



Mortality Over Regions and Time (MORT) books

Web report | Last updated: 11 Jul 2023 | Topic: [Life expectancy & deaths](#) | [Media release](#)

About

MORT books are Excel workbooks that contain recent mortality data for specific geographical areas of Australia, sourced from the AIHW National Mortality Database. The workbooks also present the leading 20 causes of death by sex for specific geographical areas of Australia.

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Data visualisation

Mortality Over Regions and Time (MORT) data

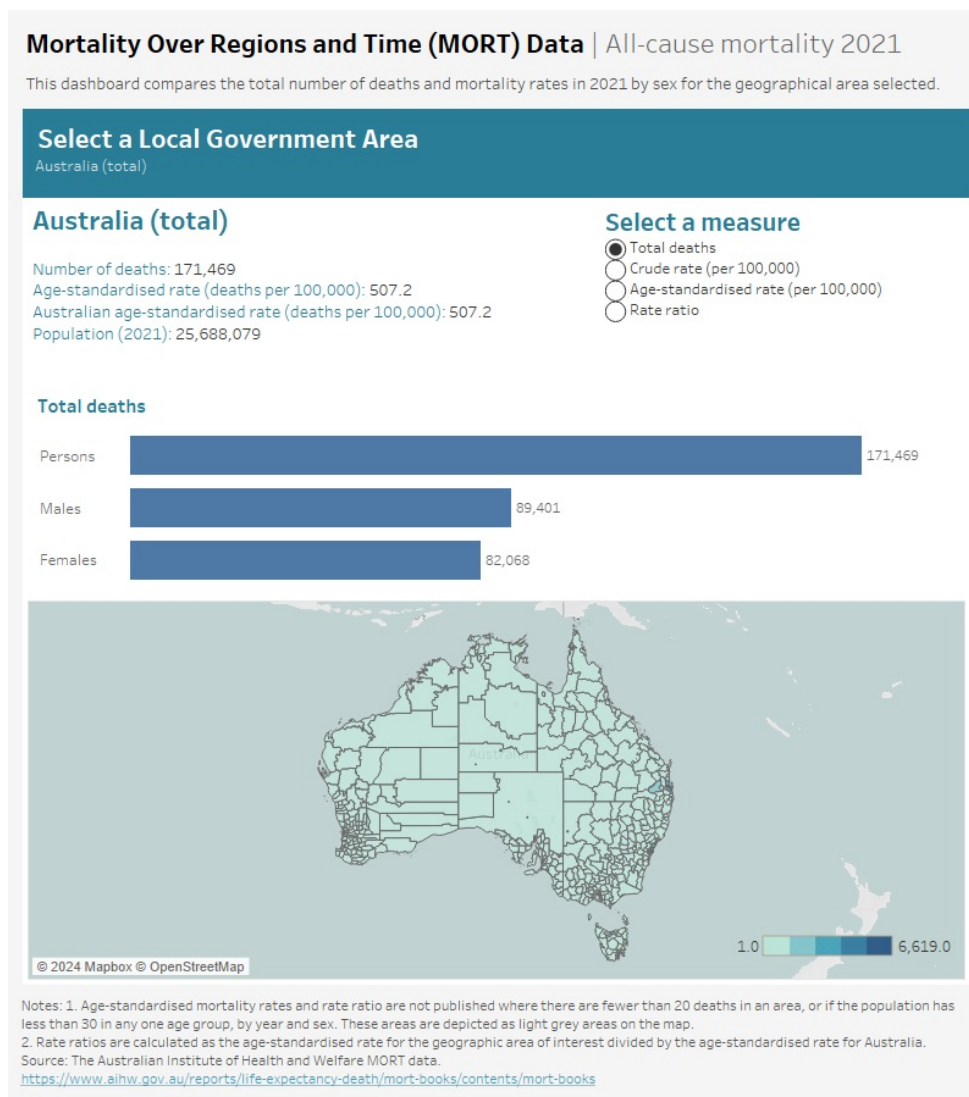
MORT data visualisation contains mortality data for the most recent year (2021) by specific geographical areas in an interactive format. There are 4 dashboards for the selected level of geography:

