

# National Healthcare Agreement: PI 08-Major causes of death, 2013

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# National Healthcare Agreement: PI 08-Major causes of death, 2013

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Progress measure
<b>Short name:</b>	PI08-Major causes of death, 2013
<b>METEOR identifier:</b>	497524
<b>Registration status:</b>	<a href="#">Health!</a> , Superseded 30/04/2014
<b>Description:</b>	Age-standardised mortality rate by major cause of death, and rate ratios for Indigenous people and people living in remote or low socioeconomic areas.
<b>Indicator set:</b>	<a href="#">National Healthcare Agreement (2013)</a> <a href="#">Health!</a> , Superseded 30/04/2014
<b>Outcome area:</b>	<a href="#">Social Inclusion and Indigenous Health</a> <a href="#">Health!</a> , Standard 07/07/2010 <a href="#">Indigenous</a> , Standard 11/09/2012
<b>Data quality statement:</b>	<a href="#">National Healthcare Agreement: PI08-Major causes of death, 2013 QS</a> <a href="#">Health!</a> , Superseded 14/01/2015

## Collection and usage attributes

**Computation description:** Each International Classification of Diseases (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**

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**

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 (revised WA and national Indigenous deaths data), 2008 and 2009 (updated for revision to ABS cause of death data, revised WA and national Indigenous deaths data), 2010 (updated for revisions to ABS cause of death data) and 2011 — State and territory (total deaths).

2007 (revised WA and national Indigenous deaths data), 2008, 2009 (updated for revision to ABS cause of death data, revised WA and national Indigenous deaths data), and 2010 — State and territory, by ICD-10 chapter for underlying cause of death (and total).

2006-2010 — 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**

[Person—area of usual residence, geographical location code \(ASGC 2009\) NNNNN](#)

**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 2013 Council of Australian Governments (COAG) Reform Council (CRC) report:

- 2011 (total deaths)
- 2010 (cause of death)
- Aggregated data 2006-2010 (Indigenous status)

Cause of death data are final (2007, 2008), revised (2009) and preliminary (2010).

A system error affected the reporting of WA Aboriginal and Torres Strait Islander death registrations for 2007, 2008 and 2009 which affected the WA and national death rates reported for the 2011 and 2012 CRC reports. These data have been revised for 2013 reporting.

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 and Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-Economic Disadvantage (IRSD) 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

<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

<b>Framework and dimensions:</b>	<a href="#">Deaths</a>
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## 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: Final, the measure meets the intention of the indicator.

## Relational attributes

**Related metadata references:**

Supersedes [National Healthcare Agreement: PI 59-Age-standardised mortality by major cause of death, 2012](#)

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

Has been superseded by [National Healthcare Agreement: PI 08-Major causes of death, 2014](#)

[Health!](#), Superseded 14/01/2015

See also [National Healthcare Agreement: PI 06-Life expectancy, 2013](#)

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

See also [National Healthcare Agreement: PI 07-Infant and young child mortality rate, 2013](#)

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

See also [National Healthcare Agreement: PI 16-Potentially avoidable deaths, 2013](#)

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

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

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