National Health Performance Authority, Healthy Communities: Potentially avoidable deaths, 2009–2011

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National Health Performance Authority, Healthy Communities: Potentially avoidable deaths, 2009–2011

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	Potentially avoidable deaths, 2009–2011
METEOR identifier:	527720
Registration status:	National Health Performance Authority (retired), Retired 01/07/2016
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 Health Performance Authority: Healthy Communities: 2011–National Health Performance Authority (retired), Retired 01/07/2016

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.
	International Classification of Diseases (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 (except for J02.0)		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				

Cause of death group	ICD-10 Codes	Limits (age, sex)	Treatable	Preventable
Nutritional deficiency anaemia	D50–D53			X
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

Computation:

100,000 x (Numerator ÷ Denominator)

Calculated separately for:

- Potentially avoidable deaths
- Potentially preventable deaths
- Deaths from potentially treatable conditions

Presented per 100,000 population, age-standardised to the total Australian population as at 30 June 2001

Calculated for preventable and treatable categories by age and sex.

Numerator:

Deaths among people by sex aged less than 75 years categorised as potentially avoidable (preventable, treatable)

Numerator data elements:

┌─ **Data Element / Data Set** ─────────────────

Person—age, total years N[NN]

Data Source

ABS Causes of Death Collection

Guide for use

Data source type: Registry

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┌─ **Data Element / Data Set** ─────────────────

Person—potentially preventable death indicator, yes/no code N

Data Source

ABS Causes of Death Collection

Guide for use

Data source type: Registry

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┌─ **Data Element / Data Set** ─────────────────

Person—potentially treatable death indicator, yes/no code N

Data Source

ABS Causes of Death Collection

Guide for use

Data source type: Registry

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Denominator: Population aged less than 75 years by sex

Denominator data elements:

┌─ **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

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Disaggregation: Sex, Medicare Local catchments and Medicare Local peer groups

Disaggregation data elements:

Data Element / Data Set

[Person—sex, code N](#)

Data Element / Data Set

[Administrative health region—Medicare Local identifier, code AANNN](#)

Data Element / Data Set

[Administrative health region—Medicare Local peer group, code N](#)

Comments: Individual Medicare Locals do not include deaths coded to an undefined area, including: migratory, offshore and shipping, overseas usual residence, no usual address, and unknown usual residence deaths. Deaths coded to these ill-defined geographies are included in whole State, Territory, Australia and Medicare Locals totals.

Representational attributes

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

Indicator conceptual framework

Framework and dimensions:

[PAF-Effectiveness](#)

- [PAF-Appropriateness](#)
- [PAF-Effectiveness of access](#)
- [PAF-Quality](#)
  - [PAF-Capability](#)
  - [PAF-Continuity](#)
  - [PAF-Responsiveness](#)
  - [PAF-Safety](#)
- [PAF-Sustainability](#)

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

Accountability attributes

Reporting requirements:	National Health Performance Agreement - Performance and Accountability Framework
Organisation responsible for providing data:	Australian Bureau of Statistics

Source and reference attributes

Submitting organisation:	National Health Performance Authority
Origin:	Healthy Communities
Reference documents:	National Health Performance Agreement - Performance and Accountability Framework