

National Indigenous Reform Agreement: PI 09b-Child under 5 mortality rate (and excess deaths) (ABS Data), 2011

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National Indigenous Reform Agreement: PI 09b-Child under 5 mortality rate (and excess deaths) (ABS Data), 2011

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	PI 09b-Child under 5 mortality rate (and excess deaths) (ABS Data), 2011
METEOR identifier:	425757
Registration status:	Indigenous , Superseded 01/07/2012
Description:	<p>There are two measures for this indicator:</p> <p>Measure (1a): Mortality rates for children aged less than five years, by Indigenous status.</p> <p>Measure (1b): Excess deaths for Indigenous children aged less than five years.</p> <p>The Australian Bureau of Statistics (ABS) data for this indicator is for perinatal mortality, infant mortality, child 1-4 years mortality and child 0-4 years mortality.</p>
Rationale:	High level of public interest. Key measure for the 'Closing the Gap' indicator of halving the gap in mortality rates for children under 5.
Indicator set:	National Indigenous Reform Agreement (2011) Indigenous , Superseded 01/07/2012
Outcome area:	Indigenous children have the same health outcomes as other Australian children Indigenous , Standard 21/07/2010

Collection and usage attributes

Population group age to:	Under 5 years of age
Computation description:	<p>Rate ratios and rate differences are calculated for Indigenous:non-Indigenous.</p> <p>Presentation:</p> <p>(1a):</p> <p>Per 1,000 births (perinatal and infant)</p> <p>Per 100,000 persons (children 1-4 and children 0-4)</p> <p>(1b): Excess deaths: number.</p> <p><u>Definitions:</u></p> <p>'Perinatal mortality' is defined in the ABS Perinatals Collection as death of a baby within 28 days of birth (neonatal death) or of a fetus (unborn child) that weighs at least 400 grams or, if birth weight is unavailable, at gestational age of 20 weeks or more.</p>
Computation:	<p>Perinatal and infant mortality rates: $1000 \times (\text{Numerator} \div \text{Denominator})$.</p> <p>Children 1-4 and 0-4 mortality rates: $100,000 \times (\text{Numerator} \div \text{Denominator})$.</p> <p>Excess deaths: Observed number of Indigenous deaths among babies before, during or within one month of birth (perinatals), infants, children aged 1-4 years and children aged 0-4 years less expected number of deaths among Indigenous children of the corresponding age group if the age specific rate of the non-Indigenous population was applied to the Indigenous population.</p>

Numerator:

Perinatal: Number of perinatal deaths (foetal and neo-natal)

Infant: Number of deaths among children aged less than 1 year

Children 1-4: Number of deaths among children aged 1-4 years

Children 0-4: Number of deaths among children 0 to 4 years

Numerator data elements:

Data Element / Data Set

Data Element

Number of foetal and neonatal deaths

Data Source

[ABS Perinatal Deaths Collection](#)

Guide for use

Data source type: Administrative by-product data
Perinatal numerator data source

Data Element / Data Set

[Birth—birth status, code N](#)

Data Source

[ABS Perinatal Deaths Collection](#)

Guide for use

Data source type: Administrative by-product data
Perinatal numerator data source

Data Element / Data Set

[Person—age, total years N\[NN\]](#)

Data Source

[ABS Death Registrations Collection](#)

Guide for use

Data source type: Administrative by-product data
Infant and child numerator data source

Denominator:

Perinatal: Number of all live births and stillbirths

Infant: Number of live births

Children 1-4: Population aged 1-4 years

Children 0-4: Population aged 0-4 years

Denominator data elements:

Data Element / Data Set

[Birth—birth status, code N](#)

Data Source

[ABS birth registration data](#)

Guide for use

Data Source type: Administrative by-product data
Perinatal and infant denominator data source

Data Element / Data Set

[Person—age, total years N\[NN\]](#)

Data Source

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

Guide for use

Data Source type: Estimated resident population (ERP) is derived from Census, Post-enumeration survey (PES) and assumptions on future fertility, mortality, net migration etc.

Child 1-4 and 0-4 years denominator data source

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: ERP is derived from Census, PES and assumptions on future fertility, mortality, net migration etc.

Child 1-4 and 0-4 years denominator data source

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: ERP is derived from Census, PES and assumptions on future fertility, mortality, net migration etc.

Child 1-4 and 0-4 years denominator data source

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: ERP is derived from Census, PES and assumptions on future fertility, mortality, net migration etc.

Child 1-4 and 0-4 years denominator data source

Disaggregation:

National and selected state/territories by Indigenous status.

Disaggregation data elements:

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—Indigenous status, code N](#)

Data Source

[ABS Perinatal Deaths 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 Perinatal Deaths Collection](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

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 2009 for ABS infant and child mortality data; and 2008 for ABS perinatal data;

Infant and child mortality:

Aggregated data (2004-2008 & 2005-2009) will be reported for the current reporting period.

Single year data (2007, 2008 & 2009) will be reported for time series (national level only for infants and child 0-4 years).

Perinatal data: Aggregated data (2004-2008) will be reported for the current reporting period.

Single year data (2007, 2008) will be reported for time series analyses (national level only for perinatals).

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.

Indigenous child mortality data is subject to high variability due to small numbers of deaths among children 0 to 4 years.

Due to the 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.

Baseline year for this indicator is 2008; target year is 2018.

Representational attributes

Representation class: Rate

Data type: Real

Unit of measure: Person

Format: N[N].N

Indicator conceptual framework

Framework and dimensions: [Deaths](#)

Data source attributes

Data sources:

Data Source

[ABS birth registration data](#)

Frequency

Annual

Data custodian

Australian Bureau of Statistics

Data Source

[ABS Death Registrations Collection](#)

Frequency

Annual

Data custodian

Australian Bureau of Statistics

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 Perinatal Deaths 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

Accountability attributes

Reporting requirements: National Indigenous Reform Agreement.

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

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

Relational attributes

Related metadata references:

Supersedes [National Indigenous Reform Agreement: P09b-Child under 5 mortality rate \(and excess deaths\) \(ABS Data\), 2010](#)
[Community Services \(retired\)](#), Superseded 04/04/2011

Has been superseded by [National Indigenous Reform Agreement: PI 09-Child under 5 mortality rate \(and excess deaths\), 2012](#)
[Indigenous](#), Superseded 13/06/2013

See also [National Healthcare Agreement: PB 09-Halve the mortality gap for Indigenous children under five within a decade, 2011](#)
[Health](#), Superseded 30/10/2011

See also [National Healthcare Agreement: PI 19-Infant and young child mortality rate, 2011](#)
[Health](#), Superseded 30/10/2011

See also [National Indigenous Reform Agreement: PI 09a-Child under 5 mortality rate \(and excess deaths\) \(AIHW Data\), 2011](#)
[Indigenous](#), Superseded 01/07/2012