- Dashboard 1: "Snapshot" compares the total number of deaths and mortality rates in 2021 by sex for the geographical area selected.
- Dashboard 2: "Comparison" compares mortality statistics in 2021 for the geographical areas within each state and territory.
- Dashboard 3: "Leading causes of death" presents mortality statistics for the leading 20 causes of death in the geographical area selected, 2017-2021 combined.
- Dashboard 4: "Selected causes of death" presents mortality statistics for the top 20 causes of death for Australia by sex and geographical area, 2017-2021 combined.

On the map, if an area is zoomed in or out, click on the zoom home icon on the left side to allow correct display of another selected area. Machine readable forms of the MORT data are available on data.gov.au.

Information on the leading 20 causes of death for each geographical area are available in the [MORT Excel workbooks](#).

Local Government Area (LGA)



Primary Health Network (PHN)

Mortality Over Regions and Time (MORT) Data | All-cause mortality 2021

This dashboard compares the total number of deaths and mortality rates in 2021 by sex for the geographical area selected.

Select a Primary Health Network

Australia (total)

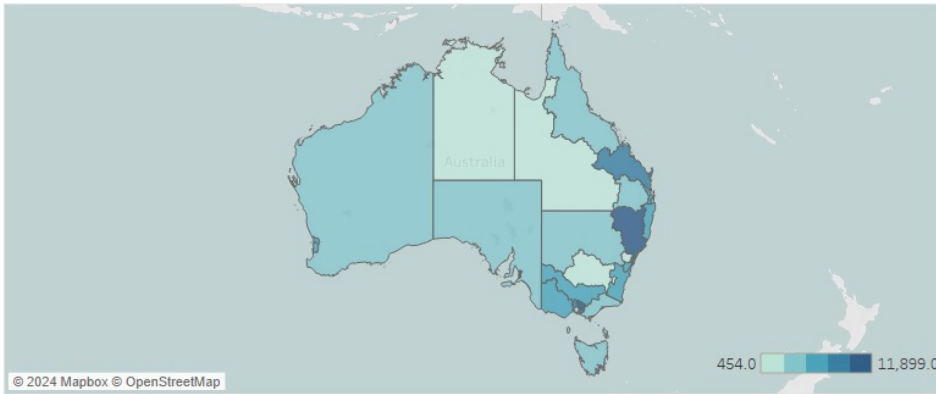
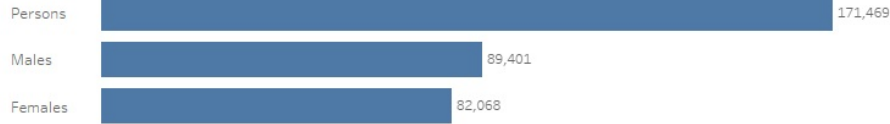
Australia (total)

Number of deaths: 171,469
Age-standardised rate (deaths per 100,000): 507.2
Australian age-standardised rate (deaths per 100,000): 507.2
Population (2021): 25,688,079

Select a measure

- Total deaths
- Crude rate (per 100,000)
- Age-standardised rate (per 100,000)
- Rate ratio

Total deaths



Notes: 1. Age-standardised mortality rates and rate ratio are not published where there are fewer than 20 deaths in an area, or if the population has less than 30 in any one age group, by year and sex. These areas are depicted as light grey areas on the map.

2. Rate ratios are calculated as the age-standardised rate for the geographic area of interest divided by the age-standardised rate for Australia.

Source: The Australian Institute of Health and Welfare MORT data.

<https://www.aihw.gov.au/reports/life-expectancy-death/mort-books/contents/mort-books>

Statistical Area Level 4 (SA4)

Mortality Over Regions and Time (MORT) Data | All-cause mortality 2021

This dashboard compares the total number of deaths and mortality rates in 2021 by sex for the geographical area selected.

