National Healthcare Agreement: PI 20-Potentially avoidable deaths, 2012

Exported from METEOR (AIHW's Metadata Online Registry)

National Healthcare Agreement: PI 20-Potentially avoidable deaths, 2012

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 20-Potentially avoidable deaths, 2012
METEOR identifier:	443685
Registration status:	Health!, Superseded 25/06/2013
Description:	Deaths that are potentially avoidable within the present health system: • potentially preventable deaths are those amenable to screening and primary prevention such as immunisation • deaths from potentially treatable conditions are those amenable to therapeutic interventions
Indicator set:	National Healthcare Agreement (2012) Health!, Superseded 25/06/2013
Outcome area:	Primary and Community Health Health!, Standard 07/07/2010
Data quality statement:	National Healthcare Agreement: PI 20-Potentially avoidable deaths, 2012 QS Health!, Superseded 14/01/2015

Collection and usage attributes

Population group age to:	75 years
Computation description:	Deaths are defined as avoidable in the context of the present health system.

ICD-10 codes in scope are as specified below:

Cause of death group	ICD-10 Codes	Limits (age, sex)	Treatable	Preventable
Infections				
Tuberculosis	A15–A19, B90		X	
Selected invasive bacterial and protozoal infections	A38–A41, A46, A48.1 B50–B54, G00,G03, J02.0, J13–J15, J18, L03		X	
Hepatitis	B15–B19			X
HIV/AIDS	B20–B24			X
Viral pneumonia and influenza	J10, J12, J21			X
Enteritis and other diarrhoeal disease	A00–A09			X
Childhood vaccine-preventable diseases	A35–A37, A49.1, A49.2, A80, B01, B05–B06, J11	0–14		X
Sexually transmitted diseases, except HIV/AIDS	A50–A64, M02.3, N34.1, N70–N73, N75.0, N75.1, N76.4, N76.6, O00			X

Cause of death group	ICD-10 Codes	Limits (age, sex)	Treatable	Preventable
Ear infections—otitis media and mastoiditis	H65–H70		X	
Upper respiratory tract infection	J00–J06		X	
Cancer				
Lip, oral cavity and pharynx	C00–C14			X
Oesophagus	C15			X
Stomach	C16			X
Colorectal	C18–C21		X	
Liver	C22			X
Lung	C33, C34			X
Melanoma of skin	C43		X	
Non-melanocytic skin	C44		X	
Breast	C50	Female	X	
Cervix	C53		X	
Uterus	C54, C55		X	
Bladder	C67		X	
Thyroid	C73		X	
Hodgkin's disease	C81		X	
Lymphoid leukaemia—acute/chronic	C91.0, C91.1		X	
Benign cancers	D10–D36		X	
Malignant neoplasm of testis	C62			X
Malignant neoplasm of eye and adnexa	C69			X
Diabetes	E10–E14		X (0.5)	X (0.5)
Drug use disorders				
Alcohol related disease	F10, I42.6, K29.2, K70			X
Illicit drug use disorders	F11–F16, F18, F19			X
Epilepsy	G40, G41		X	
Diseases of the circulatory system				
Rheumatic and other valvular heart disease	I01–I09		X	
Hypertensive heart disease	I11		X	
Ischaemic heart disease	I20–I25		X (0.5)	X (0.5)
Cerebrovascular diseases	I60–I69		X (0.5)	X (0.5)
Aortic aneurysm	I71			X

