

National Healthcare Agreement: PI 59-Age-standardised mortality by major cause of death, 2012

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National Healthcare Agreement: PI 59-Age-standardised mortality by major cause of death, 2012

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 59-Mortality by major cause of death, 2012
METEOR identifier:	443713
Registration status:	Health , Superseded 25/06/2013
Description:	Age-standardised mortality rate by major cause of death, and rate ratios for Indigenous people and people living in remote or low socioeconomic areas.
Indicator set:	National Healthcare Agreement (2012) Health , Superseded 25/06/2013
Outcome area:	Social Inclusion and Indigenous Health Health , Standard 07/07/2010 Indigenous , Standard 11/09/2012
Data quality statement:	National Healthcare Agreement: PI 59-Age-standardised mortality by major cause of death, 2012 QS Health , Superseded 14/01/2015

Collection and usage attributes

Computation description: Each ICD-10 chapter for underlying cause of death plus major causes of:

- Circulatory diseases (I00-I99)
- Neoplasms (cancer) (C00-D48)
- External causes of morbidity and mortality (V01-Y98)
- Endocrine, metabolic and nutritional disorders (E00-E90)
- Respiratory diseases (J00-J99)
- Digestive diseases (K00-K93)
- Kidney diseases (N00-N29)
- Conditions originating in the perinatal period (P00-P96)
- Infectious and parasitic diseases (A00-B99)
- Nervous system diseases (G00-G99)
- Other causes
- All causes

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. Rate ratio calculated for Indigenous:non-Indigenous.

Computation:

100,000 x (Numerator ÷ Denominator)

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_i = the number of deaths in age group i

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

Numerator:

Number of deaths

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: Administrative by-product data

Denominator:

Total population

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

Person—estimated resident population of Australia

Data Source

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

Guide for use

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

Data Element / Data Set**Data Element**

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 data plus administrative by-product data

Disaggregation:

2007, 2008 and 2009 (updated for age standardisation and variability bands), and 2010—State and territory (total deaths)

2007 and 2008 (updated for revision to ABS cause of death data, age standardisation and variability bands), and 2009—State and territory, by ICD-10 chapter for underlying cause of death (and total)

2003–2007 and 2004–2008 (updated for revision to ABS cause of death data) and 2005–2009—State and territory, by major cause of death (and total) by, Indigenous status

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—NSW, Qld, SA, WA and 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: Administrative by-product data

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: Administrative by-product data

Data Element / Data Set**Data Source**

[ABS Causes of Death Collection](#)

Guide for use

Data source type: Administrative by-product data
Used for disaggregation by state/territory

Comments: Most recent data available for 2012 CRC report: 2010

Aggregated data: 2005–2009.

Cause of death data are final (2007), revised (2008) and preliminary (2009).

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

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.

Further details (including data for 2002–06) are available from the Aboriginal and Torres Strait Islander Health Performance Framework (Indicator 1.22 and 1.23).

<http://www.aihw.gov.au/publications/ihw/aatsihpf08r-da/atsihpf08r-c01-22.pdf>

<http://www.aihw.gov.au/publications/ihw/aatsihpf08r-da/atsihpf08r-c01-23.pdf>

For further detailed analysis by Indigenous status, see the National Indigenous Reform Agreement (NIRA) report.

Representational attributes

Representation class: Rate

Data type: Real

Unit of measure: Person

Format: N[NN].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

Further data development / collection required: Specification: Long-term

Relational attributes

**Related metadata
references:**

Supersedes [National Healthcare Agreement: PI 59-Age-standardised mortality by major cause of death, 2011](#)

[Health](#), Superseded 31/10/2011

Has been superseded by [National Healthcare Agreement: PI 08-Major causes of death, 2013](#)

[Health](#), Superseded 30/04/2014

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 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 20-Potentially avoidable deaths, 2012](#)

[Health](#), Superseded 25/06/2013

See also [National Indigenous Reform Agreement: PI 02-Mortality rate \(and excess deaths\) by leading causes, 2011](#)

[Indigenous](#), Superseded 01/07/2012

See also [National Indigenous Reform Agreement: PI 02-Mortality rate \(and excess deaths\) by leading causes, 2012](#)

[Indigenous](#), Superseded 13/06/2013