Select a Statistical Area Level 4

Australia (total)

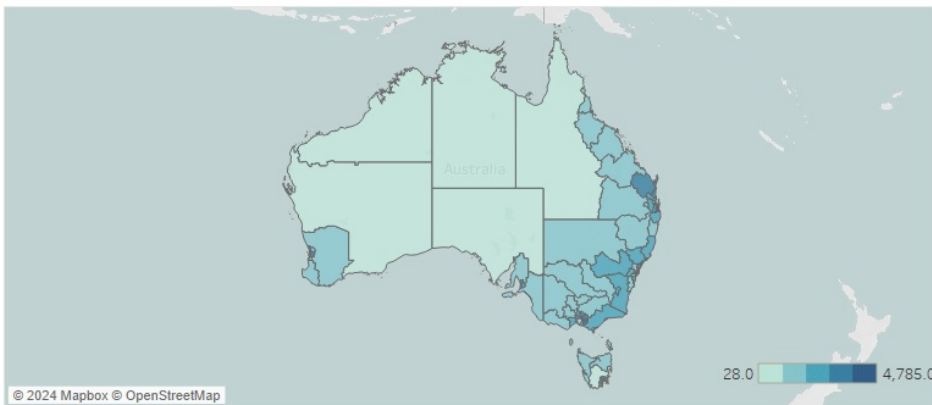
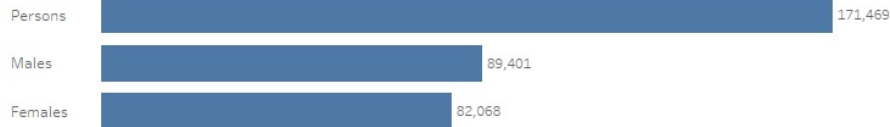
Australia (total)

Number of deaths: 171,469
Age-standardised rate (deaths per 100,000): 507.2
Australian age-standardised rate (deaths per 100,000): 507.2
Population (2021): 25,688,079

Select a measure

- Total deaths
- Crude rate (per 100,000)
- Age-standardised rate (per 100,000)
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Total deaths



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Source: The Australian Institute of Health and Welfare MORT data.
<https://www.aihw.gov.au/reports/life-expectancy-death/mort-books/contents/mort-books>

Statistical Area Level 3 (SA3)

Mortality Over Regions and Time (MORT) Data | All-cause mortality 2021

This dashboard compares the total number of deaths and mortality rates in 2021 by sex for the geographical area selected.

Select a Statistical Area Level 3

Australia (total)

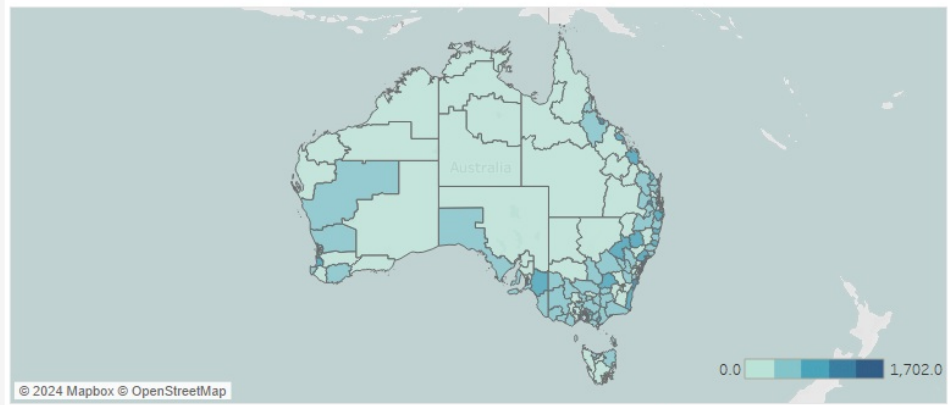
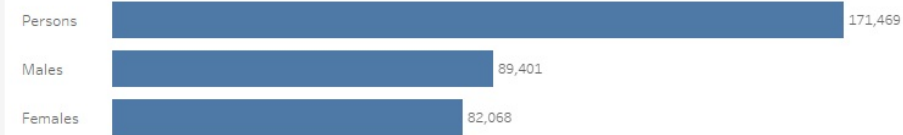
Australia (total)

