

# **National Indigenous Reform Agreement: P09b-Child under 5 mortality rate (and excess deaths) (ABS Data), 2010**

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# National Indigenous Reform Agreement: P09b-Child under 5 mortality rate (and excess deaths) (ABS Data), 2010

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	Child under 5 mortality rate (and excess deaths) (ABS Data), 2010
<b>METEOR identifier:</b>	396458
<b>Registration status:</b>	<a href="#">Community Services (retired)</a> , Superseded 04/04/2011
<b>Description:</b>	<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>
<b>Rationale:</b>	High level of public interest. Key measure for the 'Closing the Gap' indicator of halving the gap in mortality rates for children under 5.
<b>Indicator set:</b>	<a href="#">National Indigenous Reform Agreement (2010)</a> <a href="#">Community Services (retired)</a> , Superseded 04/04/2011
<b>Outcome area:</b>	<a href="#">Indigenous children have the same health outcomes as other Australian children</a> <a href="#">Indigenous</a> , Standard 21/07/2010
<b>Data quality statement:</b>	<a href="#">National Indigenous Reform Agreement: P09b-Child under 5 mortality rate (and excess deaths) (ABS Data), 2010 QS</a> <a href="#">Community Services (retired)</a> , Superseded 04/04/2011

## Collection and usage attributes

<b>Population group age to:</b>	Under 5 years of age
<b>Computation description:</b>	<p>Part A: Number, rate, rate ratio and rate difference</p> <p>Part B: Excess deaths: Observed number of Indigenous deaths among 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>
<b>Computation:</b>	<p>Part A:</p> <p>Perinatal and infant mortality rates: <math>1000 \times (\text{Numerator} \div \text{Denominator})</math></p> <p>Children 1-4 and 0-4 mortality rates: <math>100,000 \times (\text{Numerator} \div \text{Denominator})</math></p> <p>Part B: Excess deaths: Observed number of Indigenous deaths among children aged 0-4 years less expected number of deaths among Indigenous children aged 0-4 years if the age specific rate of the non-Indigenous population was applied to the Indigenous population.</p>
<b>Numerator:</b>	<p>Perinatal: Number of perinatal deaths (foetal and neo-natal)</p> <p>Infant: Number of deaths among children aged 0-1 years</p> <p>Children 1-4: Number of deaths among children aged 1-4 years</p> <p>Children 0-4: Number of deaths among children 0 to 4 years</p>

**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 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:

Disaggregation: National and selected state/territories by Indigenous status

Most recent data available for 2010 CRC baseline report: 2007

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

Due to small number of Indigenous deaths reported each year, 5 year combined data will be reported.

## Representational attributes

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

## Indicator conceptual framework

Framework and [Deaths](#)  
dimensions:

## 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

**Organisation responsible for providing data:** Australian Bureau of Statistics

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

The statistical agencies and state/territory governments are currently working with Registrars and funeral directors and doctors to improve the quality of Indigenous status information on death notification forms and death certificates.

Indigenous identification needs improvement in deaths data.

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

## Relational attributes

**Related metadata references:**

Has been superseded by [National Indigenous Reform Agreement: P109b-Child under 5 mortality rate \(and excess deaths\) \(ABS Data\), 2011 Indigenous](#), Superseded 01/07/2012

See also [National Healthcare Agreement: P19-Infant/young child mortality rate, 2010 Health](#), Superseded 08/06/2011

See also [National Indigenous Reform Agreement: P09a-Child under 5 mortality rate \(and excess deaths\) \(AIHW Data\), 2010 Community Services \(retired\)](#), Superseded 04/04/2011