

# Australian Health Performance Framework: PI 2.1.6— Potentially avoidable deaths, 2019

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# Australian Health Performance Framework: PI 2.1.6–Potentially avoidable deaths, 2019

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	AHPF PI 2.1.6–Potentially avoidable deaths, 2019
<b>METEOR identifier:</b>	715192
<b>Registration status:</b>	<a href="#">Health!</a> , Standard 09/04/2020
<b>Description:</b>	Deaths from conditions that are potentially preventable through individualised care and/or treatable through existing primary or hospital care.
<b>Indicator set:</b>	<a href="#">Australian Health Performance Framework, 2019</a> <a href="#">Health!</a> , Standard 09/04/2020

## Collection and usage attributes

<b>Population group age to:</b>	74 years
<b>Computation description:</b>	Deaths are defined as avoidable in the context of the present health system.  International Classification of Diseases (ICD-10, 2015 version) codes in scope are as specified below:

Cause of death groups	ICD-10 Codes	Limits (age, sex)
<b>Infections</b>		
Selected invasive infections	A38–A41, A46, A48.1, G00, G03, J02.0, J13–J16, J18, L03	
Viral pneumonia and influenza	J10–J12	
HM/AIDS	B20–B24	
<b>Cancer</b>		
Colorectal	C18–C21	
Skin	C43, C44	
Breast	C50	Female
Cervix	C53	
Prostate	C61	
Kidney	C64	
Thyroid	C73	
Hodgkin's disease	C81	
Acute lymphoid leukaemia/Acute lymphoblastic leukaemia	C91.0	0–44 years
<b>Diabetes</b>	E10–E14	
<b>Diseases of the circulatory system</b>		
Rheumatic and other valvular heart disease	I00–I09, I33–I37	
Hypertensive heart and renal disease	I10–I13	

Ischaemic heart disease	I20–I25	
Cerebrovascular diseases	I60–I69	
Heart failure	I50, I51.1, I51.2, I51.4, I51.5	
Pulmonary embolism	I26	
<b>Diseases of the genitourinary system</b>		
Renal failure	N17–N19	
<b>Diseases of the respiratory system</b>		
COPD	J40–J44	
Asthma	J45, J46	
<b>Diseases of the digestive system</b>		
Peptic ulcer disease	K25–K27	
<b>Maternal &amp; infant causes</b>		
Complications of the perinatal period	P00–P96	
<b>Other conditions</b>		
Complications of pregnancy, labour or the puerperium	O00–O99	
<b>Selected external causes of morbidity and mortality</b>		
Falls	W00–W19	
Fires, burns	X00–X09	
Suicide and self-inflicted injuries	X60–X84, Y87.0	
Misadventures to patients during surgical and medical care	Y60–Y69	
Medical devices associated with adverse incidents in diagnostic and therapeutic use	Y70–Y82	
Surgical and other medical procedures as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure	Y83, Y84	
<b>Other external causes of morbidity and mortality</b>		
Transport accidents	V01–V99	
Exposure to inanimate mechanical forces	W20–W49	
Exposure to animate mechanical forces	W50–W64	
Accidental drowning and submersion	W65–W74	
Other accidental threats to breathing	W75–W84	
Exposure to electric current, radiation and extreme ambient air temperature and pressure	W85–W99	
Contact with heat and hot substances	X10–X19	
Contact with venomous animals and plants	X20–X29	
Exposure to forces of nature	X30–X39	
Accidental poisoning by and exposure to noxious substances	X40–X49	
Overexertion, travel and privation	X50–X57	

Accidental exposure to other and unspecified factors	X58,X59	
Assault	X85–Y09	
Event of undetermined intent	Y10–Y34	
Legal interventions and operations of war	Y35, Y36	
Drugs, medicaments and biological substances causing adverse effects in therapeutic use	Y40–Y59	
Sequelae of external causes of morbidity and mortality	Y85, Y86, Y87.1–Y89	

Rates are directly age-standardised to the 2001 Australian population.

Presented per 100,000 population.

**Computation:**

Number

$100,000 \times (\text{Numerator} \div \text{Denominator})$

**Numerator:**

Number of deaths of persons aged less than 75 categorised as potentially avoidable

**Numerator data elements:**

**Data Element / Data Set**

Person—age at death, NNNN

**Data Source**

[AIHW National Mortality Database](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

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:**

Population aged less than 75

**Denominator data elements:**

**Data Element / Data Set**

[Person—age, total years N\[NN\]](#)

**Data Source**

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

**Guide for use**

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

**Disaggregation:**

2009–2011 to 2011–2017—Nationally, by sex

2009–2011 to 2011–2017—State and territory, by sex

2009–2011 to 2011–2017—Primary Health Network (PHN), by sex

2009–2011 to 2011–2017—Statistical Local Area (SA3), by sex (not reported)

Some disaggregations may result in numbers too small for publication.

**Disaggregation data elements:**

**Data Element / Data Set**

Person—sex

**Data Source**

[AIHW National Mortality Database](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

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—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, PHN and SA3

**Comments:**

Most recent data available for 2019 Australian Health Performance Framework reporting: Aggregated data 2015–2017.

A number of updates to the ICD-10 were applied to 2013 and subsequent years causes of death data. Details of the impact of these changes on the mortality data are described in [ABS Implementation of Iris Software: Understanding Coding and Process Improvements](#).

2013 data are coded using ICD-10 (2013 version). 2014, 2015, 2016 and 2017 data are coded using ICD-10 (2015 version).

