

National Indigenous Reform Agreement: PI 02- Mortality rate (and excess deaths) by leading causes, 2011

Exported from METEOR (AIHW's Metadata Online Registry)

© Australian Institute of Health and Welfare 2024

This product, excluding the AIHW logo, Commonwealth Coat of Arms and any material owned by a third party or protected by a trademark, has been released under a Creative Commons BY 4.0 (CC BY 4.0) licence. Excluded material owned by third parties may include, for example, design and layout, images obtained under licence from third parties and signatures. We have made all reasonable efforts to identify and label material owned by third parties.

You may distribute, remix and build on this website's material but must attribute the AIHW as the copyright holder, in line with our attribution policy. The full terms and conditions of this licence are available at <https://creativecommons.org/licenses/by/4.0/>.

Enquiries relating to copyright should be addressed to info@aihw.gov.au.

Enquiries or comments on the METEOR metadata or download should be directed to the METEOR team at meteor@aihw.gov.au.

National Indigenous Reform Agreement: PI 02- Mortality rate (and excess deaths) by leading causes, 2011

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	PI 02-Mortality rate (and excess deaths) by leading causes, 2011
METEOR identifier:	425739
Registration status:	Indigenous , Superseded 01/07/2012
Description:	<p>There are two measures for this indicator:</p> <p>Measure (1a): Mortality rates for Australians by leading causes of death (ICD-10 chapter level), by Indigenous status</p> <p>Measure (1b): Excess deaths for Indigenous Australians by the leading causes of death (ICD-10 chapter level).</p>
Rationale:	Achieving the Closing the Gap target of closing the life expectancy gap within a generation requires monitoring mortality rates for different diseases so that it is understood which diseases are major contributors to mortality among Indigenous Australians and where programs are succeeding and where they are not.
Indicator set:	National Indigenous Reform Agreement (2011) Indigenous , Superseded 01/07/2012
Outcome area:	Indigenous Australians achieve health outcomes comparable to the broader population Indigenous , Superseded 25/02/2024

Collection and usage attributes

Computation description: There are two measures for this indicator:

Measure (1a): Mortality rates for Australians by the leading causes of death, by Indigenous status.

Measure (1b): Excess deaths for Indigenous Australians by the leading causes of death.

Crude rates are calculated for Indigenous Australians; age-standardised rates are calculated for Indigenous and non-Indigenous Australians.

Rate ratios and rate differences are calculated for Indigenous:non-Indigenous.

Presentation:

(1a): Per 100,000 persons; percentage; and causes listed from highest to lowest percentage.

(1b): Number; percentage; and causes listed from highest to lowest percentage.

Definitions:

Excess deaths: observed number of deaths less expected number of deaths if the age-specific rates of the non-Indigenous population were applied to the Indigenous population.

This measure refers to 'leading causes of death'. Data are provided for 'selected causes of death' according to the ICD-10 codes used for 'leading causes of death' in the Aboriginal and Torres Strait Islander Health Performance Framework:

- Circulatory diseases (I00-I99)
- Neoplasms (cancer) (C00-D48)
 - Malignant neoplasms of digestive organs (C15-C26)
 - Malignant neoplasm of bronchus and lung
 - Malignant neoplasm of cervix uteri
- External causes of morbidity and mortality (V01-Y98)
- Endocrine, metabolic and nutritional disorders (E00-E90)
 - Diabetes mellitus (E10-E14)
- 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

Computation: (1a): Crude percentage: number of deaths by cause divided by all deaths.

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

Excess deaths (1b): Observed number of Indigenous deaths less expected number of Indigenous deaths if the age specific rates of the non-Indigenous population were applied to the Indigenous population.

Numerator: Number of deaths

Numerator data elements:

Data Element / Data Set

[Person—date of birth, DDMMYYYY](#)

Data Source

[ABS Death Registrations Collection](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Person—date of birth, DDMMYYYY](#)

Data Source

[ABS Causes of Death Collection](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Person—date of death, DDMMYYYY](#)

Data Source

[ABS Death Registrations Collection](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Person—date of death, DDMMYYYY](#)

Data Source

[ABS Causes of Death Collection](#)

Guide for use

Data source type: Administrative by-product data

Denominator:

Total population of all people

Denominator data elements:

Data Element / Data Set

[Person—estimated resident population of Australia, total people N\[N\(7\)\]](#)

Data Source

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

Guide for use

Data source type: Derived from Census, PES and assumptions on future fertility, mortality, net migration etc.

Data Element / Data Set

[Person—estimated resident population of Australia, total people N\[N\(7\)\]](#)

Data Source

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

Guide for use

Data source type: Derived from Census, Post-enumeration survey (PES) and assumptions on future fertility, mortality, net migration etc.

Disaggregation:

For Indigenous only (crude rates):

- State and Territory by leading cause of death (ICD-10 chapter level and some sub-chapter level).
- National by sex and leading cause of death (ICD-10 chapter level and some sub-chapter level).
- National by sex by excess deaths (ICD-10 chapter level and some sub-chapter level).

For Indigenous and non-Indigenous (age standardised rates):

- State and territory by leading cause of death (ICD-10 chapter level and some sub-chapter level).
- National by sex by leading cause of death (ICD-10 chapter level and some sub-chapter level).

Disaggregation data elements:

Data Element / Data Set

[Person—sex, code N](#)

Data Source

[ABS Death Registrations Collection](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Person—Indigenous status, code N](#)

Data Source

[ABS Death Registrations 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 \(ASGC 2007\) NNNNN](#)

Data Source

[ABS Death Registrations Collection](#)

Guide for use

Data source type: Administrative by-product data

Comments:

Most recent data available for 2011 CRC report is 2008. 2007 Backcast data is also provided due to revised causes of deaths data for 2007, and to provide national totals based on five jurisdictions only.

Aggregated data (2003-2007 and 2004-2008) will be reported for the current reporting period.

Single year data (2007, 2008) will be reported for time series (national for leading causes of death; national by sex for the top five causes of death (ICD-10 chapter level); state/territory for the top five causes of death (ICD-10 chapter level), including total deaths).

Disaggregation by Indigenous status will be based on data only from jurisdictions for which the quality of Indigenous identification is considered acceptable.

At this stage, only data from selected state/territories are considered of acceptable quality for reporting mortality of Indigenous persons (NSW, Qld, WA, SA & NT).

National rates should include these five states and territories only.

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

Rates are age standardised using the indirect method.

Baseline year for this indicator is 2006; target year is 2031.

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 Death Registrations Collection](#)

Frequency

Annual

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

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 Indigenous Reform Agreement.

Organisation responsible for providing data: Australian Bureau of Statistics (ABS).

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

Relational attributes

Related metadata references:

Supersedes [National Indigenous Reform Agreement: P02-Mortality rate \(and excess deaths\) by leading causes, 2010](#)
[Community Services \(retired\)](#), Superseded 04/04/2011

Has been superseded by [National Indigenous Reform Agreement: PI 02-Mortality rate \(and excess deaths\) by leading causes, 2012](#)
[Indigenous](#), Superseded 13/06/2013

See also [National Healthcare Agreement: PI 08-Major causes of death, 2013](#)
[Health](#), Superseded 30/04/2014

See also [National Healthcare Agreement: PI 59-Age-standardised mortality by major cause of death, 2011](#)
[Health](#), Superseded 31/10/2011

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