Number of deaths: 171,469
Age-standardised rate (deaths per 100,000): 507.2
Australian age-standardised rate (deaths per 100,000): 507.2
Population (2021): 25,688,079

Select a measure

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- Crude rate (per 100,000)
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- Rate ratio

Total deaths



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Source: The Australian Institute of Health and Welfare MORT data.
<https://www.aihw.gov.au/reports/life-expectancy-death/mort-books/contents/mort-books>

State and Territory

Mortality Over Regions and Time (MORT) Data | All-cause mortality 2021

This dashboard compares the total number of deaths and mortality rates in 2021 by sex for the geographical area selected.

Select a state or territory

Australia (total)

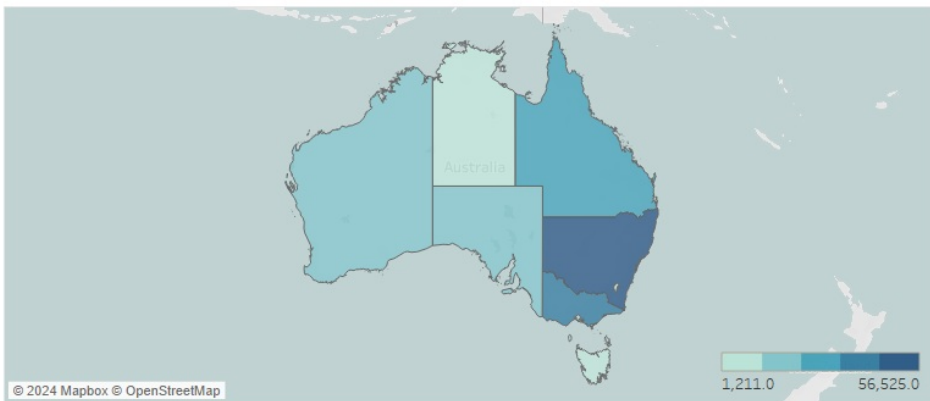
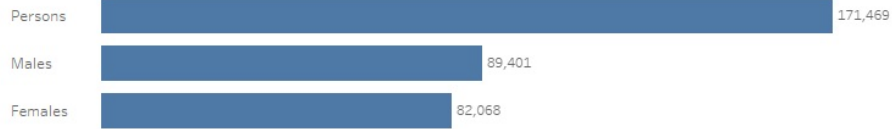
Australia (total)

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Source: The Australian Institute of Health and Welfare MORT data.

<https://www.aihw.gov.au/reports/life-expectancy-death/mort-books/contents/mort-books>