Cause of death group	ICD-10 Codes	Limits (age, sex)	Treatable	Preventable
Phlebitis and thrombophlebitis of other deep vessels of lower extremities	I80.2			X
Pulmonary embolism	I26			X
Diseases of the genitourinary system				
Nephritis and nephrosis	I12, I13, N00–N07, N17–N19		X	
Obstructive uropathy & prostatic hyperplasia	N13, N20, N21, N35, N40		X	
Diseases of the respiratory system				
COPD	J40–J44	45–74 years		X
Asthma	J45, J46	0–44 years	X	
Diseases of the digestive system				
Peptic ulcer disease	K25–K28		X	
Diseases of appendix; hernia; disorders of gallbladder, biliary tract, and pancreas	K35–K38, K40–K46, K80–K83, K85, K86		X	
Chronic liver disease (excluding alcohol-related disease)	K73, K74			X
Maternal & infant causes				
Birth defects	H31.1, P00, P04, Q00–Q99		X	
Complications of perinatal period	P03, P05–P95		X	
Unintentional injuries				
Road traffic injuries	V01–V04, V06, V09–V80, V87, V89, V99			X
Falls	W00–W19			X
Fires, burns	X00–X09			X
Accidental poisonings	X40–X49			X
Drownings	W65–W74			X
War	Y36			X
Intentional injuries				
Suicide and self-inflicted injuries	X60–X84, Y87.0, Y10–Y34			X
Violence	X85–Y09, Y87.1			X
Other conditions				
Nutritional deficiency anaemia	D50–D53			X

Cause of death group	ICD-10 Codes	Limits (age, sex)	Treatable	Preventable
Thyroid disorders	E00–E07		X	
Adrenal disorders	E24, E27		X	
Congenital metabolic disorders	E25, E70.0, E74.2		X	
Osteomyelitis and other osteopathies of bone	M86, M89			X
Complications of pregnancy, labour or the puerperium	O01–O99			X
Misadventures to patients during surgical and medical care	Y60–Y69			X
Medical devices associated with adverse incidents in diagnostic & therapeutic use	Y70–Y82			X
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			X

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

Variability bands are to be calculated for single-year rates using the method below.

Presented per 100,000 population.

Computation:

100,000 x (Numerator ÷ Denominator)

Calculated separately for 'preventable' and 'treatable' categories.

Variability bands are to be calculated for single-year rates using the following method for estimating 95% confidence intervals:

Age-standardised rate

$$CI(ASR)_{95\%} = ASR \pm 1.96 \times \sqrt{\sum_{i=1}^{i} \frac{w_i^2 d_i}{n_i^2}}$$

Where w_i = the proportion of the standard population in age group i

d = the number of deaths in age group i

n = the number of people in the population in age group i

Numerator:

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

Numerator data elements:

> **Data Element / Data Set**
>
> [Person—underlying cause of death, code (ICD-10 2nd edn) ANN-ANN](#)
>
> **Data Source**
>
> [ABS Causes of Death Collection](#)
>
> **Guide for use**
>
> Data source type: Registry

Denominator: Population aged less than 75 years

Denominator data elements:

> **Data Element / Data Set**
>
> Person—estimated resident population of Australia
>
> **Data Source**
>
> [ABS Estimated resident population (total population)](#)
>
> **Guide for use**
>
> Data source type: Census-based plus administrative by-product data

> **Data Element / Data Set**
>
> Person—estimated resident population of Australia
>
> **Data Source**
>
> [ABS Indigenous experimental estimates and projections (2001 Census-based)](#)
>
> **Guide for use**
>
> Data source type: Census-based plus administrative by-product data

> **Data Element / Data Set**
>
> [Person—age, total years N[NN]](#)
>
> **Data Source**
>
> [ABS Estimated resident population (total population)](#)
>
> **Guide for use**
>
> Data source type: Census-based plus administrative by-product data

> **Data Element / Data Set**
>
> [Person—age, total years N[NN]](#)
>
> **Data Source**
>
> [ABS Indigenous experimental estimates and projections (2001 Census-based)](#)
>
> **Guide for use**
>
> Data source type: Census-based plus administrative by-product data

| **Disaggregation:** | 2007 and 2008 (updated for ABS revised cause of death data and variability bands) and 2009—Nationally, by preventable and treatable categories: |
| | |

- Indigenous status

2003–2007 and 2004–2008 (updated for ABS revised cause of death data) and 2005–2009—State and territory, by preventable and treatable categories, by:

- Indigenous status

Some disaggregations 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—NSW, Qld, SA, WA, NT.

