | Mayotte |
| 1310 | Morocco |
| 1320 | Mozambique |
| 1325 | Namibia |
| 1330 | Niger |
| 1340 | Nigeria |
| 1360 | Reunion |
| 1365 | Rodrigues |
| 1370 | Rwanda |
| 1385 | Sao Tome and Principe |
| 1390 | Senegal |
| 1400 | Seychelles |
| 1410 | Sierra Leone |
| 1420 | Somalia |
| 1430 | South Africa |
| 1460 | South Sudan |
| 1465 | Sudan |
| 1470 | Sudan, Former |
| 1480 | Swaziland |
| 1510 | Togo |
| 1520 | Tunisia |
| 1530 | Uganda |
| 1546 | United Republic of Tanzania |
| 1555 | Democratic Republic of the Congo |
| 1560 | Zambia |
| 1570 | Zimbabwe |
| 2005 | Anguilla |
| 2010 | Antigua and Barbuda |
| 2020 | Argentina |
| 2025 | Aruba |
| 2030 | Bahamas |
| 2040 | Barbados |
| 2045 | Belize |
| 2050 | Bermuda |
| 2060 | Bolivia |
| 2070 | Brazil |
| 2085 | British Virgin Islands |
| 2090 | Canada |
| 2110 | Cayman Islands |
| 2120 | Chile |
| 2130 | Colombia |
| 2140 | Costa Rica |
| 2150 | Cuba |
| 2160 | Dominica |
| 2170 | Dominican Republic |
| 2180 | Ecuador |
| 2190 | El Salvador |
| 2200 | Falkland Islands (Malvinas) |
| 2210 | French Guiana |
| 2230 | Grenada |
| 2240 | Guadeloupe |
| 2250 | Guatemala |
| 2260 | Guyana |
| 2270 | Haiti |
| 2280 | Honduras |
| 2290 | Jamaica |
| 2300 | Martinique |
| 2310 | Mexico |
| 2320 | Montserrat |
| 2330 | Netherlands Antilles |
| 2340 | Nicaragua |
| 2350 | Panama |
| 2360 | Paraguay |
| 2370 | Peru |
| 2380 | Puerto Rico |
| 2385 | Saint Kitts and Nevis |
| 2400 | Saint Lucia |
| 2410 | Saint Pierre and Miquelon |
| 2420 | Saint Vincent and Grenadines |
| 2430 | Suriname |
| 2440 | Trinidad and Tobago |
| 2445 | Turks and Caicos Islands |
| 2450 | United States of America |
| 2455 | Virgin Islands (USA) |
| 2460 | Uruguay |
| 2470 | Venezuela |
| 3010 | Afghanistan |
| 3020 | Bahrain |
| 3025 | Bangladesh |
| 3027 | Bhutan |
| 3030 | Brunei Darussalam |
| 3050 | Cambodia |
| 3068 | China |
| 3070 | China: Province of Taiwan only |
| 3080 | Cyprus |
| 3083 | Democratic Peoples's Republic of Korea |
| 3090 | Hong Kong SAR |
| 3100 | India |
| 3110 | Indonesia |
| 3130 | Iran (Islamic Republic of) |
| 3140 | Iraq |
| 3150 | Israel |
| 3160 | Japan |
| 3170 | Jordan |
| 3190 | Kuwait |
| 3200 | Lao People's Democratic Republic |
| 3210 | Lebanon |
| 3220 | Macau |
| 3236 | Malaysia |
| 3255 | Maldives |
| 3260 | Mongolia |
| 3270 | Myanmar |
| 3280 | Nepal |
| 3283 | Occupied Palestinian Territory |
| 3285 | Oman |
| 3290 | Pakistan |
| 3300 | Philippines |
| 3320 | Qatar |
| 3325 | Republic of Korea |
| 3330 | Ryu Kyu Islands |
| 3340 | Saudi Arabia |
| 3350 | Singapore |
| 3365 | Sri Lanka |
| 3370 | Syrian Arab Republic |
| 3380 | Thailand |
| 3400 | Turkey |
| 3405 | United Arab Emirates |
| 3408 | Viet Nam |
| 3420 | Yemen |
| 4005 | Albania |
| 4007 | Armenia |
| 4008 | Andorra |
| 4010 | Austria |
| 4012 | Azerbaijan |
| 4018 | Belarus |
| 4020 | Belgium |
| 4025 | Bosnia and Herzegovina |
| 4030 | Bulgaria |
| 4038 | Croatia |
| 4040 | Czechoslovakia, Former |
| 4045 | Czech Republic |
| 4050 | Denmark |
| 4055 | Estonia |
| 4070 | Finland |
| 4080 | France |
| 4084 | Georgia |
| 4085 | Germany |
| 4090 | Germany, Former Democratic Republic |
| 4100 | Germany, Former Federal Republic |
| 4120 | Germany, West Berlin |
| 4140 | Greece |
| 4150 | Hungary |
| 4160 | Iceland |
| 4170 | Ireland |
| 4180 | Italy |
| 4182 | Kazakhstan |
| 4184 | Kyrgyzstan |
| 4186 | Latvia |
| 4188 | Lithuania |
| 4190 | Luxembourg |
| 4195 | TFYR Macedonia |
| 4200 | Malta |
| 4205 | Monaco |
| 4207 | Montenegro |
| 4210 | Netherlands |
| 4220 | Norway |
| 4230 | Poland |
| 4240 | Portugal |
| 4260 | Republic of Moldova |
| 4270 | Romania |
| 4272 | Russian Federation |
| 4273 | Serbia |
| 4274 | Slovakia |
| 4275 | San Marino |
| 4276 | Slovenia |
| 4280 | Spain |
| 4290 | Sweden |
| 4300 | Switzerland |
| 4301 | Tajikistan |
| 4302 | Turkmenistan |
| 4303 | Ukraine |
| 4304 | USSR, Former |
| 4308 | United Kingdom |
| 4310 | United Kingdom, England and Wales |
| 4320 | United Kingdom, Northern Ireland |
| 4330 | United Kingdom, Scotland |
| 4335 | Uzbekistan |
| 4340 | Yugoslavia, Former |
| 4350 | Serbia and Montenegro, Former |
| 5020 | Australia |
| 5060 | Cook Islands |
| 5070 | Fiji |
| 5105 | Kiribati |
| 5107 | Marshall Islands |
| 5108 | Micronesia (Federated States of) |
| 5110 | Nauru |
| 5150 | New Zealand |
| 5170 | Niue |
| 5180 | Palau |
| 5195 | Papua New Guinea |
| 5197 | Samoa |
| 5198 | Solomon Islands |
| 5200 | Tonga |
| 5205 | Tuvalu |
| 5207 | Vanuatu |