MORT Excel workbooks

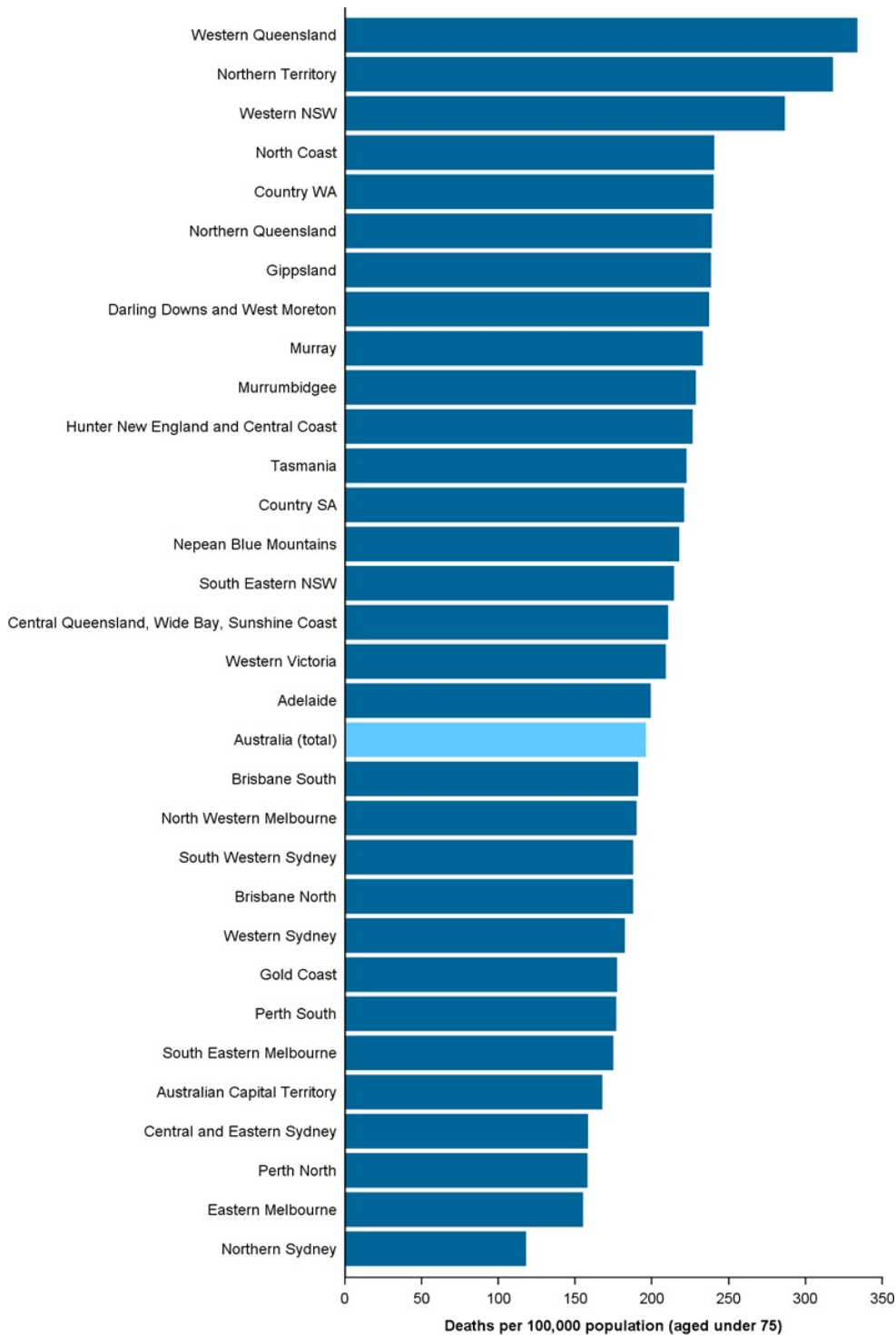
Mortality Over Regions and Time (MORT) books

MORT Excel workbooks present mortality data and leading causes of death by sex for specific geographical areas in 2017-2021. They include number of deaths, rates per population, median age at death, premature deaths, potential years of life lost and potentially avoidable deaths. Due to changes in geographic classifications over time, long-term trends are not available.

MORT books are available for the following:

Where possible, MORT books include graphical representations of age-standardised rates, premature deaths, potentially avoidable deaths and rate ratios for selected causes of death. For example:

Figure 1: Age-standardised rate of premature deaths (aged under 75), by Primary Health Network, 2021