Disaggregation data elements:

Data Element / Data Set

[Person—Indigenous status, code N](#)

Data Source

[ABS Causes of Death Collection](#)

Guide for use

Data source type: Registry

Data Element / Data Set

[Person—area of usual residence, geographical location code (ASGC 2007) NNNNN](#)

Data Source

[ABS Causes of Death Collection](#)

Guide for use

Data source type: Registry
Used for disaggregation by state/territory

Comments: Most recent data available for 2012 CRC report:

- 2009 (Total population)
- Aggregated data 2005–2009 (Indigenous status)

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

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:	[Deaths](#)

Data source attributes

Data sources:

Data Source

[ABS Estimated resident population (total population)](#)

Frequency

Quarterly

Data quality statement

[ABS Estimated resident population (total population), QS](#)

Data custodian

Australian Bureau of Statistics

Data Source

[ABS Causes of Death Collection](#)

Frequency

Annual

Data quality statement

[ABS causes of death collection, QS](#)

Data custodian

Australian Bureau of Statistics

Data Source

[ABS Indigenous experimental estimates and projections (2001 Census-based)](#)

Frequency

Periodic

Data quality statement

[ABS Indigenous experimental estimates and projections, QS](#)

Data custodian

Australian Bureau of Statistics

Accountability attributes

Reporting requirements:	National Healthcare Agreement
Organisation responsible for providing data:	Australian Bureau of Statistics (ABS).
Benchmark:	[National Healthcare Agreement: PB 02—By 2018, reduce the national smoking rate to 10 per cent of the population and halve the Indigenous smoking rate (Baseline specification), 2012](#)
Further data development / collection required:	Specification: Interim

Relational attributes

Related metadata references:	Supersedes [National Healthcare Agreement: PI 20-Potentially avoidable deaths, 2011](#)
	[Health!](#), Superseded 31/10/2011

Has been superseded by [National Healthcare Agreement: PI 16-Potentially avoidable deaths, 2013](#)
> [Health!](#), Superseded 30/04/2014

See also [National Healthcare Agreement: PB 02-By 2018, reduce the national smoking rate to 10 per cent of the population and halve the Indigenous smoking rate (Baseline specification), 2012](#)
> [Health!](#), Superseded 25/06/2013
> [Indigenous](#), Standard 11/09/2012

See also [National Healthcare Agreement: PB 03-By 2017, increase by five percentage points the proportion of Australian adults and children at a healthy body weight, over the 2009 baseline (Baseline specification), 2012](#)
> [Health!](#), Superseded 25/06/2013

See also [National Healthcare Agreement: PB 08-Close the life expectancy gap for Indigenous Australians within a generation, 2012](#)
> [Health!](#), Superseded 25/06/2013
> [Indigenous](#), Standard 11/09/2012

See also [National Healthcare Agreement: PB 09-Halve the mortality gap for Indigenous children under five within a decade, 2012](#)
> [Health!](#), Superseded 25/06/2013
> [Indigenous](#), Standard 11/09/2012

See also [National Healthcare Agreement: PI 05-Proportion of persons obese, 2012](#)
> [Health!](#), Superseded 25/06/2013

See also [National Healthcare Agreement: PI 06-Proportion of adults who are daily smokers, 2012](#)
> [Health!](#), Superseded 25/06/2013

See also [National Healthcare Agreement: PI 07-Proportion of adults at risk of long-term harm from alcohol, 2012](#)
> [Health!](#), Superseded 25/06/2013

See also [National Healthcare Agreement: PI 09-Immunisation rates for vaccines in the national schedule, 2012](#)
> [Health!](#), Retired 25/06/2013

See also [National Healthcare Agreement: PI 18-Life expectancy, 2012](#)
> [Health!](#), Superseded 25/06/2013

See also [National Healthcare Agreement: PI 19-Infant and young child mortality rate, 2012](#)
> [Health!](#), Superseded 25/06/2013

See also [National Healthcare Agreement: PI 22-Selected potentially preventable hospitalisations, 2012](#)
> [Health!](#), Superseded 25/06/2013

See also [National Healthcare Agreement: PI 43-Unplanned/unexpected readmissions within 28 days of selected surgical episodes of care, 2012](#)
> [Health!](#), Superseded 25/06/2013

See also [National Healthcare Agreement: PI 59-Age-standardised mortality by major cause of death, 2012](#)
> [Health!](#), Superseded 25/06/2013