**Part 3: Frequently asked questions**

**Q**. What are the sources of the cause-of-death statistics?

**A**. The cause-of-death statistics are from country civil registration systems. When a death occurs, this event is registered at the local civil registry with information on the cause of death. The information is then compiled by the national authority and submitted to WHO every year.

**Q**. Are the deaths medically-certified?

**A**. WHO only publishes here the medically-certified deaths. Diagnoses on causes of death by lay people are not included.

**Q**. If the data coverage is not complete, have the data been adjusted for under-coverage?

**A**. The data presented are as submitted by the countries to WHO. No adjustment has been made to account for under-coverage.

**Q**. Where can I obtain information on data coverage and quality?

**A**. Information on data coverage and quality by country are available on this web site <http://apps.who.int/gho/data/node.main.121?lang=en>

**Q**. What kind of corrections have been made to the data?

**A**. WHO verifies that the data submitted are coded with the official ICD codes. If non-official codes are used, they would be replaced with the most appropriate official codes.

**Q**. How are the number of deaths and population presented?

**A**. They are all shown as absolute numbers.

**Q**. Why are population data missing for some countries-years and where can I find other sources of population data?

**A**. Some countries do not report population data to WHO. Users can find population estimates from the United Nations web site <http://esa.un.org/unpd/wpp>

**Q**. The list of countries does not seem to include all the countries in the world. What are the reasons?

**A**. Simply because some countries do not report mortality data to WHO. However for some countries, the data they sent to WHO are not in standard ICD codes or do not have ICD codes, so they cannot be shown here. In many low-resourced countries, the cause-of-death information is difficult to obtain, mainly because the system for recording such information is not functioning or inexistent. In addition one of the big problems is the lack of medical certifiers to complete the death certificates.

**Q**. Are the data for the countries listed mutually exclusive?

**A**. Except United Kingdom which include data for England and Wales, Northern Ireland and Scotland which are also presented separately, all the other data are mutually exclusive, for e.g. Martinique, Guadeloupe are not included in France. Care should be taken when treating data of former entities which split up or merged together to form new entities.

**Q**. Why are some latest years of data missing?

**A**. Countries usually submit data to WHO within 12-18 months after the closure of their records for the calendar year. Data checking, compilation and verification takes considerable time at the country level.

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