

# Australian Health Performance Framework: PI 3.4.3— Major causes of death, 2021

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# Australian Health Performance Framework: PI 3.4.3—Major causes of death, 2021

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	AHPF PI 3.4.3—Major causes of death, 2021
<b>METEOR identifier:</b>	765828
<b>Registration status:</b>	<a href="#">Health</a> , Superseded 02/02/2024
<b>Description:</b>	Age-standardised mortality rate by major cause of death, and for Indigenous people and Primary Health Network areas.
<b>Indicator set:</b>	<a href="#">Australian Health Performance Framework, 2021</a> <a href="#">Health</a> , Standard 11/07/2023

## Collection and usage attributes

<b>Computation description:</b>	<p>Data is disaggregated by each International Classification of Diseases (ICD-10) chapter for underlying cause of death:</p> <ul style="list-style-type: none"><li>• Certain infectious and parasitic diseases (A00–B99)</li><li>• Neoplasms (cancer) (C00–D48)</li><li>• Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50–D89)</li><li>• Endocrine, nutritional and metabolic diseases (E00–E90)</li><li>• Mental and behavioural disorders (F00–F99)</li><li>• Nervous system diseases (G00–G99)</li><li>• Diseases of the eye and adnexa (H00–H59)</li><li>• Diseases of the ear and mastoid process (H60–H95)</li><li>• Circulatory diseases (I00–I99)</li><li>• Respiratory diseases (J00–J99)</li><li>• Digestive diseases (K00–K93)</li><li>• Diseases of the skin and subcutaneous tissue (L00–L99)</li><li>• Diseases of the musculoskeletal system and connective tissue (M00–M99)</li><li>• Diseases of the genitourinary system (N00–N99)</li><li>• Pregnancy, childbirth and the puerperium (O00–O99)</li><li>• Certain conditions originating in the perinatal period (P00–P96)</li><li>• Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)</li><li>• Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00–R99)</li><li>• Coronavirus disease of 2019 (COVID-19) (U07.1, U07.2)</li><li>• External causes of morbidity and mortality (V01–Y98)</li><li>• All causes</li></ul>
<b>Computation:</b>	<p><math>(\text{Numerator} \div \text{Denominator}) \times 100,000</math></p> <p>Rates are directly age-standardised to the 2001 Australian population. Presented per 100,000 population.</p>
<b>Numerator:</b>	Number of deaths

**Numerator data elements:****Data Element / Data Set****Data Element**

Person—underlying cause of death, code (ICD-10), ANN{.N}

**Data Source**

[AIHW National Mortality Database](#)

**Guide for use**

Data source type: Administrative by-product data

**Denominator:**

Total Australian population

**Denominator data elements:****Data Element / Data Set****Data Element**

Person—projected Indigenous population of Australia, total people N[N(7)]

**Data Source**

[ABS Indigenous estimates and projections \(2016 Census-based\)](#)

**Guide for use**

Data source type: Census-based data plus administrative by-product data

**Data Element / Data Set**

[Person—estimated resident population of Australia, total people N\[N\(7\)\]](#)

**Data Source**

[ABS Estimated resident population \(2016 Census-based\)](#)

**Guide for use**

Data source type: Census-based data plus administrative by-product data

**Disaggregation:**

2008 to 2019—Nationally, by underlying cause of death and sex.

2008 to 2019—State and territory, by underlying cause of death and sex.

2017 to 2019—Primary Health Network (PHN) by underlying cause of death and sex

2016 to 2019—Nationally, by Indigenous status, underlying cause of death and sex.

Some disaggregation may result in numbers too small for publication.

Disaggregation by Indigenous status will be based on data only from jurisdictions for which the quality of Indigenous identification is considered acceptable—New South Wales, Queensland, South Australia, Western Australia and Northern Territory.

Due to the small number of Indigenous deaths reported each year, 5-year combined data will be reported for Indigenous status disaggregation.