Explanatory notes

Mortality data

1. Cause of Death Unit Record File data are provided to the AIHW by the Registries of Births, Deaths and Marriages and the National Coronial Information System (managed by the Victorian Department of Justice) and include cause of death coded by the Australian Bureau of Statistics (ABS). The data are maintained by the AIHW in the National Mortality Database.
2. Causes of death are coded by the ABS to the International Statistical Classification of Diseases and Related Health Problems (ICD).
3. Deaths are counted according to year of registration of death, not necessarily the year in which the death occurred.
4. Deaths registered in 2018 and earlier are based on the final version of cause of death data; deaths registered in 2019 are based on the revised version; deaths registered in 2020 and 2021 are based on the preliminary versions. Revised and preliminary versions are subject to further revision by the ABS.
5. Data by causes of death have been adjusted for Victorian additional death registrations in 2019. A time series adjustment has been applied to causes of death to enable a more accurate comparison of mortality over time. When the time series adjustment is applied, deaths are presented in the year in which they were registered (i.e. removed from 2019 and added to 2017 or 2018). For more detail please refer to [Technical note: Victorian additional registrations and time series adjustments in Causes of death, Australia methodology, 2019](#).
6. Data for the registration years 2013-2020 have been updated to include data quality and completeness activities conducted by the ABS. These include: additional Victorian death registrations in 2013-2016 that had not previously been included in the National Mortality Database; revisions to associated causes of death in Western Australia (2016-2020); and updates to deaths due to Other ill-defined and unspecified causes of mortality (R99) in the 2017 reference year. As a result, data may not equal previously published data for these years. For more detail please refer to [Causes of death, Australia methodology, 2021](#).
7. For more information on the AIHW National Mortality Database see [Deaths data at AIHW](#).
8. The data quality statements underpinning the AIHW National Mortality Database can be found in the following ABS publications:
 - ABS quality declaration summary for [Deaths, Australia](#)
 - ABS quality declaration summary for [Causes of death, Australia](#)

Population data

Australian estimated resident populations are sourced from the ABS reports *National, state and territory population, Australian demographic statistics* (ABS cat. no. 3101.0) and *Australian historical population statistics* (ABS cat. no. 3104.0.65.001).



Related material

Resources

Related topics

- [Rural & remote Australians](#)
-





Archived content

This section provides the Mortality Over Regions and Time (MORT) books that had been made available on the AIHW website in previous years. It should be noted that due to changes in geographical boundaries, disease definitions, cause of death data revisions, and revisions in population data over time, data presented in MORT books from previous years may not match that in later releases.

- [2016-2020](#)
 - [2015-2019](#)
 - [2014-2018](#)
 - [2013-2017](#)
 - [2012-2016](#)
 - [2011-2015](#)
 - [2010-2014](#)
-



2016-2020

This section provides the Mortality Over Regions and Time (MORT) books for the period 2016-2020. It should be noted that due to changes in geographical boundaries, disease definitions, cause of death data revisions, and revisions in population data over time, data presented in MORT books from previous years may not match that in later releases.





2015-2019

This section provides the Mortality Over Regions and Time (MORT) books for the period 2015-2019. It should be noted that due to changes in geographical boundaries, disease definitions, cause of death data revisions, and revisions in population data over time, data presented in MORT books from previous years may not match that in later releases.





2014-2018

This section provides the Mortality Over Regions and Time (MORT) books for the period 2014-2018. It should be noted that due to changes in geographical boundaries, disease definitions, cause of death data revisions, and revisions in population data over time, data presented in MORT books from previous years may not match that in later releases.





2013-2017

This section provides the Mortality Over Regions and Time (MORT) books for the period 2013-2017. It should be noted that due to changes in geographical boundaries, disease definitions, cause of death data revisions, and revisions in population data over time, data presented in MORT books from previous years may not match that in later releases.





2012-2016

This section provides the Mortality Over Regions and Time (MORT) books for the period 2012-2016. It should be noted that due to changes in geographical boundaries, disease definitions, cause of death data revisions, and revisions in population data over time, data presented in MORT books from previous years may not match that in later releases.





2011-2015

This section provides the Mortality Over Regions and Time (MORT) books for the period 2011-2015. It should be noted that due to changes in geographical boundaries, disease definitions, cause of death data revisions, and revisions in population data over time, data presented in MORT books from previous years may not match that in later releases.





2010-2014

This section provides the Mortality Over Regions and Time (MORT) books for the period 2010-2014. It should be noted that due to changes in geographical boundaries, disease definitions, cause of death data revisions, and revisions in population data over time, data presented in MORT books from previous years may not match that in later releases.