Three year combined data are reported for national and sub-national disaggregations.

Due to small number of Indigenous deaths reported each year, 5-year combined data will be reported for state and territory disaggregations.

Estimated Residential Population (ERP) for total population is sourced from ABS ERP at 30 June.

Data by remoteness may be available, pending assessment of data quality.

**Representational attributes**

**Representation class:** Rate

**Data type:** Real  
**Unit of measure:** Person  
**Format:** NN[N].N

## Indicator conceptual framework

**Framework and dimensions:** [1. Effectiveness](#)

## Data source attributes

**Data sources:**

### Data Source

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

#### Frequency

Quarterly

#### Data custodian

Australian Bureau of Statistics

### Data Source

[AIHW National Mortality Database](#)

#### Frequency

Annual

#### Data custodian

Australian Institute of Health and Welfare

## Accountability attributes

**Reporting requirements:** Australian Health Performance Framework

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

## Source and reference attributes

**Reference documents:** ABS (Australian Bureau of Statistics) 2018. Causes of Death, Australia, 2017. ABS cat.no. 3303.0. Canberra: ABS. Viewed 3 October 2019, <https://www.abs.gov.au/AUSSTATS/abs@.nsf/allprimarymainfeatures/D5FFC33C35BDEB78CA25847F0013A20C?opendocument>.

## Relational attributes

**Related metadata references:** Has been superseded by [Australian Health Performance Framework: PI 2.1.6–Potentially avoidable deaths, 2020](#)  
[Health!](#), Standard 01/12/2020

See also [Australian Health Performance Framework: PI 1.2.1–Rates of current daily smokers, 2019](#)  
[Health!](#), Standard 09/04/2020

See also [Australian Health Performance Framework: PI 1.2.1–Rates of current daily smokers, 2020](#)  
[Health!](#), Standard 13/10/2021

See also [Australian Health Performance Framework: PI 1.2.3–Levels of risky](#)

[alcohol consumption, 2019](#)  
[Health!](#), Standard 09/04/2020

See also [Australian Health Performance Framework: PI 1.3.1–Prevalence of overweight and obesity, 2019](#)  
[Health!](#), Standard 09/04/2020

See also [Australian Health Performance Framework: PI 2.1.4–Selected potentially preventable hospitalisations, 2019](#)  
[Health!](#), Standard 09/04/2020

See also [Australian Health Performance Framework: PI 2.4.1–Unplanned hospital readmission rates, 2019](#)  
[Health!](#), Standard 09/04/2020

See also [Australian Health Performance Framework: PI 3.4.1–Infant and young child mortality rate, 2019](#)  
[Health!](#), Standard 09/04/2020

See also [Australian Health Performance Framework: PI 3.4.2–Life expectancy, 2019](#)  
[Health!](#), Standard 09/04/2020

See also [Australian Health Performance Framework: PI 3.4.3–Major causes of death, 2019](#)  
[Health!](#), Standard 09/04/2020

See also [National Healthcare Agreement: PI 03–Prevalence of overweight and obesity, 2020](#)  
[Health!](#), Standard 13/03/2020

See also [National Healthcare Agreement: PI 03–Prevalence of overweight and obesity, 2021](#)  
[Health!](#), Standard 03/07/2020

See also [National Healthcare Agreement: PI 04–Rates of current daily smokers, 2020](#)  
[Health!](#), Standard 13/03/2020

See also [National Healthcare Agreement: PI 04–Rates of current daily smokers, 2021](#)  
[Health!](#), Standard 03/07/2020

See also [National Healthcare Agreement: PI 05–Levels of risky alcohol consumption, 2020](#)  
[Health!](#), Standard 13/03/2020

See also [National Healthcare Agreement: PI 05–Levels of risky alcohol consumption, 2021](#)  
[Health!](#), Standard 03/07/2020

See also [National Healthcare Agreement: PI 06–Life expectancy, 2020](#)  
[Health!](#), Standard 13/03/2020

See also [National Healthcare Agreement: PI 06–Life expectancy, 2021](#)  
[Health!](#), Standard 03/07/2020

See also [National Healthcare Agreement: PI 07–Infant and young child mortality rate, 2020](#)  
[Health!](#), Standard 13/03/2020

See also [National Healthcare Agreement: PI 07–Infant and young child mortality rate, 2021](#)  
[Health!](#), Standard 03/07/2020

See also [National Healthcare Agreement: PI 08–Major causes of death, 2020](#)  
[Health!](#), Standard 13/03/2020

See also [National Healthcare Agreement: PI 08–Major causes of death, 2021](#)  
[Health!](#), Standard 03/07/2020

See also [National Healthcare Agreement: PI 16–Potentially avoidable deaths, 2020](#)  
[Health!](#), Standard 13/03/2020

See also [National Healthcare Agreement: PI 16–Potentially avoidable deaths, 2021](#)  
[Health!](#), Standard 03/07/2020



See also [National Healthcare Agreement: PI 18–Selected potentially preventable hospitalisations, 2020](#)

[Health!](#), Standard 13/03/2020

See also [National Healthcare Agreement: PI 18–Selected potentially preventable hospitalisations, 2021](#)

[Health!](#), Standard 16/09/2020

See also [National Healthcare Agreement: PI 23–Unplanned hospital readmission rates, 2020](#)

[Health!](#), Standard 13/03/2020

See also [National Healthcare Agreement: PI 23–Unplanned hospital readmission rates, 2021](#)

[Health!](#), Standard 19/11/2020