

# OECD Health Statistics 2016

## 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 were extracted in June 2016). Detailed information on the coverage and reliability of the cause-of-death data is regularly published in World Health Statistics Annuals.

- **Age-standardised death rates per 100 000 population for selected causes are calculated by the OECD Secretariat, using 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.

**i** The **age structure of the population (2010)** used to compute the age-standardised death rates is as follows:

| Age (years)  | Population    |
|--------------|---------------|
| 0            | 1.28          |
| 1-4          | 5.04          |
| 5-9          | 6.16          |
| 10-14        | 6.20          |
| 15-19        | 6.62          |
| 20-24        | 6.77          |
| 25-29        | 7.01          |
| 30-34        | 6.94          |
| 35-39        | 7.17          |
| 40-44        | 7.10          |
| 45-49        | 7.11          |
| 50-54        | 6.60          |
| 55-59        | 5.98          |
| 60-64        | 5.40          |
| 65-69        | 4.21          |
| 70-74        | 3.58          |
| 75-79        | 2.88          |
| 80-84        | 2.13          |
| 85+          | 1.82          |
| <b>TOTAL</b> | <b>100.00</b> |

- The **causes of death** presented in *OECD Health Statistics 2016* 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.

**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**:

| Country                | ICD-7     | ICD-8                   | ICD-9                | ICD-10               |
|------------------------|-----------|-------------------------|----------------------|----------------------|
| <b>Australia</b>       | 1960-1967 | 1968-1978               | 1979-1997            | 1998-2004, 2006-2014 |
| <b>Austria</b>         | 1960-1968 | 1969-1979               | 1980-2001            | 2002-2014            |
| <b>Belgium</b>         | 1960-1967 | 1968-1978               | 1979-1997            | 1998-2013            |
| <b>Canada</b>          | 1960-1968 | 1969-1978               | 1979-1999            | 2000-2011            |
| <b>Chile</b>           | 1960-1967 | 1968-1979               | 1980-1982, 1984-1996 | 1997-2013            |
| <b>Czech Republic</b>  | -         | -                       | 1986-1993            | 1994-2014            |
| <b>Denmark</b>         | 1960-1968 | 1969-1993               | -                    | 1994-2012            |
| <b>Estonia</b>         | -         | -                       | 1981-1982, 1985-1996 | 1997-2014            |
| <b>Finland</b>         | 1960-1968 | 1969-1986               | 1987-1995            | 1996-2014            |
| <b>France</b>          | 1960-1967 | 1968-1978               | 1979-1999            | 2000-2013            |
| <b>Germany</b>         | -         | -                       | 1990-1997            | 1998-2014            |
| <b>Greece</b>          | 1961-1967 | 1968-1978               | 1979-2012            | -                    |
| <b>Hungary</b>         | 1960-1968 | 1969-1978               | 1979-1995            | 1996-2014            |
| <b>Iceland</b>         | 1960-1970 | 1971-1980               | 1981-1995            | 1996-2009            |
| <b>Ireland</b>         | 1960-1967 | 1968-1978               | 1979-2006            | 2007-2013            |
| <b>Israel *</b>        | -         | 1975-1978               | 1979-1997            | 1998-2013            |
| <b>Italy</b>           | 1960-1967 | 1968-1978               | 1979-2002            | 2003, 2006-2012      |
| <b>Japan</b>           | 1960-1967 | 1968-1978               | 1979-1994            | 1995-2013            |
| <b>Korea</b>           | -         | -                       | 1985-1994            | 1995-2013            |
| <b>Latvia</b>          | -         | -                       | -                    | 1996-2014            |
| <b>Luxembourg</b>      | 1967-1970 | 1971-1978               | 1979-1997            | 1998-2014            |
| <b>Mexico</b>          | -         | 1969-1973               | 1981-1983, 1985-1997 | 1998-2013            |
| <b>Netherlands</b>     | 1960-1968 | 1969-1978               | 1979-1995            | 1996-2013            |
| <b>New Zealand</b>     | 1960-1967 | 1968-1978               | 1979-1999            | 2000-2012            |
| <b>Norway</b>          | 1960-1968 | 1969-1985               | 1986-1995            | 1996-2014            |
| <b>Poland</b>          | 1960-1968 | 1969-1979               | 1980-1996            | 1999-2014            |
| <b>Portugal</b>        | 1960-1970 | 1971-1979               | 1980-2001            | 2002-2003, 2007-2014 |
| <b>Slovak Republic</b> | -         | -                       | 1992-1993            | 1994-2010, 2012-2014 |
| <b>Slovenia</b>        | -         | -                       | 1985-1996            | 1997-2010            |
| <b>Spain</b>           | 1960-1967 | 1968-1969,<br>1971-1979 | 1980-1998            | 1999-2014            |
| <b>Sweden</b>          | 1960-1968 | 1969-1986               | 1987-1996            | 1997-2014            |
| <b>Switzerland</b>     | 1960-1968 | 1969-1994               | -                    | 1995-2014            |
| <b>Turkey</b>          | -         | -                       | -                    | 2009-2013            |
| <b>United Kingdom</b>  | 1960-1967 | 1968-1978               | 1979-1999            | 2001-2013            |
| <b>United States</b>   | 1960-1967 | 1968-1978               | 1979-1998            | 1999-2013            |

## NON-OECD ECONOMIES

|                                     |           |                 |                      |           |
|-------------------------------------|-----------|-----------------|----------------------|-----------|
| <b>Brazil</b>                       | -         | -               | 1979-1995            | 1996-2013 |
| <b>China (People's Republic of)</b> | -         | -               | -                    | -         |
| <b>India</b>                        | -         | -               | -                    | -         |
| <b>Colombia</b>                     | 1960-1967 | 1968-1969, 1972 | 1984-1996            | 1997-2012 |
| <b>Costa Rica</b>                   | 1961-1967 | 1968-1979       | 1980-1983, 1985-1996 | 1997-2013 |
| <b>Indonesia</b>                    | -         | -               | -                    | -         |
| <b>Lithuania</b>                    | -         | -               | -                    | 1998-2014 |

|                           |   |   |           |           |
|---------------------------|---|---|-----------|-----------|
| <b>Russian Federation</b> | - | - | 1980-1998 | 1999-2011 |
| <b>South Africa</b>       | - | - | 1993-1995 | 1996-2014 |

**Note:** 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.

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<http://www.oecd.org/health/health-data.htm>.