

# OECD Health Statistics 2022

## Definitions, Sources and Methods

### Causes of mortality

#### Number of deaths and age-standardised death rates by causes of deaths.

The number of deaths according to sex and selected causes are extracted from the **World Health Organisation Mortality Database** available at [http://www.who.int/healthinfo/statistics/mortality\\_rawdata/en/index.html](http://www.who.int/healthinfo/statistics/mortality_rawdata/en/index.html) (data extracted in June 2022). Detailed information on the coverage and reliability of the cause-of-death data is regularly published in World Health Statistics Annuals.

The selected **causes of death** presented in *OECD Health Statistics 2022* are detailed in an Excel file [available for download](#), with codes according to the **Tenth revision of the International Classification of Diseases (ICD) along with codes from other ICD revisions used in the WHO Mortality Database**. For a full definition of the latest codes, please consult the ICD-10 website at <https://icd.who.int/browse10/2019/en>.

**Note** that data have been included for the first time for the new cause of death “COVID-19”, under the codes U07, U07.1, U07.2, U09.9, and U10.9 (part of the category “XXII. Codes for special purposes (U00-U85)”).

**Age-standardised death rates per 100 000 population for selected causes are calculated by the OECD Secretariat, using the total OECD population for 2015 as the reference population, from this edition onwards.** (Previous editions of the database used the total OECD population for 2010 as the reference population.)

The age-standardised death rates are necessary for comparing the level of mortality across countries and over time since they take into account the differences in age structure of the populations. The direct method of standardisation is used for age-standardised calculations.

**Note** The **age structure of the population (2015)** used to compute the age-standardised death rates is as follows:

Age (years)	Population
0-4	5.8556
5-9	5.9688
10-14	5.7458
15-19	5.9803
20-24	6.5360
25-29	6.8008
30-34	6.9247
35-39	6.9704
40-44	7.0394
45-49	6.9554
50-54	6.8590
55-59	6.3507

60-64	5.6845
65-69	5.0384
70-74	3.8759
75-79	3.1256
80-84	2.2627
85+	2.0260
<b>TOTAL</b>	<b>100.00</b>

**i** The series of data presented reflect **mortality data collected using the following revisions of ICD: ICD-7, ICD-8, ICD-9 and ICD-10**. There may be breaks in the series due to implementation of a new revision of ICD (particularly with the transition from ICD-9 to ICD-10) as well as changes in the coding rules. Data are thus only consistent within the same ICD revision.

For each country, the table below shows **data availability for the category “All Causes” by year and by ICD revision**:

<b>Country</b>	<b>ICD-7</b>	<b>ICD-8</b>	<b>ICD-9</b>	<b>ICD-10</b>
<b>Australia</b>	1960-1967	1968-1978	1979-1997	1998-2004, 2006-2020
<b>Austria</b>	1960-1968	1969-1979	1980-2001	2002-2020
<b>Belgium</b>	1960-1967	1968-1978	1979-1997	1998-2018
<b>Canada</b>	1960-1968	1969-1978	1979-1999	2000-2019
<b>Chile</b>	1960-1967	1968-1979	1980-1996	1997-2018
<b>Colombia</b>	1960-1967	1960-1969, 1972, 1974	1979-1996	1997-2019
<b>Costa Rica</b>	1961-1967	1968-1979	1980-1996	1997-2020
<b>Czech Republic</b>	-	-	1986-1993	1994-2020
<b>Denmark</b>	1960-1968	1969-1993	-	1994-2018
<b>Estonia</b>	-	-	1981-1982, 1985-1996	1997-2020
<b>Finland</b>	1960-1968	1969-1986	1987-1995	1996-2018
<b>France</b>	1960-1967	1968-1978	1979-1999	2000-2016
<b>Germany</b>	-	-	1990-1997	1998-2020
<b>Greece</b>	1961-1967	1968-1978	1979-2013	2014-2019
<b>Hungary</b>	1960-1968	1969-1978	1979-1995	1996-2019
<b>Iceland</b>	1960-1970	1971-1980	1981-1995	1996-2020
<b>Ireland</b>	1960-1967	1968-1978	1979-2006	2007-2018
<b>Israel *</b>	-	1975-1978	1979-1997	1998-2018
<b>Italy</b>	1960-1967	1968-1978	1979-2002	2003-2017
<b>Japan</b>	1960-1967	1968-1978	1979-1994	1995-2019
<b>Korea</b>	-	-	1985-1994	1995-2019
<b>Latvia</b>	-	-	1980-1995	1996-2020
<b>Lithuania</b>	-	-	1981-1982/1985-1997	1998-2020
<b>Luxembourg</b>	1967-1970	1971-1978	1979-1997	1998-2019
<b>Mexico</b>	1960-1967	1968-1978	1979-1997	1998-2020
<b>Netherlands</b>	1960-1968	1969-1978	1979-1995	1996-2020
<b>New Zealand</b>	1960-1967	1968-1978	1979-1999	2000-2016
<b>Norway</b>	1960-1968	1969-1985	1986-1995	1996-2016
<b>Poland</b>	1960-1968	1969-1979	1980-1996	1999-2019
<b>Portugal</b>	1960-1970	1971-1979	1980-2001	2002-2003, 2007-2018
<b>Slovak Republic</b>	-	-	1992-1993	1994-2010, 2012-2014, 2016-2019
<b>Slovenia</b>	-	-	1985-1996	1997-2020
<b>Spain</b>	1960-1967	1968-1979	1980-1998	1999-2020
<b>Sweden</b>	1960-1968	1969-1986	1987-1996	1997-2018
<b>Switzerland</b>	1960-1968	1969-1994	-	1995-2018
<b>Türkiye</b>	-	-	-	2009-2016, 2019

<b>United Kingdom</b>	1960-1967	1968-1978	1979-1999	2001-2019
<b>United States</b>	1960-1967	1968-1978	1979-1998	1999-2020


## NON-OECD ECONOMIES

Country	ICD-7	ICD-8	ICD-9	ICD-10
<b>Argentina</b>	1966-1968	1969-1970, 1977-1978	1979-1996	1997-2019
<b>Brazil</b>	-	-	1979-1995	1996-2019
<b>Bulgaria</b>	1964-1967	1968-1979	1980-2004	2005-2019
<b>China (People's Republic of)</b>	-	-	-	-
<b>Croatia</b>			1985-1994	1995-2019
<b>India</b>	-	-	-	-
<b>Indonesia</b>	-	-	-	-
<b>Peru</b>	-	-	1980-1998	1999-2018
<b>Romania</b>	1959-1968	1969-1978	1980-1998	1999-2019
<b>Russian Federation</b>	-	-	1980-1998	1999-2015, 2019
<b>South Africa</b>	-	-	1993-1995	1996-2018

## Notes

 **France:** Data refer to metropolitan France only, excluding overseas departments.

**Israel:** The statistical data for Israel are supplied by and under the responsibility of the relevant Israeli authorities. The use of such data by the OECD is without prejudice to the status of the Golan Heights, East Jerusalem and Israeli settlements in the West Bank under the terms of international law.

 **Türkiye** has been gradually increasing the coverage of population registers across the whole country. Caution is required when interpreting the evolution of data on mortality in Türkiye.

### **Russian Federation:**

- The statistical data for the Russian Federation exclude Chechnya from 1993 to 2003.
- This document, as well as any data and any map included herein, are without prejudice to the status of or sovereignty over any territory, to the delimitation of international frontiers and boundaries and to the name of any territory, city or area.