**Disaggregation data elements:**

**Data Element / Data Set**

**Data Element**

Person—underlying cause of death, code (ICD-10), ANN{.N}

**Data Source**

[AIHW National Mortality Database](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Person—Indigenous status, code N](#)

**Data Source**

[AIHW National Mortality Database](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Person—sex, code X](#)

**Data Source**

[AIHW National Mortality Database](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Person—area of usual residence, statistical area level 2 \(SA2\) code \(ASGS 2016\) N\(9\)](#)

**Data Source**

[AIHW National Mortality Database](#)

**Guide for use**

Data source type: Administrative by-product data

Used for disaggregation by state/territory and Primary Health Network

**Comments:** Most recent data available for 2021 Australian Health Performance Framework reporting:

- 2019
- Aggregated data 2016–2019 (Indigenous status)

Deaths registered in 2017 and earlier are based on the final version of cause of death data; deaths registered in 2018 are based on the revised version; and deaths registered in 2019 are based on the preliminary version. Revised and preliminary versions are subject to further revision by the Australian Bureau of Statistics (ABS).

Since 2013, the ABS has applied a number of updates to the ICD-10 along with the implementation of the Iris Software for automated coding of causes of death data. Details of the impact of these changes on the mortality data are described in [ABS Implementation of the Iris Software: Understanding Coding and Process Improvements](#). Prior to 2013, mortality data were coded using the ICD-10 2006 version; 2013-2017 data were coded using the ICD-10 2013 version; 2018 data were coded using the ICD-10 2016 version; 2019 data were coded using the ICD-10 2019 version.

Single year data will be reported for time series analysis.

Denominators used in the calculation of rates for the Indigenous population are ABS estimates (Series B, 2016 Census-based). Non-Indigenous estimates are only available for Census years; in the intervening years the population is calculated by subtracting the estimated Indigenous population from the total population Estimated Resident Population (ERP).

Indigenous and non-Indigenous analysis excludes records where Indigenous status was 'not stated'.

Due to the small number of Indigenous deaths reported each year, 5-year combined data will be reported for the current reporting period.

Data by remoteness and Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-Economic Disadvantage (IRSD) may be available, pending assessment of data quality.

## Representational attributes

<b>Representation class:</b>	Rate
<b>Data type:</b>	Real
<b>Unit of measure:</b>	Person
<b>Format:</b>	N[NN].N

## Indicator conceptual framework

**Framework and dimensions:** [4. Deaths](#)

## Data source attributes

**Data sources:****Data Source**

[ABS Indigenous estimates and projections \(2016 Census-based\)](#)

**Frequency**

Periodic

**Data custodian**

Australian Bureau of Statistics

**Data Source**

[AIHW National Mortality Database](#)

**Frequency**

Annual

**Data custodian**

Australian Institute of Health and Welfare

**Data Source**

[ABS Estimated resident population \(2016 Census-based\)](#)

**Frequency**

Quarterly

**Data custodian**

Australian Bureau of Statistics

**Accountability attributes**

**Reporting requirements:** Australian Health Performance Framework

**Organisation responsible for providing data:** Australian Institute of Health and Welfare

**Accountability:** Australian Institute of Health and Welfare

**Source and reference attributes**

**Submitting organisation:** Australian Institute of Health and Welfare

**Relational attributes**

**Related metadata  
references:**

Supersedes [Australian Health Performance Framework: PI 3.4.3—Major causes of death, 2020](#)

[Health](#), Superseded 13/10/2021

Has been superseded by [Australian Health Performance Framework: PI 3.4.3—Major causes of death, 2024](#)

[Health](#), Standard 02/02/2024

See also [Australian Health Performance Framework: PI 2.1.6—Potentially avoidable deaths, 2020](#)

[Health](#), Superseded 31/03/2023

See also [Australian Health Performance Framework: PI 2.1.6—Potentially avoidable deaths, 2021](#)

[Health](#), Superseded 02/02/2024

See also [National Healthcare Agreement: PI 08—Major causes of death, 2022](#)

[Health](#), Standard 24/09/2021